

PAPERS PUBLISHED IN REFEREED INTERNATIONAL JOURNALS	
SL.No	Paper Details
361	A novel, extreme low-cost poly (Erythrosine) modified pencil graphite electrode for determination of Adrenaline.,Sukanya, S.D., Swamy, B.E.K., Shashikumara, J.K., Sharma, S.C., Hariprasad, S.A. <i>Scientific Reports</i> , 2023, 13, https://doi.org/10.1038/s41598-023-31068-y (IF = 4.997)
360	Stimuli-responsive color-tunable BaLa ₂ ZnO ₅ :Bi ³⁺ phosphor for the encryption and authentication of security patterns and latent fingerprint detection,Girisha, H.R., Krushna, B.R.R., Manjunatha, K., Wu, S.Y., Ho, M.-K., Sharma, S.C., Prasad, B.D., Subramanian, B., Kumar, J.B.P., Nagabhushana, H. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2023,666, https://doi.org/10.1016/j.colsurfa.2023.131219 (IF = 5.51)
359	Sm-SrAl ₂ O ₄ Nanomaterial: Intensive Orange-red component for white LED, Latent finger Print, and anti-counterfeiting applications,Ashwini, K.R., Premkumar, H.B., Prasad B, D., Darshan, G.P., Nagabhushana, H., Sharma, S.C., Prashantha, S.C. <i>Chemical Physics</i> , 2023,568 https://doi.org/10.1016/j.chemphys.2022.111799 (IF = 2.552)
358	Unclonable fluorescence of MgO-ZrO ₂ :Tb ³⁺ nanocomposite for versatile applications in data security, dermatoglyphics Swathi, B.N., Krushna, B.R.R., Daruka Prasad, B., Sharma, S.C., Subramanian, B., Nagabhushana, H. <i>Luminescence</i> , 2023 38,232, https://doi.org/10.1002/bio.4440 (IF = 2.464)
357	Intense red-emitting core-active shell SiO ₂ @CaAl ₂ O ₄ :Eu ³⁺ surface sensitive fluorescent probe for dactylography applications Shashikala, B.S., Premkumar, H.B., Darshan, G.P., Lavanya, D.R., Sharma, S.C., Nagabhushana, H. <i>Materials Chemistry and Physics</i> , 2023,297, https://doi.org/10.1016/j.matchemphys.2023.127358 (IF = 4.778)
356	Facile and eco-friendly PVA nanocomposites as a photo-luminescent: Anti-counterfeiting, LED and wettability applications. Kalaburgi, B., Daruka Prasad, B., Lavanya, D.R., Sharma, S.C., Srikanth, C., Darshan, G.P., Nasreen Taj, M., Premkumar, Nagabhushana, H. <i>Ceramics International</i> , 2023, 49, 4586, https://doi.org/10.1016/j.ceramint.2022.09.344 , 1, (IF=5.532)
355	Conventional and Scientific uses of Rice-washed water: A Systematic Review Chithambharan, A., Pottail, L., Sharma, S.C., Mirle, R.M., Rajalakshmi, R., Ponnusamy, A. <i>Journal of Food Science and Technology</i> , 2023, https://doi.org/10.1007/s13197-023-05722-2 , (IF = 3.117)
354	Quantum dot-based security ink and fluorescent flexible films: Preparation, characterization, and applications to multiple anti-counterfeiting and cell imaging Darshan, G.P., Suman, G.R., Premkumar, H.B., Prasad, B.D., Sharma, S.C., Adarsha, H.,

	Nagabhushana, H. <i>Quantum Dots: Emerging Materials for Versatile Applications</i> , 2023, 501, https://doi.org/10.1016/B978-0-323-85278-4.00014-3 ,
353	Fluorescent quantum dots as labeling agents for the effective detection of latent fingerprints on various surfaces Darshan, G.P., Prasad, B.D., Premkumar, H.B., Sharma, S.C., Kiran, K.S., Nagabhushana, H. <i>Quantum Dots: Emerging Materials for Versatile Applications</i> , 2023 ,539 https://doi.org/10.1016/B978-0-323-85278-4.00006-4
352	Quantum dots-based solar cells: Futuristic green technology to accomplish the energy crisis Darshan, G.P., Lavanya, D.R., Daruka Prasad, B., Sharma, S.C., Nagabhushana, H. <i>Quantum Dots: Emerging Materials for Versatile Applications</i> , 2023,157 https://doi.org/10.1016/B978-0-323-85278-4.00004-0
351	Effect of TX-100 pretreatment on carbon paste electrode for selective sensing of dopamine in presence of paracetamol Kumara, J.K.S., Swamy, B.E.K., Jayaprakash, G.K., Sharma, S.C., Flores.-Moreno, R., Mohanty, K., Hariprasad, S.A. <i>Scientific Reports</i> , 2022,12 https://doi.org/10.1038/s41598-022-24387-z , (IF = 4.996)
350	Anti-counterfeiting, latent fingerprint detection and optical thermometry using a multi-stimulus down-converting La ₂ CaZnO ₅ :Er ³⁺ phosphor Girisha, H.R., Radha krushna, B.R., Lavanya, D.R., Daruka, P.B., Sharma, S.C., Nagabhushana, H. <i>Optical Materials</i> , 2022, 134 https://doi.org/10.1016/j.optmat.2022.113053 ,4, (IF = 3.754)
349	Photochromic, down-conversion nano bismuth chloride layered material: Latent fingerprint visualization and data security applications, Latha, N., Prasad, B.D., Lavanya, D.R., Radhakrushna, B.R., Premkumar, H.B., Sharma, S.C., Lalitha, P., Nagabhushana, H. <i>Journal of Luminescence</i> , 2022, 252, https://doi.org/10.1016/j.jlumin.2022.119328 , 3, (IF = 4.171)
348	Efficient luminescence of doped bismuth oxychloride nanophosphors and its surfaces prompted applications, Latha, N., Darshan, G.P., Lavanya, D.R., Sharma, S.C., Nagabhushana, H. <i>Journal of Solid State Chemistry</i> , 2022, 316 , https://doi.org/10.1016/j.jssc.2022.123548 , (IF = 3.656)
347	One material, many possibilities via enrichment of luminescence in La ₂ Zr ₂ O ₇ :Tb ³⁺ nanophosphors for forensic stimuli aided applications, Lavanya, D.R., Darshan, G.P., Malleshappa, J., Premkumar, H.B., Sharma, S.C., Hariprasad, S.A., Nagabhushana, H., <i>Scientific Reports</i> , 2022, 12, https://doi.org/10.1038/s41598-022-11980-5 ,7 , (IF = 4.996)
346	Simultaneous resolution of serotonin and epinephrine at poly (Victoria blue B) amplified carbon paste electrode: A voltammetric study with density functional theory evidences Banu, R., Kumara Swamy, B.E., Jayaprakash, G.K., Sharma, S.C. <i>Inorganic Chemistry Communications</i> , 2022,144, https://doi.org/10.1016/j.inoche.2022.109627 , 3, (IF = 3.428)
345	Structural and Morphological Characterization of Bio-templated Reduced Graphene Oxide and their Antibacterial Efficacy, Sethumadhavan, S.C., Pottail, L., Sharma, S.C., Chithambharan, A., Ballal, S. <i>Journal of Cluster Science</i> , 2022, 33, 1997 https://doi.org/10.1007/s10876-021-02120-6 , 1, (IF = 3.447)

344	Electrochemical determination of paracetamol at Cu doped ZnO/Nanoparticle with TX-100-surfactant MCPE: A cyclic voltammetric technique, Manjunatha, K.G., Kumara Swamy, B.E., Jayaprakash, G.K., Sharma, S.C., Lalitha, P., Vishnumurthy, K.A. Inorganic Chemistry Communications , 2022, 142, https://doi.org/10.1016/j.inoche.2022.109630 ,2 , (IF =3.428)
343	Dy ³⁺ ions activated CaAl ₂ O ₄ nanophosphors: Photoluminescent and photometric properties prompted manifold applications, Shashikala, B.S., Premkumar, H.B., Sharma, S.C., Nagabhushana, H., Daruka Prasad, B., Darshan, G.P. Inorganic Chemistry Communications 2022, 142, https://doi.org/10.1016/j.inoche.2022.109619 , (IF = 3.428)
342	NrGO wrapped Cu-ZrO ₂ as a multifunctional visible-light-sensitive catalyst for advanced oxidation of pollutants and CO ₂ reduction. Lal, S., Kumar V, U., Nabgan, W., Martis, P., Sreenivasa, S., Sharma, S.C., Raghu, M.S., Alsalme, A., Akshatha, S., Jeon, B.-H., Parashuram, L. Journal of Environmental Chemical Engineering , 2022, 10, https://doi.org/10.1016/j.jece.2022.107679 ,7, (IF =7.968)
341	Poly (yellow PX4R) carbon paste electrode sensor for paracetamol: A voltammetric study , Sukanya, Kumara Swamy, B.E., Shashikumara, J.K., Sharma, S.C. Inorganic Chemistry Communications , 2022, 140 , https://doi.org/10.1016/j.inoche.2022.109394 , (IF = 3.428)
340	Surface engineered La ₂ Zr ₂ O ₇ :Eu ³⁺ nanophosphors: Luminescent based platform for latent fingerprints visualization and anti-counterfeiting applications Lavanya, D.R., Darshan, G.P., Malleshappa, J., Premkumar, H.B., Sharma, S.C., Prasannakumar, J.B., Nagabhushana, H. Surfaces and Interfaces , 2022, 29, https://doi.org/10.1016/j.surfin.2022.101803 ,7, (IF =6.137)
339	Surface chemistry modification of core-shell structured SiO ₂ @LaOF:Eu ³⁺ /Li ⁺ nanophosphors for advanced forensic applications, Suresh, C., Darshan, G.P., Premkumar, H.B., Sharma, S.C., Adarsha, H., Prameela, H.C., Nagabhushana, H. Journal of Science: Advanced Materials and Devices , 2022, 7, https://doi.org/10.1016/j.jsamd.2021.09.004 ,6, (IF = 7.382)
338	Functionalized surfaces created by perturbation in luminescent polymer nanocomposites: Materials for forensic and security ink applications, Narasimhamurthy, K.N., Daruka Prasad, B., Lavanya, D.R., Kavyashree, D., Darshan, G.P., Sharma, S.C., Premkumar, H.B., Kiran, K.S., Nagabhushana, H. Colloids and Surfaces A: Physicochemical and Engineering Aspects , 2022, 634, https://doi.org/10.1016/j.colsurfa.2021.127770 ,3, (IF = 5.518)
337	Uniform Core-shell SiO ₂ @Sr ₂ CeO ₄ :Eu ³⁺ nanocomposites: Exploring multiple strategies towards flexible luminescent films and data security applications, Sudheendra, H.S., Darshan, G.P., Kokila, M.K., Lavanya, D.R., Premkumar, H.B., Sharma, S.C., Adarsha, H., Nagabhushana, H. Surfaces and Interfaces ,2022,28, https://doi.org/10.1016/j.surfin.2021.101583 , 2, (IF =6.137)
336	Effect of graphite oxide and exfoliated graphite oxide as a modifier for the voltammetric

	determination of dopamine in presence of uric acid and folic acid, Vidya, H., Kumara Swamy, B.E., Sharma, S.C., Jayaprakash, G.K., Hariprasad, S.A. <i>Scientific Reports</i> , 2021 11 https://doi.org/10.1038/s41598-021-01328-w 2, (IF =4.996)
335	Dysprosium doped strontium aluminate dusting powder: Sweat pores visualization and white LED component, Ashwini, K.R., Premkumar, H.B., Darshan, G.P., Daruka Prasad, B., Nagabhushana, H., Sharma, S.C., Prashantha, S.C. <i>Inorganic Chemistry Communications</i> 2021, 134, https://doi.org/10.1016/j.inoche.2021.109028 ,2, (IF = 3.428)
334	Poly (Orange CD) sensor for paracetamol in presence of folic acid and dopamine Sukanya, S.D., Swamy, B.E.K., Shashikumara, J.K., Sharma, S.C., Hariprasad, S.A. <i>Scientific Reports</i> , 2021 11, https://doi.org/10.1038/s41598-021-01311-5 3, (IF =4.996)
333	Design of green emitting CaZrO ₃ :Tb ³⁺ nanophosphor: Luminescence based platform for real-time ultrasensitive detection of latent fingerprints and anti-counterfeiting applications Navami, D., Darshan, G.P., Lavanya, D.R., Premkumar, H.B., Sharma, S.C., Adarsha, H., Prameela, H.C., Nagabhushana, H. <i>Optical Materials</i> 2021 122 https://doi.org/10.1016/j.optmat.2021.111474 , 10, (IF =3.754)
332	Aggregation induced emission based active conjugated imidazole luminogens for visualization of latent fingerprints and multiple anticounterfeiting applications Ravindra, M.K., Darshan, G.P., Lavanya, D.R., Mahadevan, K.M., Premkumar, H.B., Sharma, S.C., Adarsha, H., Nagabhushana, H. <i>Scientific Reports</i> 2021 ,11 https://doi.org/10.1038/s41598-021-96011-5 , 12, (IF = 4.996)
331	Coomassie brilliant blue G 250 modified carbon paste electrode sensor for the voltammetric detection of dihydroxybenzene isomers, Chetankumar, K., Kumara Swamy, B.E., Sharma, S.C., Adarsha, H., <i>Scientific Reports</i> 2021, 11 https://doi.org/10.1038/s41598-021-95347-2 , 3 , (IF = 4.996)
330	An efficient electrochemical sensing of hazardous catechol and hydroquinone at direct green 6 decorated carbon paste electrode, Chetankumar, K., Kumara Swamy, B.E., Sharma, S.C., Hariprasad, S.A., <i>Scientific Reports</i> , 2021, 11, https://doi.org/10.1038/s41598-021-93749-w ,10, (IF =4.996)
329	Poly (red DSBR)/Al-ZnO modified carbon paste electrode sensor for dopamine: a voltammetric study, Shashikumara, J.K., Swamy, B.E.K., Sharma, S.C., Hariprasad, S.A., Mohanty, K. <i>Scientific Reports</i> , 2021 11 https://doi.org/10.1038/s41598-021-93723-6 ,12, (IF =4.996)
328	Effect of RGO-Y ₂ O ₃ and RGO-Y ₂ O ₃ :Cr ³⁺ nanocomposite sensor for dopamine Shashikumara, J.K., Kalaburgi, B., Swamy, B.E.K., Nagabhushana, H., Sharma, S.C., Lalitha, P., <i>Scientific Reports</i> , 2021, 11, https://doi.org/10.1038/s41598-021-87749-z ,9, (IF =4.996)
327	In silico studies: Physicochemical properties, drug score, toxicity predictions and molecular docking of organosulphur compounds against Diabetes mellitus, Rajalakshmi, R., Lalitha, P., Sharma, S.C., Rajiv, A., Chithambharan, A., Ponnusamy, A. <i>Journal of Molecular Recognition</i> 2021 34, https://doi.org/10.1002/jmr.2925 ,10, (IF =2.137)
326	Surface functionalized inorganic phosphor by grafting organic antenna for long term preservation of latent fingerprints and data-security applications Narasimhamurthy, K.N., Darshan, G.P., Sharma, S.C., Premkumar, H.B., Adarsha, H., Nagabhushana, H. <i>Journal of Colloid and Interface Science</i> , 2021 600, 887, https://doi.org/10.1016/j.jcis.2021.05.029 22, (IF =9.965)

325	Phytochemical mediated synthesis of praseodymium doped beta-eucryptite nanophosphor for ultraviolet stimulated fluorescence based unclonable security applications, Jyothi, K.R., Bhagya, K.R., Darshan, G.P., Hegde, V.N., Sharma, S.C., Nagabhushana, N.M., Nagabhushana, H. <i>Inorganic Chemistry Communications</i> 2021 130, https://doi.org/10.1016/j.inoche.2021.108671 ,3, (IF = 3.428)
324	Green emitting SrAl ₂ O ₄ :Tb ³⁺ nano-powders for forensic, anti-counterfeiting and optoelectronic devices, Ashwini, K.R., Premkumar, H.B., Daruka Prasad, B., Darshan, G.P., Nagabhushana, H., Sharma, S.C., Prashantha, S.C. <i>Inorganic Chemistry Communications</i> , 2021, 13 , https://doi.org/10.1016/j.inoche.2021.108665 ,11, (IF = 3.428)
323	Dual descriptor analysis of cetylpyridinium modified carbon paste electrodes for ascorbic acid sensing applications, Jayaprakash, G.K., Kumara Swamy, B.E., Rajendrachari, S., Sharma, S.C., Flores-Moreno, R. <i>Journal of Molecular Liquids</i> , 2021, 334, https://doi.org/10.1016/j.molliq.2021.116348 ,36, (IF = 6.633)
322	Orange-red emitting praseodymium doped yttrium-molybdate nanophosphors for multifunctional applications, Bhagya, K.R., Jyothi, K.R., Hegde, V.N., Daruka Prasad, B., Nagabhushana, H., Sharma, S.C., Nagabhushana, N.M. <i>Journal of Science: Advanced Materials and Devices</i> , 2021, 6, 234, https://doi.org/10.1016/j.jsamd.2021.02.002 ,3, (IF = 7.382)
321	Enhanced sunlight driven photocatalytic activity and electrochemical sensing properties of Ce-doped MnFe ₂ O ₄ nano magnetic ferrites, Meena, S., Anantharaju, K.S., Vidya, Y.S., Renuka, L., Uma, B., Sharma, S.C., Prasad B, D., More, S.S. <i>Ceramics International</i> , 2021 47, 14760, https://doi.org/10.1016/j.ceramint.2020.11.105 , 29, (IF = 5.532)
320	Screening of anti-cancer activity of reduced graphene oxide biogenically synthesized against human breast cancer MCF-7 cell lines, Smina, C.S., Lalitha, P., Sharma, S.C., Nagabhushana, H. <i>Applied Nanoscience (Switzerland)</i> , 2021 , 11, 1093, https://doi.org/10.1007/s13204-021-01696-9 ,8, (IF = 3.869)
319	Fabrication of flux supported SrTiO ₃ :Eu ³⁺ fluorescent powders: New prospective of dual mode, ink-free data security applications, Sandhyarani, A., Kokila, M.K., Darshan, G.P., Nagabhushana, H., Sharma, S.C., Premkumar, H.B., Prasad B, D. <i>Journal of Science: Advanced Materials and Devices</i> , 2021, 6, 92, https://doi.org/10.1016/j.jsamd.2020.11.004 , 8 , (IF = 7.382)
318	FT-IR fingerprinting as an Analytical tool for determination of Melamine leaching from Melamine tablewares and their Biological implications, Chithambharan, A., Pottail, L., Sharma, S.C., Kumaraswamy, B.E. <i>Journal of Food Science and Technology</i> , 2021, 58, 855, https://doi.org/10.1007/s13197-020-04599-9 , 2, (IF = 3.117)
317	Safranin amplified carbon paste electrode sensor for analysis of paracetamol and epinephrine in presence of folic acid and ascorbic acid, Chetankumar, K., Kumara Swamy, B.E., Sharma, S.C., <i>Microchemical Journal</i> 2021, 160, https://doi.org/10.1016/j.microc.2020.105729 ,15, (IF = 5.304)
316	Photometric features and intense blue light emanation of Nd ³⁺ doped SrTiO ₃ based nanophosphor for multi-functional applications, Sandhyarani, A., Kokila, M.K., Darshan, G.P., Sharma, S.C., Kavyashree, D., Premkumar, H.B., Nagabhushana, H. <i>Journal of Science: Advanced Materials and Devices</i> , 2020, 5, 487, https://doi.org/10.1016/j.jsamd.2020.08.003 ,10, (IF = 5.340)
315	Terminalia bellirica dried fruit and seed extract offers alpha-amylase inhibitory potential in

	tackling diabetes, Smina, C.S., Lalitha, P., Nagabhushana, H., Sharma, S.C. <i>Applied Nanoscience (Switzerland)</i> , 2020, 10, 4325, https://doi.org/10.1007/s13204-020-01549-x ,5, (IF =3.869)
314	Analyzing electron transfer properties of ferrocene in gasoline by cyclic voltammetry and theoretical methods, Kudur Jayaprakash, G., Kumara Swamy, B.E., Sharma, S.C. , Santoyo-Flores, J.J. <i>Microchemical Journal</i> , 2020, 158, https://doi.org/10.1016/j.microc.2020.105116 ,19, (IF =5.304)
313	Electrochemical and quantum chemical studies of cetylpyridinium bromide modified carbon electrode interface for sensor applications, Kudur Jayaprakash, G., Swamy, B.E.K., Sánchez, J.P.M., Li, X., Sharma, S.C. , Lee, S.-L. <i>Journal of Molecular Liquids</i> , 2020, 315, https://doi.org/10.1016/j.molliq.2020.113719 ,31, (IF =6.633)
312	Effect of Li ⁺ co-doping on the photoluminescence of novel green emitting BiOCl: Tb ³⁺ nanophosphors for display, visualization of latent fingerprints and anticounterfeiting applications, Latha, N., Vidya, Y.S., Sharma, S.C. , Darshan, G.P., Anantharaju, K.S., Prabha, P.H., Nagabhushana, H. <i>Journal of Solid State Chemistry</i> , 2020, 290, https://doi.org/10.1016/j.jssc.2020.121418 ,11, (IF =3.656)
311	Fabrication of voltammetric efficient sensor for catechol, hydroquinone and resorcinol at MgO modified pre-treated carbon paste electrode, Chetankumar, K., Swamy, B.E.K., Sharma, S.C. <i>Materials Chemistry and Physics</i> , 2020 252, https://doi.org/10.1016/j.matchemphys.2020.123231 ,20, (IF =4.778)
310	Photoluminescence, thermoluminescence and photocatalytic studies of sonochemical synthesis of Bi ₂ Zr ₂ O ₇ :Sm ³⁺ nanomaterials, Rajashekharaiyah, A.S., Vidya, Y.S., Anantharaju, K.S., Darshan, G.P., Lalitha, P., Sharma, S.C. , Nagabhushana, H. <i>Journal of Materials Science: Materials in Electronics</i> ,2020, 31 , 15627, https://doi.org/10.1007/s10854-020-04126-8 ,4, (IF =2.779)
309	Surface adaptation prompted enhanced photo and thermoluminescence properties of Dy ³⁺ doped wollastonite nanophosphor, Nijalingappa, T.B., Veeraiyah, M.K., Darshan, G.P., Kavyashree, D., Sharma, S.C. , Premkumar, H.B., Nagabhushana, H. <i>Materials Chemistry and Physics</i> , 2020, 249, https://doi.org/10.1016/j.matchemphys.2020.123070 , 9, (IF = 4.778)
308	Electrochemical preparation of poly (direct yellow 11) modified pencil graphite electrode sensor for catechol and hydroquinone in presence of resorcinol: A voltammetric study Chetankumar, K., Kumara Swamy, B.E., Sharma, S.C. <i>Microchemical Journal</i> , 2020, 156 https://doi.org/10.1016/j.microc.2020.104979 29, (IF = 5.304)
307	Colour quality parameters and enhanced white light emanation via solution combustion derived MoO ₃ :Dy ³⁺ micro-architectures: Fluorescent probe for sensitive visualization of latent fingerprints, Yogananda, H.S., Darshan, G.P., Sharma, S.C. , Premkumar, H.B., Kavyashree, D., Lalitha, P., Nagabhushana, H. <i>Optical Materials</i> , 2020, 105 https://doi.org/10.1016/j.optmat.2020.109817 ,17, (IF =3.754)
306	A simple sensing approach for the determination of dopamine by poly (Yellow PX4R) pencil graphite electrode, Shashikumara, J.K., Kumara Swamy, B.E., Sharma, S.C. <i>Chemical Data Collections</i> , 2020, 27, https://doi.org/10.1016/j.cdc.2020.100366 ,11,
305	Magnetic Eu-doped MgFe ₂ O ₄ nanomaterials: An investigation of their structural, optical and enhanced visible-light-driven photocatalytic performance, Patil, S., Anantharaju, K.S., Rangappa, D., Vidya, Y.S., Sharma, S.C. , Renuka, L., Nagabhushana, H. <i>Environmental Nanotechnology, Monitoring and Management</i> , 2020, 13, https://doi.org/10.1016/j.enmm.2019.100268 , 15 ,

304	MnFe ₂ O ₄ /ZrO ₂ nanocomposite as an efficient magnetically separable photocatalyst with good response to sunlight: preparation, characterization and catalytic mechanism, Meena, S., Anantharaju, K.S., Vidya, Y.S., Renuka, L., Malini, S., Sharma, S.C., Nagabhushana, H. <i>SN Applied Sciences</i> , 2020, 2, https://doi.org/10.1007/s42452-020-2086-8 , 10,
303	Simultaneous electroanalysis of dopamine, paracetamol and folic acid using TiO ₂ -WO ₃ nanoparticle modified carbon paste electrode, Ashoka, N.B., Swamy, B.E.K., Jayadevappa, H., Sharma, S.C. <i>Journal of Electroanalytical Chemistry</i> , 2020, 859 https://doi.org/10.1016/j.jelechem.2020.113819 , 23, (IF = 4.598)
302	Shape controllable ultrasound assisted fabrication of CaZrO ₃ :Dy ³⁺ hierarchical structures for display, dosimetry and advanced forensic applications, Navami, D., Darshan, G.P., Basavaraj, R.B., Sharma, S.C., Kavyashree, D., Venkatachalaiah, K.N., Nagabhushana, H. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2020, 389 https://doi.org/10.1016/j.jphotochem.2019.112248 16, (IF = 5.141)
301	Hierarchical Bi ₂ Zr ₂ O ₇ :Dy ³⁺ architectures fabricated by bio-surfactant assisted hydrothermal route for anti-oxidant, anti-bacterial and anti-cancer activities, Rajashekharaiyah, A.S., Darshan, G.P., Premkumar, H.B., Lalitha, P., Sharma, S.C., Nagabhushana, H. <i>Materials Chemistry and Physics</i> , 2020, 242, https://doi.org/10.1016/j.matchemphys.2019.122468 , 6, (IF = 4.778)
300	Imaging sweat pore structures in latent fingerprints and unclonable anti-counterfeiting patterns by sensitizers blended LaOF:Pr ³⁺ nanophosphors, Suresh, C., Darshan, G.P., Sharma, S.C., Venkataravanappa, M., Premkumar, H.B., Shanthi, S., Venkatachalaiah, K.N., Nagabhushana, H. <i>Optical Materials</i> , 2020, 100, https://doi.org/10.1016/j.optmat.2019.109625 , 15, (IF = 3.754)
299	Ultrasound induced synthesis of dual phased hierarchical ZrO ₂ :Eu ³⁺ architectures: Fluorescent based sensor for rapid visualization of latent fingerprints, Rohini, B.S., Darshan, G.P., Premkumar, H.B., Kavyashree, D., Sharma, S.C., Sreenivasa, S., Nagabhushana, H., <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2019, 581 https://doi.org/10.1016/j.colsurfa.2019.123749 , 10, (IF = 5.518)
298	Phase dependent photoluminescence and thermoluminescence properties of Y ₂ SiO ₅ :Sm ³⁺ nanophosphors and its advanced forensic applications, Gowri, M.M., Darshan, G.P., Naik, Y.V., Premkumar, H.B., Kavyashree, D., Sharma, S.C., Nagabhushana, H., <i>Optical Materials</i> , 2019, 96, https://doi.org/10.1016/j.optmat.2019.109282 , 7, (IF = 3.754)
297	Poly (benzoguanamine) modified sensor for catechol in presence of hydroquinone: A voltammetric study, Chetankumar, K., Swamy, B.E.K., Sharma, S.C. <i>Journal of Electroanalytical Chemistry</i> 2019 849, https://doi.org/10.1016/j.jelechem.2019.113365 , 39, (IF = 4.598)
296	NUV light-induced visible green emissions of Erbium-doped hierarchical Bi ₂ Zr ₂ O ₇ structures, Rajashekharaiyah, A.S., Darshan, G.P., Basavaraj, R.B., Naik, Y.V., Kavyashree, D., Sharma, S.C., Nagabhushana, H. <i>Optical Materials</i> , 2019, 95, https://doi.org/10.1016/j.optmat.2019.109237 , 9, (IF = 3.754)
295	New design of highly sensitive AIE based fluorescent imidazole derivatives: Probing of sweat pores and anti-counterfeiting applications, Ravindra, M.K., Mahadevan, K.M., Basavaraj, R.B., Darshan, G.P., Sharma, S.C., Raju, M.S., Vijayakumar, G.R., Manjappa, K.B., Yang, D.-Y., Nagabhushana, H. <i>Materials Science and Engineering C</i> , 2019, 101, 564 https://doi.org/10.1016/j.msec.2019.03.089 , 25,
294	Rational design of monovalent ions (Li, Na, K) co-doped ZnAl ₂ O ₄ :Eu ³⁺ nanocrystals enabling versatile robust latent fingerprint visualization, Komahal, F.F., Nagabhushana, H., Basavaraj,

	R.B., Darshan, G.P., Inamdar, H.K., Sharma, S.C., Prasad, B.D. <i>Journal of Rare Earths</i> , 2019, 37, 699, https://doi.org/10.1016/j.jre.2018.11.003 17, (IF =4.632)
293	Rational design of bi-functional RE 3+ (RE = Tb, Ce) and alkali metals (M + = Li, Na, K) co-doped CaAl ₂ O ₄ nanophosphors for solid state lighting and advanced forensic applications Shashikala, B.S., Premkumar, H.B., Darshan, G.P., Nagabhushana, H., Sharma, S.C., Prashantha, S.C. <i>Materials Research Bulletin</i> , 2019, 115, 88, https://doi.org/10.1016/j.materresbull.2019.03.002 18, (IF =5.6)
292	Sonochemical synthesis of green emitting Ca ₂ SiO ₄ :Er ³⁺ nanopowders: Promising applications in optical thermometry and radiation dosimeter, Mangalagowri, M., Basavaraj, R.B., Darshan, G.P., Raju, M.S., Naik, Y.V., Kavyashree, D., Inamdar, H.K., Sharma, S.C., Nagabhushana, H., <i>Optical Materials</i> , 2019, 92,125, https://doi.org/10.1016/j.optmat.2019.04.005 ,17, (IF = 3.754)
291	Synergistic effect of hybrid Ce ³⁺ /Ce ⁴⁺ doped Bi ₂ O ₃ nano-sphere photocatalyst for enhanced photocatalytic degradation of alizarin red S dye and its NUV excited photoluminescence studies Akshatha, S., Sreenivasa, S., Parashuram, L., Udaya Kumar, V., Sharma, S.C., Nagabhushana, H., Kumar, S., Maiyalagan, T. <i>Journal of Environmental Chemical Engineering</i> ,2019, 7 https://doi.org/10.1016/j.jece.2019.103053 , 26, (IF =7.968)
290	Nucleation and self-assembly dynamics of hierarchical YAlO ₃ :Ce ³⁺ architectures: Nano probe for in vitro dermatoglyphics and anti-mimetic applications Darshan, G.P., Premkumar, H.B., Nagabhushana, H., Sharma, S.C., Umesh, B., Basavaraj, R.B., <i>Materials Science and Engineering C</i> , 2019, 99, 282, https://doi.org/10.1016/j.msec.2019.01.060 ,29,
289	Optical, electrical and luminescent studies of CuO/MgO nanocomposites synthesized via sonochemical method, Deepthi, N.H., Vidya, Y.S., Anantharaju, K.S., Basavaraj, R.B., Kavyashree, D., Sharma, S.C., Nagabhushana, H. <i>Journal of Alloys and Compounds</i> , 2019, 786,855, https://doi.org/10.1016/j.jallcom.2019.02.005 ,16, (IF =6.371)
288	Poly (sunset yellow) sensor for dopamine: A voltammetric study, Kuskur, C.M., Swamy, B.E.K., Shivakumar, K., Jayadevappa, H., Sharma, S.C. <i>Journal of Electroanalytical Chemistry</i> , 2019, 840, 52, https://doi.org/10.1016/j.jelechem.2019.03.031 ,15, (IF =4.598)
287	New insights into the rapid deposition and visualization of latent fingerprints: Cyan light emitting GdAlO ₃ :Ce ³⁺ nano fluorescent probe, Shilpa, C.J., Basavaraj, R.B., Darshan, G.P., Premkumar, H.B., Sharma, S.C., Nagabhushana, H. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2019, 376, 288, https://doi.org/10.1016/j.jphotochem.2019.02.027 , 29, (IF =5.141)
286	Antimicrobial properties of green synthesis of MgO micro architectures via Limonia acidissima fruit extract, Nijalingappa, T.B., Veeraiyah, M.K., Basavaraj, R.B., Darshan, G.P., Sharma, S.C., Nagabhushana, H., <i>Biocatalysis and Agricultural Biotechnology</i> , 2019 18, https://doi.org/10.1016/j.bcab.2019.01.029 24,
285	Pivotal role of fluxes in BaTiO ₃ :Eu ³⁺ nano probes for visualization of latent fingerprints on multifaceted substrates and anti-counterfeiting applications, Dhanalakshmi, M., Basavaraj, R.B., Darshan, G.P., Sharma, S.C., Nagabhushana, H. <i>Microchemical Journal</i> , 2019, 145, 226, https://doi.org/10.1016/j.microc.2018.10.020 , 44 , (IF = 5.304)
284	Evolution of shapes and identification of level II and III features of fingerprints using CaZrO ₃ :Sm ³⁺ fluorescent markers prepared via solution combustion route, Navami, D.,

	Basavaraj, R.B., Darshan, G.P., Inamdar, H.K., Sharma, S.C., Premkumar, H.B., Nagabhushana, H., <i>Optical Materials</i> , 2019, 88, 479, https://doi.org/10.1016/j.optmat.2018.11.058 , 26, (IF =3.754)
283	Promising red emission from functionalized Polypyrrole/CaTiO ₃ :Eu ³⁺ nano-composites for photonic applications, Inamdar, H.K., Ambika Prasad, M.V.N., Basavaraj, R.B., Sasikala, M., Sharma, S.C., Nagabhushana, H. <i>Optical Materials</i> , 2019, 88, 458, https://doi.org/10.1016/j.optmat.2018.11.042 , 9, (IF =3.754)
282	Nanostructured Stannic Oxides for White Light Emitting Diodes Provides Authentication for Latent Fingerprints Visualization under Diverse Environmental Conditions, Deepthi, N.H., Darshan, G.P., Basavaraj, R.B., Prasad, B.D., Sharma, S.C., Kavyashree, D., Nagabhushana, H. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 578, https://doi.org/10.1021/acssuschemeng.8b04109 , 17,
281	Rapid visualization of latent fingerprints using novel CaSiO ₃ :Sm ³⁺ nanophosphors fabricated via ultrasound route, Basavaraj, R.B., Darshan, G.P., Daruka Prasad, B., Sharma, S.C., Nagabhushana, H., <i>Journal of Rare Earths</i> , 2019 , 37, 32 https://doi.org/10.1016/j.jre.2018.04.019 , 44, (IF =4.632)
280	Lysine assisted hydrothermal synthesis and formation process of MoO ₃ :Sm ³⁺ phosphors with hierarchical structures and its electron trapping luminescence properties, Yogananda, H.S., Basavaraj, R.B., Naik, R., Darshan, G.P., Sharma, S.C., Daruka Prasad, Nagabhushana, H. <i>Journal of Alloys and Compounds</i> , 2018, 768, 451, https://doi.org/10.1016/j.jallcom.2018.07.124 , 13, (IF =6.371)
279	Ruthenium oxide nanostring clusters anchored Graphene oxide nanocomposites for high-performance supercapacitors application, Kumar, K.Y., Archana, S., Namitha, R., Prasanna, B.P., Sharma, S.C., Raghu, M.S., <i>Materials Research Bulletin</i> , 2018, 107, 347, https://doi.org/10.1016/j.materresbull.2018.08.011 , 25, (IF =5.6)
278	New design of highly sensitive and selective MoO ₃ :Eu ³⁺ micro-rods: Probing of latent fingerprints visualization and anti-counterfeiting applications, Yogananda, H.S., Basavaraj, R.B., Darshan, G.P., Daruka Prasad, B., Naik, R., Sharma, S.C., Nagabhushana, H., <i>Journal of Colloid and Interface Science</i> , 2018 , 528, 443, https://doi.org/10.1016/j.jcis.2018.04.104 35, (IF =9.965)
277	Rapid identification of latent fingerprints, security ink and WLED applications of CaZrO ₃ :Eu ³⁺ fluorescent labelling agent fabricated via bio-template assisted combustion route , Navami, D., Basavaraj, R.B., Sharma, S.C., Daruka Prasad, B., Nagabhushana, H., <i>Journal of Alloys and Compounds</i> , 2018, 762, 763, https://doi.org/10.1016/j.jallcom.2018.05.016 , 87, (IF =6.371)
276	Flux blended synthesis of novel Y ₂ O ₃ :Eu ³⁺ sensing arrays for highly sensitive dual mode detection of LFPs on versatile surfaces, Venkatachalaiah, K.N., Nagabhushana, H., Basavaraj, R.B., Darshan, G.P., Daruka Prasad, B., Sharma, S.C. <i>Journal of Rare Earths</i> , 2018, 36, 954 https://doi.org/10.1016/j.jre.2018.04.005 , 22, (IF =4.632)
275	Design of Bi-functional composite core-shell SiO ₂ @ZnAl ₂ O ₄ :Eu ³⁺ array as a fluorescent sensors for selective and sensitive latent fingerprints visualization protocol, Komahal, F.F., Nagabhushana, H., Basavaraj, R.B., Darshan, G.P., Prasad, B.D., Sharma, S.C., Kavyashree, D. <i>Advanced Powder Technology</i> , 2018, 29, 1991, https://doi.org/10.1016/j.apt.2018.05.004 , 33, (IF =4.969)

274	EGCG assisted Y ₂ O ₃ :Eu ³⁺ nanopowders with 3D micro-architecture assemblies useful for latent finger print recognition and anti-counterfeiting applications, Marappa, B., Rudresha, M.S., Basavaraj, R.B., Darshan, G.P., Prasad, B.D., Sharma, S.C., Sivakumari, S., Amudha, P., Nagabhushana, H. <i>Sensors and Actuators, B: Chemical</i> , 2018, 264, 426, https://doi.org/10.1016/j.snb.2018.02.133 ,62, (IF =9.221)
273	Multifunctional Dy (III) doped di-calcium silicate array for boosting display and forensic applications, Venkataravanappa, M., Basavaraj, R.B., Darshan, G.P., Daruka Prasad, B., Sharma, S.C., Hema Prabha, P., Ramani, S., Nagabhushana, H. <i>Journal of Rare Earths</i> , 2018,36,690, https://doi.org/10.1016/j.jre.2017.11.013 ,33, (IF =4.632)
272	Bio-template assisted solvothermal synthesis of broom-like BaTiO ₃ : Nd ³⁺ hierarchical architectures for display and forensic applications, Dhanalakshmi, M., Nagabhushana, H., Sharma, S.C., Basavaraj, R.B., Darshan, G.P., Kavyashree, D., <i>Materials Research Bulletin</i> , 2018,102, 235, https://doi.org/10.1016/j.materresbull.2018.02.003 ,33, (IF =5.6)
271	Simple fabrication of reduced graphene oxide -few layer MoS ₂ nanocomposite for enhanced electrochemical performance in supercapacitors and water purification, Raghu, M.S., Yogesh Kumar, K., Rao, S., Aravinda, T., Sharma, S.C., Prashanth, M.K. <i>Physica B: Condensed Matter</i> , 2018 , 537, 336, https://doi.org/10.1016/j.physb.2018.02.017 ,32, (IF = 2.988)
270	SiO ₂ @LaOF:Eu ³⁺ core-shell functional nanomaterials for sensitive visualization of latent fingerprints and WLED applications, Suresh, C., Nagabhushana, H., Basavaraj, R.B., Darshan, G.P., Kavyashree, D., Daruka Prasad, B., Sharma, S.C., Vanithamani, R. <i>Journal of Colloid and Interface Science</i> , 2018, 518,200, https://doi.org/10.1016/j.jcis.2018.01.093 , 55, (IF =9.965)
269	Facile LaOF: Sm ³⁺ based labeling agent and their applications in residue chemistry of latent fingerprint and cheiloscopy under UV-visible light, Suresh, C., Nagabhushana, H., Darshan, G.P., Basavaraj, R.B., Kavyashree, D., Sharma, S.C., Arulmozhi, A., Daruka Prasad, B., Amith Yadav, H.J., <i>Arabian Journal of Chemistry</i> , 2018,11,460 https://doi.org/10.1016/j.arabjc.2017.09.014 ,61 , (IF =6.212)
268	Rapid synthesis of C-dot@TiO ₂ core-shell composite labeling agent: Probing of complex fingerprints recovery in fresh water, Amith Yadav, H.J., Eraiah, B., Basavaraj, R.B., Nagabhushana, H., Darshan, G.P., Sharma, S.C., Daruka Prasad, B., Nithya, R., Shanthi, S. <i>Journal of Alloys and Compounds</i> , 2018,742,1006 https://doi.org/10.1016/j.jallcom.2017.12.251 ,26, (IF =6.371)
267	Rapid visualization of fingerprints on various surfaces using ZnO superstructures prepared via simple combustion route, Deepthi, N.H., Basavaraj, R.B., Sharma, S.C., Revathi, J., Ramani, Sreenivasa, S., Nagabhushana, H. <i>Journal of Science: Advanced Materials and Devices</i> , 2018,3,18, https://doi.org/10.1016/j.jsamd.2018.01.007 ,22, (IF = 7.382)

266	Corrigendum to Positron annihilation spectroscopy and photoluminescence investigation of LaOF:Tb ³⁺ nanophosphor fabricated via ultrasound assisted sonochemical route • [Mater. Sci. Eng. B 224 (2017)] (S0921510717301551) (10.1016/j.mseb.2017.07.001)) Suresh, C., Nagabhushana, H., Darshan, G.P., Basavaraj, R.B., Sharma, S.C., Sunitha, D.V., Daruka Prasad, B., Williams, J.F., Hareesh, K. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2018, 228, 267, https://doi.org/10.1016/j.mseb.2017.11.008 , (IF = 3.407)
265	Lanthanum oxyfluoride nanostructures prepared by modified sonochemical method and their use in the fields of optoelectronics and biotechnology, Suresh, C., Nagabhushana, H., Darshan, G.P., Basavaraj, R.B., Daruka Prasad, B., Sharma, S.C., Sateesh, M.K., Shabaaz Begum, J.P. <i>Arabian Journal of Chemistry</i> , 2018, 11, 196, https://doi.org/10.1016/j.arabjc.2017.03.006 , 33, (IF = 6.212)
264	Synthesis of ZnFe ₂ O ₄ Nanoparticle by Combustion and Sol Gel Methods and their Structural, Photoluminescence and Photocatalytic Performance Renuka, L., Anantharaju, K.S., Sharma, S.C., Vidya, Y.S., Nagaswarupa, H.P., Prashantha, S.C., Nagabhushana, H. <i>Materials Today: Proceedings</i> 2018, 5, 20819, https://doi.org/10.1016/j.matpr.2018.6.467 , 10,
263	Facile ultrasound route for the fabrication of green emitting Ba ₂ SiO ₄ :Eu ²⁺ nanophosphors for display and dosimetric applications, Venkataravanappa, M., Nagabhushana, H., Darshan, G.P., Sharma, S.C., Archana, K.V., Basavaraj, R.B., Prasad, B.D. <i>Materials Research Bulletin</i> 2018, 97, 281, https://doi.org/10.1016/j.materresbull.2017.08.018 , 19, (IF = 5.6)
262	Bio-inspired ultrasonochemical synthesis of blooming flower like ZnO hierarchical architectures and their excellent biostatic performance, Amith Yadav, H.J., Eraiah, B., Nagabhushana, H., Darshan, G.P., Daruka Prasad, B., Sateesh, M.K., Sharma, S.C., Prabha, P.H. <i>Journal of Science: Advanced Materials and Devices</i> , 2017, 2, 455, https://doi.org/10.1016/j.jsamd.2017.11.004 , 7, (IF = 7.382)
261	Red and green emitting CTAB assisted CdSiO ₃ :Tb ³⁺ /Eu ³⁺ nanopowders as fluorescent labeling agents used in forensic and display applications, Basavaraj, R.B., Nagabhushana, H., Darshan, G.P., Daruka Prasad, B., Rahul, M., Sharma, S.C., Sudaramani, R., Archana, K.V. <i>Dyes and Pigments</i> , 2017, 147, 364, https://doi.org/10.1016/j.dyepig.2017.08.011 , 97, (IF = 5.112)
260	Fabricated ceo ₂ nanopowders as a novel sensing platform for advanced forensic, electrochemical and photocatalytic applications, Rohini, B.S., Nagabhushana, H., Darshan, G.P., Basavaraj, R.B., Sharma, S.C., Sudarmani, R. <i>Applied Nanoscience (Switzerland)</i> 2017, 7 815, https://doi.org/10.1007/s13204-017-0611-x , 15, (IF = 3.869)
259	Vitis labruska skin extract assisted green synthesis of ZnO super structures for multifunctional applications, Udayabhanu, Nagaraju, G., Nagabhushana, H., Suresh, D., Anupama, C., Raghu, G.K., Sharma, S.C., <i>Ceramics International</i> , 2017, 43, 11656, https://doi.org/10.1016/j.ceramint.2017.05.351 , 57, (IF = 5.532)

258	Positron annihilation spectroscopy and photoluminescence investigation of LaOF:Tb ³⁺ nanophosphor fabricated via ultrasound assisted sonochemical route, Suresh, C., Nagabhushana, H., Darshan, G.P., Basavaraj, R.B., Sharma, S.C., Sunitha, D.V., Daruka Prasad, B. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2017, 224, 28, https://doi.org/10.1016/j.mseb.2017.07.001 , 12, (IF = 3.407)
257	Structural, morphological and photometric properties of sonochemically synthesized Eu ³⁺ doped Y ₂ O ₃ nanophosphor for optoelectronic devices, Venkatachalaiah, K.N., Nagabhushana, H., Darshan, G.P., Basavaraj, R.B., Prasad, B.D., Sharma, S.C. <i>Materials Research Bulletin</i> , 2017, 94, 442, https://doi.org/10.1016/j.materresbull.2017.06.025 , 30, (IF = 5.6)
256	Blue light emitting Y ₂ O ₃ :Tm ³⁺ nanophosphors with tunable morphology obtained by bio-surfactant assisted sonochemical route, Venkatachalaiah, K.N., Nagabhushana, H., Darshan, G.P., Basavaraj, R.B., Daruka Prasad, B., Sharma, S.C. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> 2017, 184, 89, https://doi.org/10.1016/j.saa.2017.04.033 , 24, (IF = 4.831)
255	Structural, thermal and optical properties of Cu ²⁺ doped methacrylic acid-ethyl acrylate (MAA:EA) copolymer films Kumar, Y.M., Gopal, N.O., Ramu, C.H., Babu, S., Rao, J.L., Nagabhushana, H., Sharma, S.C. <i>Bulletin of Materials Science</i> , 2017, 40, 877, https://doi.org/10.1007/s12034-017-1453-6 , 7, (IF = 1.878)
254	Extraction of Y ₂ O ₃ :Cr ³⁺ nanophosphor by eco-friendly approach and its suitability for white light-emitting diode applications, Prasanna Kumar, J.B., Ramgopal, G., Sunitha, D.V., Prasad, B.D., Nagabhushana, H., Vidya, Y.S., Anantharaju, K.S., Prashantha, S.C., Sharma, S.C., Prabhakara, K.R., <i>Luminescence</i> , 2017, 32, 414, https://doi.org/10.1002/bio.3197 , 2 , (IF = 2.464)
253	Development of electromagnetic engine for future transport applications, Adarsha, H., Prasad, K.V., Harishanand, K.S., Sharma, S.C. <i>International Journal of Mechanical and Production Engineering Research and Development</i> , 2017, 7, 145
252	Facile Ultrasound Route to Prepare Micro/Nano Superstructures for Multifunctional Applications, Yadav, H.J.A., Eraiah, B., Nagabhushana, H., Darshan, G.P., Prasad, B.D., Sharma, S.C., Premkumar, H.B., Anantharaju, K.S., Vijayakumar, G.R. <i>ACS Sustainable Chemistry and Engineering</i> , 2017, 5 , 2061, https://doi.org/10.1021/acssuschemeng.6b01693 31, (IF = 9.224)
251	Designing MgFe ²⁺ O ₄ decorated on green mediated reduced graphene oxide sheets showing photocatalytic performance and luminescence property, Shetty, K., Lokesh, S.V., Rangappa, D., Nagaswarupa, H.P., Nagabhushana, H., Anantharaju, K.S., Prashantha, S.C., Vidya, Y.S., Sharma, S.C. <i>Physica B: Condensed Matter</i> , 2017, 507, 67, https://doi.org/10.1016/j.physb.2016.11.021 , 25, (IF = 2.988)
250	Photocatalytic and Photoluminescence studies of ZnO nanomaterials by Banana peel powder Arun Kumar, N.B., Sirajudeen, J., Nagaswarupa, H.P., Anil Kumar, M.R., Ravi Kumar, C.R., Gurushantha, K., Shashi Shekhar, T.R., Anantharaju, K.S., Vishnu Mahesh, K.R., Sharma, S.C., Nagabhushana, H., <i>Materials Today: Proceedings</i> , 2017, 4, 11827 https://doi.org/10.1016/j.matpr.2017.09.101 , 8, (IF = 1.46)
249	Synthesis and Photometric Properties of SrAl ₂ O ₄ : Gd ³⁺ Nanophosphors via Solution Combustion Method, Ashwini, K.R., Premkumar, H.B., Darshan, G.P., Nagabhushana, H., Sharma, S.C., Prashantha, S.C., Nagaswarupa, H.P. <i>Materials Today: Proceedings</i> , 2017, 4, 12168, https://doi.org/10.1016/j.matpr.2017.09.146 , 6, (IF = 1.46)

248	Synthesis and Photoluminescence Studies of an Orange Red Color Emitting novel CaAl_2O_4 : Sm^{3+} nanophosphor for LED Applications, Shashikala, B.S., Premkumar, H.B., Darshan, G.P., Nagabhushana, H., Sharma, S.C., Prashantha, S.C., Nagaswarupa, H.P. <i>Materials Today: Proceedings</i> , 2017,4,11820, https://doi.org/10.1016/j.matpr.2017.09.100 , 10, (IF = 1.46)
247	Hydrothermal Synthesis of TiO_2 -rGO by Green Chemical Method, Udayabhanu, Nagabhushana, H., Suresh, D., Rajanaika, H., Sharma, S.C., Nagaraju, G. <i>Materials Today: Proceedings</i> , 2017, 4, 11888 https://doi.org/10.1016/j.matpr.2017.09.108 , 5, (IF = 1.46)
246	UV - Sun light Photocatalytic and photoluminescence Studies of Rare-Earth-Doped (Sm^{3+}) MgO nanopowders by Aloe Vera gel, Anil Kumar, M.R., Nagaswarupa, H.P., Prashantha, S.C., Channakeshavalu, K., Anantharaju, K.S., Nagabhushana, H., Sharma, S.C., Vishnu Mahesh, K.R. <i>Materials Today: Proceedings</i> , 2017,4, 11737 https://doi.org/10.1016/j.matpr.2017.09.090 1, (IF =1.46)
245	One pot green synthesis of MnCO_3 -rGO composite hybrid superstructure: Application to lithium ion battery and biosensor, Udayabhanu, Muralikrishna, S., Kishore, B., Nagabhushana, H., Suresh, D., Sharma, S.C., Nagaraju, G. <i>New Journal of Chemistry</i> , 2017,41,12854, https://doi.org/10.1039/c7nj01781b ,27, (IF =3.925)
244	Versatile core shell SiO_2 @ SrTiO_3 : Eu^{3+} , Li^+ nanopowders as fluorescent label for the visualization of latent fingerprints and anti-counterfeiting applications, Sandhyarani, A., Kokila, M.K., Darshan, G.P., Basavaraj, R.B., Daruka Prasad, B., Sharma, S.C., Lakshmi, T.K.S., Nagabhushana, H. <i>Chemical Engineering Journal</i> 2017,327,1135, https://doi.org/10.1016/j.cej.2017.06.093 ,93, (IF =16.744)
243	Calotropis gigantean-assisted $\text{YSO}:\text{Pr}^{3+}$ nanophosphors: Near-ultraviolet (NUV) photoluminescence and J-O analysis for solid-state lighting solutions, Ramakrishna, G., Nagabhushana, H., Basavaraj, R.B., Naik, R., Sharma, S.C., Daruka Prasad, B., Premkumar, H.B., Anantharaju, K.S., Prashantha, S.C. <i>Inorganic and Nano-Metal Chemistry</i> , 2017 ,47, 1234 https://doi.org/10.1080/24701556.2017.1284120 ,2, (IF =1.541)
242	Multifunctional applications of self - Assembled 3D CeO_2 : Cr^{3+} hierarchical structures synthesized via ultrasound assisted sonochemical route, Rohini, B.S., Nagabhushana, H., Darshan, G.P., Basavaraj, R.B., Sharma, S.C., Amudha, P., Rahul, M., Daruka Prasad, B. <i>Journal of Alloys and Compounds</i> , 2017,724,897, https://doi.org/10.1016/j.jallcom.2017.07.054 ,23, (IF =6.371)
241	A simple combustion method for the synthesis of multi-functional ZrO_2/CuO nanocomposites: Excellent performance as Sunlight photocatalysts and enhanced latent fingerprint detection Renuka, L., Anantharaju, K.S., Vidya, Y.S., Nagaswarupa, H.P., Prashantha, S.C., Sharma, S.C., Nagabhushana, H., Darshan, G.P. <i>Applied Catalysis B: Environmental</i> , 2017, 210,97, https://doi.org/10.1016/j.apcatb.2017.03.055 , 78 , (IF = 24.319)
240	New green synthesized reduced graphene oxide- ZrO_2 composite as high performance photocatalyst under sunlight, Gurushantha, K., Anantharaju, K.S., Renuka, L., Sharma, S.C., Nagaswarupa, H.P., Prashantha, S.C., Vidya, Y.S., Nagabhushana, H. <i>RSC Advances</i> , 2017, 7,12690, https://doi.org/10.1039/c6ra25823a , 80, (IF =4.036)
239	A comparative study on the structural, optical, electrochemical and photocatalytic properties of ZrO_2 nanooxide synthesized by different routes, Renuka, L., Anantharaju, K.S., Sharma, S.C., Nagabhushana, H., Vidya, Y.S., Nagaswarupa, H.P., Prashantha, S.C. <i>Journal of Alloys and Compounds</i> , 2017,695,382, https://doi.org/10.1016/j.jallcom.2016.10.126 54, (IF =6.371)

238	Spectroscopic properties of red emitting Eu ³⁺ doped Y ₂ SiO ₅ nanophosphors for WLEDs on the basis of Judd-Ofelt analysis: Calotropis gigantea latex mediated synthesis, Ramakrishna, G., Nagabhushana, H., Prasad, B.D., Vidya, Y.S., Sharma, S.C., Anantharaju, K.S., Prashantha, S.C., Choudhary, N., <i>Journal of Luminescence</i> , 2017, 181, 153, https://doi.org/10.1016/j.jlumin.2016.08.050 ,33 , (IF = 4.171)
237	Mimosa pudica mediated praseodymium substituted calcium silicate nanostructures for white LED application, Basavaraj, R.B., Nagabhushana, H., Prasad, B.D., Sharma, S.C., Venkatachalaiah, K.N. <i>Journal of Alloys and Compounds</i> ,2017, 690, 730, https://doi.org/10.1016/j.jallcom.2016.08.064 ,51, (IF =6.371)
236	Green, Nonchemical Route for the Synthesis of ZnO Superstructures, Evaluation of Its Applications toward Photocatalysis, Photoluminescence, and Biosensing, Udayabhanu, Nagaraju, G., Nagabhushana, H., Basavaraj, R.B., Raghu, G.K., Suresh, D., Rajanaika, H., Sharma, S.C. <i>Crystal Growth and Design</i> , 2016, 16, 6828 https://doi.org/10.1021/acs.cgd.6b00936 ,78, (IF =4.01)
235	Superstructures of doped yttrium aluminates for luminescent and advanced forensic investigations, Darshan, G.P., Premkumar, H.B., Nagabhushana, H., Sharma, S.C., Daruka Prasad, B., Prashantha, S.C., Basavaraj, R.B. <i>Journal of Alloys and Compounds</i> , 2016, 686, 577, https://doi.org/10.1016/j.jallcom.2016.05.255 ,94, (IF =6.371)
234	Caralluma fimbriata extract induced green synthesis, structural, optical and photocatalytic properties of ZnO nanostructure modified with Gd, Mishra, P., Singh, Y.P., Nagaswarupa, H.P., Sharma, S.C., Vidya, Y.S., Prashantha, S.C., Nagabhushana, H., Anantharaju, K.S., Sharma, S., Renuka, L. <i>Journal of Alloys and Compounds</i> , 2016, 685, 656, https://doi.org/10.1016/j.jallcom.2016.05.044 ,39, (IF =6.371)
232	Neodymium doped yttrium aluminate synthesis and optical properties “ A blue light emitting nanophosphor and its use in advanced forensic analysis, Darshan, G.P., Premkumar, H.B., Nagabhushana, H., Sharma, S.C., Prasad, B.D., Prashantha, S.C., <i>Dyes and Pigments</i> , 2016, 134 227, https://doi.org/10.1016/j.dyepig.2016.06.029 , 65, (IF =5.112)
231	Effect of fuel on auto ignition route, photoluminescence and photometric studies of tunable red emitting Mg ₂ SiO ₄ :Cr ³⁺ nanophosphors for solid state lighting applications Naik, R., Prashantha, S.C., Nagabhushana, H., Sharma, S.C., Nagaswarupa, H.P., Girish, K.M. <i>Journal of Alloys and Compounds</i> , 2016, 682, 815, https://doi.org/10.1016/j.jallcom.2016.05.037 , 29 , (IF = 6.371)

230	Blue light emitting ceramic nano-pigments of Tm ³⁺ doped YAlO ₃ : Applications in latent finger print, anti-counterfeiting and porcelain stoneware, Darshan, G.P., Premkumar, H.B., Nagabhushana, H., Sharma, S.C., Prashantha, S.C., Nagaswarup, H.P., Prasad, B.D., <i>Dyes and Pigments</i> , 2016, 131, 268, https://doi.org/10.1016/j.dyepig.2016.02.015 , 8 3 , (IF =5.112)
229	Facile green fabrication of nanostructure ZnO plates, bullets, flower, prismatic tip, closed pine cone: Their antibacterial, antioxidant, photoluminescent and photocatalytic properties Madan, H.R., Sharma, S.C., Udayabhanu, Suresh, D., Vidya, Y.S., Nagabhushana, H., Rajanaik, H., Anantharaju, K.S., Prashantha, S.C., Sadananda Maiya, P., <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2016, 152, 404, https://doi.org/10.1016/j.saa.2015.07.067 , 143, (IF =4.831)
228	Visible photon excited photoluminescence; Photometric characteristics of a green light emitting Zn ₂ TiO ₄ :Tb ³⁺ nanophosphor for wLEDs, Girish, K.M., Prashantha, S.C., Naik, R., Nagabhushana, H., Nagaswarupa, H.P., Premakumar, H.B., Sharma, S.C., Raju, K.S.A. <i>Materials Research Express</i> 2016, 3, , (IF =2.025) https://doi.org/10.1088/2053-1591/3/7/075015 ,19
227	Green synthesis, structural characterization and photoluminescence properties of Sm ³⁺ co-doped Y ₂ SiO ₅ :Ce ³⁺ nanophosphors for wLEDs, Ramakrishna, G., Nagabhushana, H., Basavaraj, R.B., Prashantha, S.C., Sharma, S.C., Naik, R., Anantharaju, K.S., <i>Optik</i> 2016, 127, 5310, https://doi.org/10.1016/j.ijleo.2016.03.034 , 29, (IF =2.84)
226	Facile EGCG assisted green synthesis of raspberry shaped CdO nanoparticles, Nagabhushana, H., Basavaraj, R.B., Daruka Prasad, B., Sharma, S.C., Premkumar, H.B., Udayabhanu, Vijayakumar, G.R. <i>Journal of Alloys and Compounds</i> , 2016, 669, 232, https://doi.org/10.1016/j.jallcom.2016.01.201 64, (IF =6.371)
225	Judd Ofelt analysis and energy transfer mechanism in Pr ³⁺ doped Mg ₂ SiO ₄ nanophosphors Naik, R., Prashantha, S.C., Nagabhushana, H., Sharma, S.C., Jnaneshwara, D.M., Ananthraju, K.S., Nagaswarupa, H.P., Premkumar, H.B., Chandrasekhar, M., <i>AIP Conference Proceedings</i> , 2016, 1731, https://doi.org/10.1063/1.4947688 , 1,
224	Aloe vera mediated hydrothermal synthesis of reduced graphene oxide decorated ZnO nanocomposite: Luminescence and antioxidant properties, Kavyashree, D., Nagabhushana, H., Ananda Kumari, R., Basavaraj, R.B., Suresh, D., Daruka Prasad, B., Sharma, S.C. <i>European Physical Journal Plus</i> , 2016, 131, 1 https://doi.org/10.1140/epjp/i2016-16158-7 ,1, (IF =3.758)
223	Synthesis and photoluminescence properties of CdSiO ₃ :Ho ³⁺ nanophosphor, Manohara, B.M., Nagabhushana, H., Thyagarajan, K., Daruka Prasad, B., Prashantha, S.C., Sharma, S.C., Nagabhushana, B.M. <i>Advanced Science Letters</i> , 2016, 22, 785, https://doi.org/10.1166/asl.2016.6923 ,2, (IF =1.253)
222	Structural refinement, band-gap analysis and optical properties of GdAlO ₃ nanophosphors influenced by Dy ³⁺ ion concentrations for white light emitting device applications Jisha, P.K., Naik, R., Prashantha, S.C., Nagaswarupa, H.P., Nagabhushana, H., Basavaraj, R.B., Sharma, S.C., Prasad, D. <i>Materials Research Express</i> , 2016, 3 https://doi.org/10.1088/2053-1591/3/4/045007 ,27, (IF = 2.025)

221	Tunable white light emissive Mg ₂ SiO ₄ :Dy ³⁺ nanophosphor: Its photoluminescence, Judd-Ofelt and photocatalytic studies, Naik, R., Prashantha, S.C., Nagabhushana, H., Sharma, S.C., Nagaswarupa, H.P., Anantharaju, K.S., Jnaneshwara, D.M., Girish, K.M, <i>Dyes and Pigments</i> 2016,127, 25, https://doi.org/10.1016/j.dyepig.2015.12.014 , 46 , (IF = 5.122)
220	White light emission and energy transfer (Dy ³⁺ -> Eu ³⁺) in combustion synthesized YSO: Dy ³⁺ , Eu ³⁺ nanophosphors Ramakrishna, G., Naik, R., Nagabhushana, H., Basavaraj, R.B., Prashantha, S.C., Sharma, S.C., Anantharaju, K.S. <i>Optik</i> , 2016,127, 2939, https://doi.org/10.1016/j.ijleo.2015.11.234 , 31, (IF =2.84)
219	Effective fingerprint recognition technique using doped yttrium aluminate nano phosphor material, Darshan, G.P., Premkumar, H.B., Nagabhushana, H., Sharma, S.C., Prashanth, S.C., Prasad, B.D. <i>Journal of Colloid and Interface Science</i> , 2016,464,206, https://doi.org/10.1016/j.jcis.2015.11.025 ,114, (IF = 9.965)
218	Incorporation of Cr ³⁺ ions in tuning the magnetic and transport properties of nano zinc ferrite , Prasad, B.D., Nagabhushana, H., Thyagarajan, K., Sharma, S.C., Shivakumara, C., Gopal, N.O., Nagabhushana, B.M., Ke, S.-C., Chakradhar, R.P.S., Prabhakara, K.R. <i>Journal of Alloys and Compounds</i> , 2016,657,95, https://doi.org/10.1016/j.jallcom.2015.09.270 ,6, (IF =6.371)
217	Hollow microspheres Mg-doped ZrO ₂ nanoparticles: Green assisted synthesis and applications in photocatalysis and photoluminescence, Renuka, L., Anantharaju, K.S., Sharma, S.C., Nagaswarupa, H.P., Prashantha, S.C., Nagabhushana, H., Vidya, Y.S., <i>Journal of Alloys and Compounds</i> , 2016,672,609, https://doi.org/10.1016/j.jallcom.2016.02.124 , 83, (IF = 6.371)
216	ZnO nano-flowers from Carica papaya milk: Degradation of Alizarin Red-S dye and antibacterial activity against Pseudomonas aeruginosa and Staphylococcus aureus , Sharma, S.C. <i>Optik</i> , 2016, 127,6498, https://doi.org/10.1016/j.ijleo.2016.04.036 62, (IF =2.84)
215	Bio-mediated Sm doped nano cubic zirconia: Photoluminescent, Judd-Ofelt analysis, electrochemical impedance spectroscopy and photocatalytic performance, Gurushantha, K., Anantharaju, K.S., Sharma, S.C., Nagaswarupa, H.P., Prashantha, S.C., Mahesh, K.R.V., Renuka, L., Vidya, Y.S., Nagabhushana, H. <i>Journal of Alloys and Compounds</i> , 2016,685 ,761, https://doi.org/10.1016/j.jallcom.2016.06.105 ,37, (IF =6.371)
214	Structural, photoluminescence and thermoluminescence properties of CeO ₂ nanoparticles Malleshappa, J., Nagabhushana, H., Prasad, B.D., Sharma, S.C., Vidya, Y.S., Anantharaju, K.S. <i>Optik</i> , 2016, 127, 855, https://doi.org/10.1016/j.ijleo.2015.10.114 , 51, (IF =2.84)
213	Spectroscopic and photoluminescence properties of MgO:Cr ³⁺ nanosheets for WLEDs Devaraja, P.B., Nagabhushana, H., Sharma, S.C., Naik, R., Prashantha, S.C., Nagaswarupa, H.P., Anantharaju, K.S., Premkumar, H.B., Jnaneshwara, D.M. <i>Displays</i> , 2016, 41,16, https://doi.org/10.1016/j.displa.2015.10.006 ,11, (IF =3.074)
212	Green synthesis of Y ₂ O ₃ :Dy ³⁺ nanophosphor with enhanced photocatalytic activity Prasanna Kumar, J.B., Ramgopal, G., Vidya, Y.S., Anantharaju, K.S., Daruka Prasad, B., Sharma, S.C., Prashantha, S.C., Nagaswarupa, H.P., Kavyashree, D., Nagabhushana, H. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2015,149,687, https://doi.org/10.1016/j.saa.2015.05.007 46, (IF =4.831)

211	Leucas aspera mediated multifunctional CeO ₂ nanoparticles: Structural, photoluminescent, photocatalytic and antibacterial properties, Malleshappa, J., Nagabhushana, H., Sharma, S.C., Vidya, Y.S., Anantharaju, K.S., Prashantha, S.C., Daruka Prasad, B., Raja Naika, H., Lingaraju, K., Surendra, B.S. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> 2015, 149, 452, https://doi.org/10.1016/j.saa.2015.04.073 , 92, (IF =4.831)
210	A single host white light emitting Zn ₂ SiO ₄ :Re ³⁺ (Eu, Dy, Sm) phosphor for LED applications Basavaraj, R.B., Nagabhushana, H., Daruka Prasad, B., Sharma, S.C., Prashantha, S.C., Nagabhushana, B.M. <i>Optik</i> ,2015,126,1745 https://doi.org/10.1016/j.ijleo.2014.07.149 , 73, (IF =2.84)
209	Banyan latex: A facile fuel for the multifunctional properties of MgO nanoparticles prepared via auto ignited combustion route, Anil Kumar, M.R., Nagaswarupa, H.P., Anantharaju, K.S., Gurushantha, K., Pratapkumar, C., Prashantha, S.C., Shashishekar, T.R., Nagabhushana, H., Sharma, S.C., Vidya, Y.S., Daruka Prasad, B., Vivek Babu, C.S., Vishnu Mahesh, K.R. <i>Materials Research Express</i> , 2015, 2, https://doi.org/10.1088/2053-1591/2/9/095004 , 19 , (IF = 2.025)
208	Synthesis of Eu ³⁺ -activated ZnO superstructures: Photoluminescence, Judd-Ofelt analysis and Sunlight photocatalytic properties, Chandrasekhar, M., Nagabhushana, H., Vidya, Y.S., Anantharaju, K.S., Sharma, S.C., Premkumar, H.B., Prashantha, S.C., Prasad, B.D., Shivakumara, C., Saraf, R., Nagaswarupa, H.P. <i>Journal of Molecular Catalysis A: Chemical</i> 2015,409,26, https://doi.org/10.1016/j.molcata.2015.08.002 ,38, (IF =5.089)
207	Chironji mediated facile green synthesis of ZnO nanoparticles and their photoluminescence, photodegradative, antimicrobial and antioxidant activities, Suresh, D., Nethravathi, P.C., Udayabhanu, Pavan Kumar, M.A., Raja Naika, H., Nagabhushana, H., Sharma, S.C. <i>Materials Science in Semiconductor Processing</i> ,2015 ,40,759, https://doi.org/10.1016/j.mssp.2015.06.088 , 50, (IF = 4.644)
206	Garcinia xanthochymus mediated green synthesis of ZnO nanoparticles: Photoluminescence, photocatalytic and antioxidant activity studies, Nethravathi, P.C., Shruthi, G.S., Suresh, D., Udayabhanu, Nagabhushana, H., Sharma, S.C. <i>Ceramics International</i> ,2015,41, 8680 https://doi.org/10.1016/j.ceramint.2015.03.084 ,93, (IF = 5.532)
205	One pot auto-ignition based synthesis of novel Sr ₂ CeO ₄ : Ho ³⁺ nanophosphor for photoluminescent applications, Monika, D.L., Nagabhushana, H., Nagabhushana, B.M., Sharma, S.C., Anantharaju, K.S., Daruka Prasad, B., Shivakumara, C. <i>Journal of Alloys and Compounds</i> ,2015,648,1051, https://doi.org/10.1016/j.jallcom.2015.06.254 ,11, (IF =6.371)
204	Cinnamon supported facile green reduction of graphene oxide, its dye elimination and antioxidant activities, Suresh, D., Udayabhanu, Pavan Kumar, M.A., Nagabhushana, H., Sharma, S.C. <i>Materials Letters</i> ,2015,151, 93 https://doi.org/10.1016/j.matlet.2015.03.035 ,54 , (IF =3.574)
203	Orange red emitting Eu ³⁺ doped zinc oxide nanophosphor material prepared using Guizotia abyssinica seed extract: Structural and photoluminescence studies Kavyashree, D., Kumari, R.A., Nagabhushana, H., Sharma, S.C., Vidya, Y.S., Anantharaju, K.S., Prasad, B.D., Prashantha, S.C., Lingaraju, K., Rajanaik, H. <i>Journal of Luminescence</i> , 2015 ,167,91, https://doi.org/10.1016/j.jlumin.2015.06.013 , 28 , (IF =4.171)
202	Bio-mediated route for the synthesis of shape tunable Y ₂ O ₃ : Tb ³⁺ nanoparticles: Photoluminescence and antibacterial properties, Prasannakumar, J.B., Vidya, Y.S., Anantharaju, K.S., Ramgopal, G., Nagabhushana, H., Sharma, S.C., Daruka Prasad, B., Prashantha, S.C., Basavaraj, R.B., Rajanaik, H., Lingaraju, K., Prabhakara, K.R.,

	Nagaswarupa, H.P. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2015,151,131, https://doi.org/10.1016/j.saa.2015.06.081 , 39, (IF = 4.831)
201	Photoluminescence and Judd-Ofelt analysis of Eu ³⁺ doped LaAlO ₃ nanophosphors for WLEDs Manohar, T., Naik, R., Prashantha, S.C., Nagabhushana, H., Sharma, S.C., Nagaswarupa, H.P., Anantharaju, K.S., Pratapkumar, C., Premkumar, H.B. <i>Dyes and Pigments</i> ,2015 ,122,22 https://doi.org/10.1016/j.dyepig.2015.06.002 ,56 , (IF =5.122)
200	Combustion synthesis of MgO nanoparticles using plant extract: Structural characterization and photoluminescence studies, Kumar, D., Yadav, L.S.R., Lingaraju, K., Manjunath, K., Suresh, D., Prasad, D., Nagabhushana, H., Sharma, S.C., Naika, H.R., Chikkahanumantharayappa, Nagaraju, G. <i>AIP Conference Proceedings</i> , 2015 ,1665 https://doi.org/10.1063/1.4917786 ,26,
199	Shape tailored green synthesis of CeO ₂ :Ho ³⁺ nanopowders, its structural, photoluminescence and gamma radiation sensing properties, Malleshappa, J., Nagabhushana, H., Kavyashree, D., Prashantha, S.C., Sharma, S.C., Premkumar, H.B., Shivakumara, C. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2015, 145, 63 https://doi.org/10.1016/j.saa.2015.02.075 ,17, (IF =4.831)
198	Beta vulgaris aided green synthesis of ZnO nanoparticles and their luminescence, photocatalytic and antioxidant properties, Pavan Kumar, M.A., Suresh, D., Nagabhushana, H., Sharma, S.C. <i>European Physical Journal Plus</i> ,2015, 130 https://doi.org/10.1140/epjp/i2015-15109-2 36 , (IF =3.758)
197	Cadmium silicate nanopowders for radiation dosimetry application: Luminescence and dielectric studies, Manohara, B.M., Nagabhushana, H., Thyagarajan, K., Prasad, B.D., Prashantha, S.C., Sharma, S.C., Nagabhushana, B.M. <i>Journal of Asian Ceramic Societies</i> ,2015,3,188, https://doi.org/10.1016/j.jascer.2015.02.003 , 8, (IF =2.546)
196	ZnO superstructures as an antifungal for effective control of Malassezia furfur, dermatologically prevalent yeast: Prepared by aloe vera assisted combustion method, Kavyashree, D., Shilpa, C.J., Nagabhushana, H., Daruka Prasad, B., Sreelatha, G.L., Sharma, S.C., Ashoka, S., Anandakumari, R., Premkumar, H.B. <i>ACS Sustainable Chemistry and Engineering</i> , 2015,3,1066 https://doi.org/10.1021/sc500784p , 21, (IF =9.224)
195	Bio-inspired route for the synthesis of spherical shaped MgO:Fe ³⁺ nanoparticles: Structural, photoluminescence and photocatalytic investigation, Anilkumar, M.R., Nagaswarupa, H.P., Nagabhushana, H., Sharma, S.C., Vidya, Y.S., Anantharaju, K.S., Prashantha, S.C., Shivakumara, C., Gurushantha, K. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2015,149,703, https://doi.org/10.1016/j.saa.2015.05.003 ,43, (IF =4.831)
194	Bio-inspired synthesis of Y ₂ O ₃ : Eu ³⁺ red nanophosphor for eco-friendly photocatalysis ,Prasanna Kumar, J.B., Ramgopal, G., Vidya, Y.S., Anantharaju, K.S., Daruka Prasad, B., Sharma, S.C., Prashantha, S.C., Premkumar, H.B., Nagabhushana, H. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> ,2015,141,149 https://doi.org/10.1016/j.saa.2015.01.055 ,68, (IF =4.831)
193	Artocarpus gomezianus aided green synthesis of ZnO nanoparticles: Luminescence, photocatalytic and antioxidant properties, Suresh, D., Shobharani, R.M., Nethravathi, P.C., Pavan Kumar, M.A., Nagabhushana, H., Sharma, S.C. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> 2015,141,128 https://doi.org/10.1016/j.saa.2015.01.048 ,157, (IF =4.831)
192	A single phase, red emissive Mg ₂ SiO ₄ :Sm ³⁺ nanophosphor prepared via rapid propellant combustion route, Naik, R., Prashantha, S.C., Nagabhushana, H., Sharma, S.C., Nagaswarupa,

	H.P., Anantharaju, K.S., Nagabhushana, B.M., Premkumar, H.B., Girish, .M. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> 2015, 140,516, https://doi.org/10.1016/j.saa.2015.01.011 ,38, (IF =4.831)
191	Spinach assisted green reduction of graphene oxide and its antioxidant and dye absorption properties, Suresh, D., Nethravathi, P.C., Udayabhanu, A., Nagabhushana, H., Sharma, S.C. <i>Ceramics International</i> , 2015, 41,4810 https://doi.org/10.1016/j.ceramint.2014.12.036 65, (IF =5.532)
190	Calotropis mediated hydrothermal route for the synthesis of Eu ³⁺ activated La(OH) ₃ and La ₂ O ₃ red phosphors, Chandrashekar, M., Nagabhushana, H., Sharma, S.C., Vidya, Y.S., Anantharaju, K.S., Prasad, D., Prashantha, S.C., Kavyashree, D., Sadananda Maiya, P. <i>Materials Research Express</i> 2015, 2, https://doi.org/10.1088/2053-1591/2/4/045402 ,14, (IF =2.025)
189	Zn ₂ TiO ₄ :Eu ³⁺ nanophosphor: Self explosive route and its near UV excited photoluminescence properties for WLEDs Girish, K.M., Naik, R., Prashantha, S.C., Nagabhushana, H., Nagaswarupa, H.P., Anantha Raju, K.S., Premkumar, H.B., Sharma, S.C., Nagabhushana, B.M. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> 2015,138,857, https://doi.org/10.1016/j.saa.2014.10.097 ,53, (IF =4.831)
188	Green engineered ZnO nanopowders by Banyan Tree and E. tirucalli plant latex: Auto ignition route, photoluminescent and photocatalytic properties, Anilkumar, M.R., Nagaswarupa, H.P., Anantharaju, K.S., Gurushantha, K., Pratapkumar, C., Prashantha, S.C., Shashi Shekhar, T.R., Nagabhushana, H., Sharma, S.C., Vidya, Y.S., Prasad, D. <i>Materials Research Express</i> ,2015,2, https://doi.org/10.1088/2053-1591/2/3/035011 , 34, (IF =2.025)
187	Clove extract mediated facile green reduction of graphene oxide, its dye elimination and antioxidant properties Suresh, D., Udayabhanu, Nagabhushana, H., Sharma, S.C. <i>Materials Letters</i> 2015,142,4, https://doi.org/10.1016/j.matlet.2014.11.073 ,53, (IF =3.574)
186	Phase transformation of ZrO ₂ :Tb ³⁺ nanophosphor: Color tunable photoluminescence and photocatalytic activities Vidya, Y.S., Gurushantha, K., Nagabhushana, H., Sharma, S.C., Anantharaju, K.S., Shivakumara, C., Suresh, D., Nagaswarupa, H.P., Prashantha, S.C., Anilkumar, M.R. <i>Journal of Alloys and Compounds</i> ,2015, 622,86 https://doi.org/10.1016/j.jallcom.2014.10.024 ,80, (IF =6.371)
185	EGCG assisted green synthesis of ZnO nanopowders: Photodegradative, antimicrobial and antioxidant activities, Suresh, D., Udayabhanu, Nethravathi, P.C., Lingaraju, K., Rajanaika, H., Sharma, S.C., Nagabhushana, H. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2015,136,1467, https://doi.org/10.1016/j.saa.2014.10.038 ,74, (IF = 4.831)
184	Role of flux on morphology and luminescence properties of Sm ³⁺ doped Y ₂ SiO ₅ nanopowders for WLEDs, Ramakrishna, G., Nagabhushana, H., Prashantha, S.C., Sharma, S.C., Nagabhushana, B.M. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2015,136,356, https://doi.org/10.1016/j.saa.2014.09.041 ,39, (IF =4.831)
183	Calotropis procera mediated combustion synthesis of ZnAl ₂ O ₄ :Cr ³⁺ nanophosphors: Structural and luminescence studies, Ravikumar, B.S., Nagabhushana, H., Sharma, S.C., Vidya, Y.S., Anantharaju, K.S. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2015,136,1027, https://doi.org/10.1016/j.saa.2014.09.126 , 44, (IF = 4.831)

182	Self-propagating combustion synthesis of CdSiO ₃ nano powder: Structural and dosimetric applications Manohara, B.M., Nagabhushana, H., Thyagarajan, K., Prashantha, S.C., Nagabhushana, B.M., Shivakumara, C., Sharma, S.C., <i>Materials Research Express</i> , 2015, 2, https://doi.org/10.1088/2053-1591/2/2/025005 ,6, (IF = 2.025)
181	Combustion synthesized tetragonal ZrO ₂ : Eu ³⁺ nanophosphors: Structural and photoluminescence studies, Vidya, Y.S., Anantharaju, K.S., Nagabhushana, H., Sharma, S.C., Nagaswarupa, H.P., Prashantha, S.C., Shivakumara, C., Danithkumar, <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> 2015, 135, 241, https://doi.org/10.1016/j.saa.2014.06.151 ,113, (IF = 4.813)
180	Euphorbia tirucalli mediated green synthesis of rose like morphology of Gd ₂ O ₃ :Eu ³⁺ red phosphor: Structural, photoluminescence and photocatalytic studies, Vidya, Y.S., Anantharaju, K.S., Nagabhushana, H., Sharma, S.C. <i>Journal of Alloys and Compounds</i> 2015, 619, 760 https://doi.org/10.1016/j.jallcom.2014.09.050 , 52, (IF = 6.371)
179	Spectroscopic and luminescence studies of Cr ³⁺ doped cadmium silicate nano-phosphor Manohara, B.M., Nagabhushana, H., Thyagarajan, K., Daruka Prasad, B., Prashantha, S.C., Sharma, S.C., Nagabhushana, B.M. <i>Journal of Luminescence</i> , 2015, 161, 247 https://doi.org/10.1016/j.jlumin.2015.01.028 ,18 , (IF = 4.171)
178	Facile combustion synthesized orthorhombic GdAlO ₃ :Eu ³⁺ nanophosphors: Structural and photoluminescence properties for WLEDs Jisha, P.K., Naik, R., Prashantha, S.C., Nagabhushana, H., Sharma, S.C., Nagaswarupa, H.P., Anantharaju, K.S., Prasad, B.D., Premkumar, H.B. <i>Journal of Luminescence</i> 2015 ,163, 47 https://doi.org/10.1016/j.jlumin.2015.03.006 , 36 , (IF = 4.171)
177	Tinospora cordifolia mediated facile green synthesis of cupric oxide nanoparticles and their photocatalytic, antioxidant and antibacterial properties Udayabhanu, Nethravathi, P.C., Pavan Kumar, M.A., Suresh, D., Lingaraju, K., Rajanaika, H., Nagabhushana, H., Sharma, S.C. <i>Materials Science in Semiconductor Processing</i> , 2015 ,33, 81 https://doi.org/10.1016/j.mssp.2015.01.034 116, (IF = 4.644)
176	Green synthesis of multifunctional zinc oxide (ZnO) nanoparticles using Cassia fistula plant extract and their photodegradative, antioxidant and antibacterial activities, Suresh, D., Nethravathi, P.C., Udayabhanu, Rajanaika, H., Nagabhushana, H., Sharma, S.C. <i>Materials Science in Semiconductor Processing</i> , 2015, 31 ,446, https://doi.org/10.1016/j.mssp.2014.12.023 ,360, (IF = 4.644)
175	Facile green fabrication of iron-doped cubic ZrO ₂ nanoparticles by Phyllanthus acidus: Structural, photocatalytic and photoluminescent properties , Gurushantha, K., Anantharaju, K.S., Nagabhushana, H., Sharma, S.C., Vidya, Y.S., Shivakumara, C., Nagaswarupa, H.P., Prashantha, S.C., Anilkumar, M.R. <i>Journal of Molecular Catalysis A: Chemical</i> 2015, 397, 36, https://doi.org/10.1016/j.molcata.2014.10.025 , 66, (IF = 5.089)
174	Mg ₂ SiO ₄ :Tb ³⁺ nanophosphor: Auto ignition route and near UV excited photoluminescence properties for WLEDs Naik, R., Prashantha, S.C., Nagabhushana, H., Nagaswarupa, H.P., Anantharaju, K.S., Sharma, S.C., Nagabhushana, B.M., Premkumar, H.B., Girish, K.M. <i>Journal of Alloys and Compounds</i> , 2014, 617, 69 https://doi.org/10.1016/j.jallcom.2014.07.100 , 59, (IF = 6.371)

173	CdSiO ₃ :Eu ³⁺ red nanophosphors prepared by low temperature solution combustion technique, its structural and luminescent properties, Nagabhushana, H., Sunitha, D.V., Sharma, S.C., Prashantha, S.C., Nagabhushana, B.M., Chakradhar, R.P.S. <i>Journal of Alloys and Compounds</i> , 2014,616, 284, https://doi.org/10.1016/j.jallcom.2014.05.228 ,23, (IF = 6.371)
172	GdAlO ₃ :Eu ³⁺ :Bi ³⁺ nanophosphor: Synthesis and enhancement of red emission for WLEDs Shilpa, C.J., Jayaram, A.K., Dhananjaya, N., Nagabhushana, H., Prashantha, S.C., Sunitha, D.V., Sharma, S.C., Shivakumara, C., Nagabhushana, B.M., <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2014, 133, 550, https://doi.org/10.1016/j.saa.2014.05.082 ,33, (IF = 4.831)
171	Role of Cu ²⁺ ions substitution in magnetic and conductivity behavior of nano-CoFe ₂ O ₄ Jnaneshwara, D.M., Avadhani, D.N., Daruka Prasad, B., Nagabhushana, H., Nagabhushana, B.M., Sharma, S.C., Prashantha, S.C., Shivakumara, C. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> 2014, 132, 256, https://doi.org/10.1016/j.saa.2014.04.179 , 45, (IF =4.831)
170	Eco-friendly green synthesis, structural and photoluminescent studies of CeO ₂ :Eu ³⁺ nanophosphors using E. tirucalli plant latex Malleshappa, J., Nagabhushana, H., Prashantha, S.C., Sharma, S.C., Dhananjaya, N., Shivakumara, C., Nagabhushana, B.M., <i>Journal of Alloys and Compounds</i> ,2014,612,425, https://doi.org/10.1016/j.jallcom.2014.05.101 , 49, (IF = 6.371)
169	Synthesis of multicolor emitting Sr _{2-x} Sm _x CeO ₄ nanophosphor with compositionally tuneable photo and thermoluminescence, Monika, D.L., Nagabhushana, H., Sharma, S.C., Nagabhushana, B.M., Hari Krishna, R., <i>Chemical Engineering Journal</i> ,2014,253,155, https://doi.org/10.1016/j.cej.2014.05.028 , 33, (IF =16.744)
168	Reactivity of crystalline ZnO superstructures against fungi and bacterial pathogens: Synthesized using nerium oleander leaf extract, Lakshmeesha, T.R., Sateesh, M.K., Prasad, B.D., Sharma, S.C., Kavyashree, D., Chandrasekhar, M., Nagabhushana, H., <i>Crystal Growth and Design</i> , 2014, 14, 4068 , https://doi.org/10.1021/cg500699z , 92, (IF = 4.01)
167	Synthesis and luminescence properties of Sm ³⁺ doped CaTiO ₃ nanophosphor for application in white LED under NUV excitation, Shivaram, M., Nagabhushana, H., Sharma, S.C., Prashantha, S.C., Daruka Prasad, B., Dhananjaya, N., Hari Krishna, R., Nagabhushana, B.M., Shivakumara, C., Chakradhar, R.P.S. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2014, 128, 891, https://doi.org/10.1016/j.saa.2014.02.117 ,54, (IF = 4.831)
166	Gd _{1.96-x} Y _x Eu _{0.04} O ₃ (x = 0.0, 0.49, 0.98, 1.47, 1.96 mol%) nanophosphors: Propellant combustion synthesis, structural and luminescence studies Shilpa, C.J., Dhananjaya, N., Nagabhushana, H., Sharma, S.C., Shivakumara, C., Sudheerkumar, K.H., Nagabhushana, B.M., Chakradhar, R.P.S. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2014, 128, 730, https://doi.org/10.1016/j.saa.2014.02.099 , 25, (IF = 4.831)
165	Synthesis, characterization and spectroscopic investigation of Cr ³⁺ doped wollastonite nanophosphor Madesh Kumar, M., Nagabhushana, H., Nagabhushana, B.M., Suriyamurthy, N., Sharma, S.C., Shivakumara, C., Hari Krishna, R. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> 2014, 128 ,403 https://doi.org/10.1016/j.saa.2014.02.059 , 6, (IF = 4.831)

164	Structural, photo and thermoluminescence studies of Eu ³⁺ doped orthorhombic YAlO ₃ nanophosphors Premkumar, H.B., Nagabhushana, H., Sharma, S.C., Prashantha, S.C., Nagaswarupa, H.P., Nagabhushana, B.M., Chakradhar, R.P.S. <i>Journal of Alloys and Compounds</i> , 2014, 601, 75, https://doi.org/10.1016/j.jallcom.2014.02.066 , 43, (IF = 6.371)
163	Study on low temperature solution combustion synthesized Sr ₂ SiO ₄ :Dy ³⁺ nano phosphor for white LED, Sunitha, D.V., Nagabhushana, H., Sharma, S.C., Nagabhushana, B.M., Daruka Prasad, B., Chakradhar, R.P.S. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2014, 127, 381, https://doi.org/10.1016/j.saa.2014.02.056 , 25, (IF = 4.831)
162	Effect of different fuels on structural, photo and thermo luminescence properties of solution combustion prepared Y ₂ SiO ₅ nanopowders, Ramakrishna, G., Nagabhushana, H., Sunitha, D.V., Prashantha, S.C., Sharma, S.C., Nagabhushana, B.M. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2014, 127, 177, https://doi.org/10.1016/j.saa.2014.02.054 , 43, (IF = 4.831)
161	Dosimetric studies of YAlO ₃ : Mn co-doped with transition (Co, Cu, Fe) and rare earth (Yb, Ce) metal ions ,Premkumar, H.B., Nagabhushana, H., Sharma, S.C., Prashantha, S.C., Nagabhushana, B.M., Nagaswarupa, H.P., Zhao, G., Chen, J. <i>Materials Research Express</i> , 2014, 1, https://doi.org/10.1088/2053-1591/1/2/025710 , 1, (IF = 2.025)
160	Synthesis, EPR and luminescent properties of YAlO ₃ :Fe ³⁺ (0.1- 0.9 mol%) nanopowders Premkumar, H.B., Nagabhushana, H., Sharma, S.C., Daruka Prasad, B., Nagabhushana, B.M., Rao, J.L., Chakradhar, R.P.S. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2014, 126, 220, https://doi.org/10.1016/j.saa.2014.01.141 , 12, (IF =4.831)
159	Enhanced luminescence by monovalent alkali metal ions in Sr ₂ SiO ₄ :Eu ³⁺ nanophosphor prepared by low temperature solution combustion method, Nagabhushana, H., Sunitha, D.V., Sharma, S.C., Daruka Prasad, B., Nagabhushana, B.M., Chakradhar, R.P.S. <i>Journal of Alloys and Compounds</i> , 2014, 595, 192, https://doi.org/10.1016/j.jallcom.2014.01.094 , 45, (IF =6.371)
158	Magnetic and dielectric interactions in nano zinc ferrite powder: Prepared by self-sustainable propellant chemistry technique, Prasad, B.D., Nagabhushana, H., Thyagarajan, K., Nagabhushana, B.M., Jnaneshwara, D.M., Sharma, S.C., Shivakumara, C., Gopal, N.O., Ke, S.-C., Chakradhar, R.P.S., <i>Journal of Magnetism and Magnetic Materials</i> , 2014, 358-359 132, https://doi.org/10.1016/j.jmmm.2014.01.021 , 29 , (IF =3.097)
157	Low temperature synthesis and photoluminescence properties of red emitting Mg ₂ SiO ₄ :Eu ³⁺ nanophosphor for near UV light emitting diodes ,Naik, R., Prashantha, S.C., Nagabhushana, H., Sharma, S.C., Nagabhushana, B.M., Nagaswarupa, H.P., Premkumar, H.B. <i>Sensors and Actuators, B: Chemical</i> , 2014, 195, 140, https://doi.org/10.1016/j.snb.2014.01.018 , 96, (IF = 9.221)
156	Synthesis and luminescent properties of Tb ³⁺ activated cadmium silicate nanophosphor Manohara, B.M., Nagabhushana, H., Sunitha, D.V., Thyagarajan, K., Daruka Prasad, B., Sharma, S.C., Nagabhushana, B.M., Chakradhar, R.P.S., <i>Journal of Alloys and Compounds</i> , 2014, 592, 319, https://doi.org/10.1016/j.jallcom.2014.01.003 , 26, (IF =6.371)
155	Synthesis, structural and thermoluminescence properties of YAlO ₃ :Dy ³⁺ nanophosphors Premkumar, H.B., Sunitha, D.V., Nagabhushana, H., Sharma, S.C., Daruka Prasad, B.,

	Nagabhushana, B.M., Shivakumara, C., Rao, J.L., Gopal, N.O., Prabhakara, K.R., Ke, S.-C., Chakradhar, R.P.S. <i>Journal of Alloys and Compounds</i> , 2014, 591, 337 https://doi.org/10.1016/j.jallcom.2013.12.217 ,8, (IF =6.371)
154	Nd ₂ O ₃ :Gd ³⁺ nanocrystalline phosphor: $\hat{\Gamma}^3$ -Induced thermoluminescence, EPR and structural properties, Umesh, B., Nagabhushana, H., Sharma, S.C., Eraiah, B., Dhananjaya, N., Nagabhushana, B.M., Rao, J.L., Chakradhar, R.P.S. <i>Journal of Alloys and Compounds</i> 2014, 591, 286, https://doi.org/10.1016/j.jallcom.2013.12.052 , 9, (IF = 6.371)
153	Self propagating combustion synthesis and luminescent properties of nanocrystalline CeO ₂ :Tb ³⁺ (1-10 mol%) phosphors, Malleshappa, J., Nagabhushana, H., Sharma, S.C., Sunitha, D.V., Dhananjaya, N., Shivakumara, C., Nagabhushana, B.M. <i>Journal of Alloys and Compounds</i> ,2014, 590, 131, https://doi.org/10.1016/j.jallcom.2013.11.213 ,25, (IF =6.371)
152	Temperature dependent magnetic ordering and electrical transport behavior of nano zinc ferrite from 20 to 800 K Daruka Prasad, B., Nagabhushana, H., Thyagarajan, K., Nagabhushana, B.M., Jnaneshwara, D.M., Sharma, S.C., Shivakumara, C., Gopal, N.O., Ke, S.-C., Chakradhar, R.P.S., <i>Journal of Alloys and Compounds</i> , 2014 ,590, 184 https://doi.org/10.1016/j.jallcom.2013.12.095 , 14, (IF =6.371)
151	Low temperature synthesis, structural and dosimetric characterization of ZnAl ₂ O ₄ :Ce ³⁺ nanophosphor, Ravikumar, B.S., Nagabhushana, H., Sharma, S.C., Nagabhushana, B.M. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> 2014, 122, 489, https://doi.org/10.1016/j.saa.2013.10.106 , 19, (IF = 4.831)
150	Low temperature synthesis of pure cubic ZrO ₂ nanopowder: Structural and luminescence studies, Prakashbabu, D., Hari Krishna, R., Nagabhushana, B.M., Nagabhushana, H., Shivakumara, C., Chakradhar, R.P.S., Ramalingam, H.B., Sharma, S.C., Chandramohan, R. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2014 ,122,216 https://doi.org/10.1016/j.saa.2013.11.043 ,43, (IF =4.831)
149	Heavy ion induced luminescence studies of YAlO ₃ : Tb ³⁺ , Tm ³⁺ single crystals Premkumar, H.B., Sunitha, D.V., Nagabhushana, H., Sharma, S.C., Prashantha, S.C., Singh, F., Nagabhushana, B.M., Zhao, G., Chen, J., Chakradhar, R.P.S. <i>Materials Research Express</i> , 2014, 1, https://doi.org/10.1088/2053-1591/1/1/015908 , 4, (IF = 2.025)
148	MgO:Dy ³⁺ nanophosphor: Self ignition route, characterization and its photoluminescence properties, Devaraja, P.B., Avadhani, D.N., Nagabhushana, H., Prashantha, S.C., Sharma, S.C., Nagabhushana, B.M., Nagaswarupa, H.P., Dharuka Prasad, B., <i>Materials Characterization</i> , 2014, 97, 27, https://doi.org/10.1016/j.matchar.2014.08.008 ,53, (IF =)
147	Synthesis and photoluminescence properties of a novel Sr ₂ CeO ₄ :Dy ³⁺ nanophosphor with enhanced brightness by Li ⁺ co-doping , Monika, D.L., Nagabhushana, H., Krishna, R.H., Nagabhushana, B.M., Sharma, S.C., Thomas, T. <i>RSC Advances</i> , ,2014,4,38655 https://doi.org/10.1039/c4ra04655b ,52, (IF = 4.537)
146	Facile combustion synthesis of ZnO nanoparticles using Cajanus cajan (L.) and its multidisciplinary applications, Manjunath, K., Ravishankar, T.N., Kumar, D., Priyanka, K.P., Varghese, T., Naika, H.R., Nagabhushana, H., Sharma, S.C., Dupont, J., Ramakrishnapa, T., Nagaraju, G. <i>Materials Research Bulletin</i> 2014,57,325 https://doi.org/10.1016/j.materresbull.2014.06.010 ,46, (IF =5.6)

145	Comparison of structural and luminescence properties of Dy 2O ₃ nanopowders synthesized by co-precipitation and green combustion routes, Chandrasekhar, M., Nagabhushana, H., Sudheerkumar, K.H., Dhananjaya, N., Sharma, S.C., Kavyashree, D., Shivakumara, C., Nagabhushana, B.M. <i>Materials Research Bulletin</i> 2014, 55, 237, https://doi.org/10.1016/j.materresbull.2014.04.013 47, (IF = 5.6)
144	Hydrothermal synthesis of Gd ₂ O ₃ :Eu ³⁺ nanophosphors: Effect of surfactant on structural and luminescence properties, Dhananjaya, N., Nagabhushana, H., Sharma, S.C., Rudraswamy, B., Shivakumara, C., Nagabhushana, B.M. <i>Journal of Alloys and Compounds</i> ,2014,587,755 https://doi.org/10.1016/j.jallcom.2013.10.121 ,45, (IF = 6.371)
143	Effect of zinc substitution on the nanocobalt ferrite powders for nanoelectronic devices, Jnaneshwara, D.M., Avadhani, D.N., Daruka Prasad, B., Nagabhushana, B.M., Nagabhushana, H., Sharma, S.C., Prashantha, S.C., Shivakumara, C. <i>Journal of Alloys and Compounds</i> , 2014,587,50, https://doi.org/10.1016/j.jallcom.2013.10.146 ,68, (IF =6.371)
142	MgO:Eu ³⁺ red nanophosphor: Low temperature synthesis and photoluminescence properties Devaraja, P.B., Avadhani, D.N., Prashantha, S.C., Nagabhushana, H., Sharma, S.C., Nagabhushana, B.M., Nagaswarupa, H.P., Premkumar, H.B. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> 2014,121,46, https://doi.org/10.1016/j.saa.2013.10.060 . 60, (IF = 4.831)
141	CaTiO ₃ :Eu ³⁺ red nanophosphor: Low temperature synthesis and photoluminescence properties, Shivram, M., Prashantha, S.C., Nagabhushana, H., Sharma, S.C., Thyagarajan, K., Harikrishna, R., Nagabhushana, B.M. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2014,120,395, https://doi.org/10.1016/j.saa.2013.09.114 ,69
140	Plant latex mediated green synthesis of ZnAl ₂ O ₄ :Dy ³⁺ (1-9 mol%) nanophosphor for white light generation Ravikumar, B.S., Nagabhushana, H., Sunitha, D.V., Sharma, S.C., Nagabhushana, B.M., Shivakumara, C. <i>Journal of Alloys and Compounds</i> ,2014, 585,561 https://doi.org/10.1016/j.jallcom.2013.09.080 ,48, (IF = 6.371)
139	Synthesis, structural and luminescence studies of magnesium oxide nanopowder Devaraja, P.B., Avadhani, D.N., Prashantha, S.C., Nagabhushana, H., Sharma, S.C., Nagabhushana, B.M., Nagaswarupa, H.P. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> 2014,118,847, https://doi.org/10.1016/j.saa.2013.08.050 ,81, (IF = 4.831)
138	Particle size, morphology and color tunable ZnO:Eu ³⁺ nanophosphors via plant latex mediated green combustion synthesis, Chandrasekhar, M., Nagabhushana, H., Sharma, S.C., Sudheer Kumar, K.H., Dhananjaya, N., Sunitha, D.V., Shivakumara, C., Nagabhushana, B.M. <i>Journal of Alloys and Compounds</i> , 2014, 584,417, https://doi.org/10.1016/j.jallcom.2013.08.149 ,82, (IF =6.371)
137	Mechanical behavior of organo-modified Indian bentonite nanoclay fiber-reinforced plastic nanocomposites, Raghavendra, N., Narasimha Murthy, H.N., Krishna, M., Vishnu Mahesh, K.R., Sridhar, R., Firdosh, S., Angadi, G., Sharma, S.C. <i>Frontiers of Materials Science</i> , 2013, 7,396, https://doi.org/10.1007/s11706-013-0224-6 , 15, (IF =2.612)
136	Electron paramagnetic resonance, magnetic and electrical properties of CoFe ₂ O ₄ nanoparticles Jnaneshwara, D.M., Avadhani, D.N., Daruka Prasad, B., Nagabhushana, B.M., Nagabhushana, H., Sharma, S.C., Shivakumara, C., Rao, J.L., Gopal, N.O., Ke, S.-C., Chakradhar, R.P.S. <i>Journal of Magnetism and Magnetic Materials</i> ,2013,339,40 https://doi.org/10.1016/j.jmmm.2013.02.028 ,40 , (IF = 3.097)

135	Structural, ionic and thermoluminescence properties of heavy ion (100 MeV Si ⁷⁺) bombarded Zn ₂ SiO ₄ :Sm ³⁺ nanophosphor, Sunitha, D.V., Nagabhushana, H., Sharma, S.C., Singh, F., Nagabhushana, B.M., Dhananjaya, N., Shivakumara, C., Chakradhar, R.P.S., <i>Journal of Luminescence</i> , 2013, 143, 409, https://doi.org/10.1016/j.jlumin.2013.04.025 , 22, (IF = 4.171)
134	Synthesis and characterization of novel chromium-free nickel alloy electrode materials, Nataraj, J.R., Krishna, M., Narasimha Murthy, H.N., Prasad, C.S., Bhanukiran, V.T., Sharma, S.C. <i>Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science</i> , 2013, 44, 3271, https://doi.org/10.1007/s11661-013-1679-x , 3, (IF = 2.726)
133	Synthesis, characterization, EPR and thermoluminescence properties of CaTiO ₃ nanophosphor, Shivaram, M., Hari Krishna, R., Nagabhushana, H., Sharma, S.C., Nagabhushana, B.M., Ravikumar, B.S., Dhananjaya, N., Shivakumara, C., Rao, J.L., Chakradhar, R.P.S. <i>Materials Research Bulletin</i> , 2013, 48, 1490, https://doi.org/10.1016/j.materresbull.2012.12.065 , 30, (IF = 5.6)
132	Structural, EPR, optical and magnetic properties of Fe ²⁺ -Fe ³⁺ nanoparticles, Jahagirdar, A.A., Dhananjaya, N., Monika, D.L., Kesavulu, C.R., Nagabhushana, H., Sharma, S.C., Nagabhushana, B.M., Shivakumara, C., Rao, J.L., Chakradhar, R.P.S., <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2013, 104, 512, https://doi.org/10.1016/j.saa.2012.09.069 , 37, (IF = 4.831)
131	Structural characterization, thermoluminescence and EPR studies of Nd ₂ O ₃ :Co ²⁺ nanophosphors, Umesh, B., Eraiah, B., Nagabhushana, H., Sharma, S.C., Sunitha, D.V., Nagabhushana, B.M., Rao, J.L., Shivakumara, C., Chakradhar, R.P.S., <i>Materials Research Bulletin</i> 2013, 48, 180, https://doi.org/10.1016/j.materresbull.2012.09.004 , 26, (IF = 5.6)
130	Thermoluminescence properties of 100 MeV Si ⁷⁺ swift heavy ions and UV irradiated CdSiO ₃ :Ce ³⁺ nanophosphor, Manjunatha, C., Sunitha, D.V., Nagabhushana, H., Singh, F., Sharma, S.C., Chakradhar, R.P.S., Nagabhushana, B.M. <i>Journal of Luminescence</i> , 2013, 134, 358, https://doi.org/10.1016/j.jlumin.2012.08.020 , 23, (IF = 4.171)
129	Effect of NaF flux on microstructure and thermoluminescence properties of Sm ³⁺ doped CdSiO ₃ nanophosphor, Manjunatha, C., Nagabhushana, B.M., Sunitha, D.V., Nagabhushana, H., Sharma, S.C., Venkatesh, G.B., Chakradhar, R.P.S., <i>Journal of Luminescence</i> , 2013, 134, 432, https://doi.org/10.1016/j.jlumin.2012.08.006 , 23, (IF = 4.171)
128	Effect of calcination temperature on structural, photoluminescence, and thermoluminescence properties of Y ₂ O ₃ :Eu ³⁺ nanophosphor, Hari Krishna, R., Nagabhushana, B.M., Nagabhushana, H., Murthy, N.S., Sharma, S.C., Shivakumara, C., Chakradhar, R.P.S. <i>Journal of Physical Chemistry C</i> , 2013, 117, 1915, https://doi.org/10.1021/jp309684b , 138, (IF = 4.177)
127	Investigation of structural and luminescence properties of Ho ³⁺ doped YAlO ₃ nanophosphors synthesized through solution combustion route, Premkumar, H.B., Ravikumar, B.S., Sunitha, D.V., Nagabhushana, H., Sharma, S.C., Savitha, M.B., Mohandas Bhat, S., Nagabhushana, B.M., Chakradhar, R.P.S., <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> 2013, 115, 234, https://doi.org/10.1016/j.saa.2013.06.015 , 44, (IF = 4.831)
126	Luminescent characteristics of Eu ³⁺ doped di-calcium silicate nano-powders for white LEDs, Sunitha, D.V., Nagabhushana, H., Sharma, S.C., Nagabhushana, B.M., Chakradhar, R.P.S., <i>Journal of Alloys and Compounds</i> , 2013, 575, 434, https://doi.org/10.1016/j.jallcom.2013.05.132 , 39, (IF = 6.371)

125	Synthesis, characterization, EPR, photo and thermoluminescence properties of $\text{YAlO}_3:\text{Ni}^{2+}$ nanophosphors, Premkumar, H.B., Sunitha, D.V., Nagabhushana, H., Sharma, S.C., Nagabhushana, B.M., Shivakumara, C., Rao, J.L., Chakradhar, R.P.S. <i>Journal of Luminescence</i> , 2013, 135, 105, https://doi.org/10.1016/j.jlumin.2012.09.004 , 40, (IF = 4.171)
124	Influence of halide flux on the crystallinity, microstructure and thermoluminescence properties of $\text{CdSiO}_3:\text{Co}^{2+}$ nanophosphor, Manjunatha, C., Nagabhushana, B.M., Sunitha, D.V., Nagabhushana, H., Sharma, S.C., Chakradhar, R.P.S. <i>Materials Research Bulletin</i> , 2013, 48, 158, https://doi.org/10.1016/j.materresbull.2012.09.068 , 7, (IF = 5.6)
123	$\text{CdSiO}_3:\text{Pr}^{3+}$ nanophosphor: Synthesis, characterization and thermoluminescence studies Sunitha, D.V., Manjunatha, C., Shilpa, C.J., Nagabhushana, H., Sharma, S.C., Nagabhushana, B.M., Dhananjaya, N., Shivakumara, C., Chakradhar, R.P.S., <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> 2012, 99, 279 https://doi.org/10.1016/j.saa.2012.08.057 , 48, (IF = 4.831)
122	$\text{YAlO}_3:\text{Cr}^{3+}$ nanophosphor: Synthesis, photoluminescence, EPR, dosimetric studies Premkumar, H.B., Sunitha, D.V., Nagabhushana, H., Sharma, S.C., Nagabhushana, B.M., Rao, J.L., Gupta, K., Chakradhar, R.P.S., <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2012, 96, 154, https://doi.org/10.1016/j.saa.2012.04.028 , 41, (IF = 4.831)
121	Effect of different fuels on structural, thermo and photoluminescent properties of Gd_2O_3 nanoparticles, Dhananjaya, N., Nagabhushana, H., Nagabhushana, B.M., Rudraswamy, B., Sharma, S.C., Sunitha, D.V., Shivakumara, C., Chakradhar, R.P.S. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> 2012, 96, 532 https://doi.org/10.1016/j.saa.2012.04.067 , 78, (IF = 4.831)
120	Luminescence and defect studies of $\text{YAlO}_3:\text{Dy}^{3+}$, Sm^{3+} single crystals exposed to 100 MeV Si^{7+} ion beam, Premkumar, H.B., Sunitha, D.V., Singh, F., Nagabhushana, H., Sharma, S.C., Nagabhushana, B.M., Zhao, G., Chen, J., Chakradhar, R.P.S. <i>Journal of Luminescence</i> , 2012, 132, 2679, https://doi.org/10.1016/j.jlumin.2012.04.030 , 15, (IF = 4.171)
119	Effect of laminate thickness on moisture diffusion of polymer matrix composites in artificial seawater ageing, Pal, R., Narasimha Murthy, H.N., Sreejith, M., Vishnu Mahesh, K.R., Krishna, M., Sharma, S.C., <i>Frontiers of Materials Science</i> , 2012, 6, 225 https://doi.org/10.1007/s11706-012-0177-1 , 13, (IF = 2.612)
118	Structural characterization, EPR and thermoluminescence properties of $\text{Cd}^{1-x}\text{Ni}_x\text{SiO}_3$ nanocrystalline phosphors, Manjunatha, C., Sunitha, D.V., Nagabhushana, H., Sharma, S.C., Ashoka, S., Rao, J.L., Nagabhushana, B.M., Chakradhar, R.P.S. <i>Materials Research Bulletin</i> , 2012, 47, 2306, https://doi.org/10.1016/j.materresbull.2012.05.039 , 26, (IF = 5.6)
117	Structural, EPR, optical and Raman studies of $\text{Nd}_2\text{O}_3:\text{Cu}^{2+}$ nanophosphors Umesh, B., Eraiah, B., Nagabhushana, H., Sharma, S.C., Nagabhushana, B.M., Shivakumara, C., Rao, J.L., Chakradhar, R.P.S. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> 2012, 94, 365, https://doi.org/10.1016/j.saa.2012.03.057 , 23, (IF = 4.831)
116	Structural and phase dependent thermo and photoluminescent properties of $\text{Dy}(\text{OH})_3$ and Dy_2O_3 nanorods, Chandrasekhar, M., Sunitha, D.V., Dhananjaya, N., Nagabhushana, H., Sharma, S.C., Nagabhushana, B.M., Shivakumara, C., Chakradhar, R.P.S. <i>Materials Research Bulletin</i> , 2012, 47, 2085, https://doi.org/10.1016/j.materresbull.2012.03.043 , 29, (IF = 5.6)
115	Thermo, Iono and photoluminescence properties of 100 MeV Si^{7+} ions bombarded

	CaSiO ₃ :Eu ³⁺ nanophosphor, Sunitha, D.V., Nagabhushana, H., Singh, F., Nagabhushana, B.M., Sharma, S.C., Chakradhar, R.P.S. <i>Journal of Luminescence</i> , 2012, 132, 2065 https://doi.org/10.1016/j.jlumin.2012.03.019 , 24, (IF = 4.171)
114	Experimental investigation of low-velocity repeated impacts on glass fiber metal composites Rajkumar, G.R., Krishna, M., Murthy, H.N.N., Sharma, S.C., Mahesh, K.R.V. <i>Journal of Materials Engineering and Performance</i> , 2012, 21, 1485, https://doi.org/10.1007/s11665-011-0038-6 , 31, (IF = 2.036)
113	Thermoluminescence response in gamma and UV irradiated Dy ₂ O ₃ nanophosphor Chandrasekhar, M., Sunitha, D.V., Dhananjaya, N., Nagabhushana, H., Sharma, S.C., Nagabhushana, B.M., Shivakumara, C., Chakradhar, R.P.S. <i>Journal of Luminescence</i> , 2012, 132, 1798, https://doi.org/10.1016/j.jlumin.2012.02.017 , 43, (IF = 4.171)
112	Combustion synthesis, structural characterization, thermo and photoluminescence studies of CdSiO ₃ :Dy ³⁺ nanophosphor, Manjunatha, C., Sunitha, D.V., Nagabhushana, H., Nagabhushana, B.M., Sharma, S.C., Chakradhar, R.P.S. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> 2012, 93, 140 https://doi.org/10.1016/j.saa.2012.02.094 , 48, (IF = 4.831)
111	Thermoluminescence and EPR studies of nanocrystalline Nd ₂ O ₃ :Ni ²⁺ phosphor Umesh, B., Eraiah, B., Nagabhushana, H., Sharma, S.C., Sunitha, D.V., Nagabhushana, B.M., Shivakumara, C., Rao, J.L., Chakradhar, R.P.S. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> 2012, 93, 228, https://doi.org/10.1016/j.saa.2012.02.082 , 25, (IF = 4.831)
110	Swift heavy ion induced structural, ionic and photoluminescence properties of ¹² I-CaSiO ₃ :Dy ³⁺ nanophosphor, Sunitha, D.V., Nagabhushana, H., Singh, F., Dhananjaya, N., Sharma, S.C., Nagabhushana, B.M., Shivakumara, C., Chakradhar, R.P.S. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> 2012, 93, 300, https://doi.org/10.1016/j.saa.2012.03.013 , 12, (IF = 4.831)
109	Synthesis, characterization, thermo- and photoluminescence properties of Bi ³⁺ co-doped Gd ₂ O ₃ :Eu ³⁺ nanophosphors, Dhananjaya, N., Nagabhushana, H., Nagabhushana, B.M., Sharma, S.C., Rudraswamy, B., Suriyamurthy, N., Shivakumara, C., Chakradhar, R.P.S. <i>Applied Physics B: Lasers and Optics</i> , 2012, 107, 503 https://doi.org/10.1007/s00340-012-4927-7 , 16, (IF = 2.171)
108	Structural, EPR, photo and thermoluminescence properties of ZnO:Fe nanoparticles, Reddy, A.J., Kokila, M.K., Nagabhushana, H., Sharma, S.C., Rao, J.L., Shivakumara, C., Nagabhushana, B.M., Chakradhar, R.P.S. <i>Materials Chemistry and Physics</i> , 2012, 133, 876 https://doi.org/10.1016/j.matchemphys.2012.01.111 , 52, (IF = 4.778)
107	Ionoluminescence studies of natural kyanite mineral from different parts of Indian origin Nagabhushana, H., Singh, F., Sharma, S.C., Nagabhushana, B.M., Chakradhar, R.P.S. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> 2012, 86, 15, https://doi.org/10.1016/j.saa.2011.08.013 , 2, (IF = 4.831)
106	Ion beam induced amorphization and bond breaking in Zn ₂ SiO ₄ :Eu ³⁺ nanocrystalline phosphor, Sunitha, D.V., Nagabhushana, H., Singh, F., Sharma, S.C., Dhananjaya, N., Nagabhushana, B.M., Chakradhar, R.P.S., <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2012, 90, 18, https://doi.org/10.1016/j.saa.2011.12.066 , 22, (IF = 4.831)
105	Thermoluminescence, photoluminescence and EPR studies on Mn ₂ activated yttrium aluminate (YAlO ₃) perovskite, Premkumar, H.B., Sunitha, D.V., Nagabhushana, H., Sharma,

	S.C., Nagabhushana, B.M., Shivakumara, C., Rao, J.L., Chakradhar, R.P.S. <i>Journal of Luminescence</i> , 2012, 132,2409, https://doi.org/10.1016/j.jlumin.2012.04.019 ,21, (IF = 4.171)
104	Development and characterization of electrocodeposited nickel-based composites coatings Kodandarama, L., Krishna, M., Narasimha Murthy, H.N., Sharma, S.C <i>Journal of Materials Engineering and Performance</i> ,2012,21,105, https://doi.org/10.1007/s11665-010-9820-0 19, (IF =2.036)
103	Mechanical, thermal and fire retardation behaviours of nanoclay/vinylester nanocomposites Mahesh, K.R.V., Murthy, H.N.N., Swamy, B.E.K., Sharma, S.C., Sridhar, R., Pattar, N., Krishna, M., Sherigara, B.S. <i>Frontiers of Materials Science</i> ,2011,5,401 https://doi.org/10.1007/s11706-011-0149-x 5, (IF = 2.612)
102	A new secured approach for MANETS against network layer attacks Mamatha, G.S., Sharma, S.C. <i>Proceedings - 1st International Conference on Integrated Intelligent Computing, ICIIC</i> 2010,2010,290, https://doi.org/10.1109/ICIIC.2010.14 ,2,
101	Seawater durability of epoxy/vinyl ester reinforced with glass/carbon composites Narasimha Murthy, H.N., Sreejith, M., Krishna, M., Sharma, S.C., Sheshadri, T.S. <i>Journal of Reinforced Plastics and Composites</i> ,2010, 29,1491, https://doi.org/10.1177/0731684409335451 , 43, (IF =3.355)
100	Dispersion of nano-materials into polymeric system for enhanced properties Sharma, S.C., Murthy, H.N.N., Shanmukha, N. <i>Materials Science Forum</i> , 2010, 638-642 1778, https://doi.org/10.4028/www.scientific.net/MSF.638-642.1778 ,1, (IF =0.211)
99	Environmental effect of partial replacement of cement by Flyash in cement stabilized soil blocks,Parasivamurthy, P., Jawali, V., Sharma, S.C., Anantharama, V. <i>International SAMPE Symposium and Exhibition (Proceedings)</i> , 2009, 54
98	Adhesion behavior of plasma sprayed thermal barrier coatings on Al-6061 and cast iron substrates,Krishnamurthy, N., Sharma, S.C., Murali, M.S., Mukunda, P.G. <i>Frontiers of Materials Science in China</i> 2009, 3,333, https://doi.org/10.1007/s11706-009-0051-y 5, (IF =2.612)
97	Integral formulation of the problem of current distribution in compulsator wires of electromagnetic launchers and railguns,Sheshadri, K., Ramesh, N., Pranesachar, C.R., Sharma, S.C. <i>IEEE Transactions on Magnetics</i> , 2009, 45, 550 https://doi.org/10.1109/TMAG.2008.2008780 , 3, (IF =1.848)
96	Use of crumb rubber wastes in cement stabilized soil blocks,Parasivamurthy, P., Sharma, S.C., Chandrashekaramurthy, C.S. <i>100th Annual Conference and Exhibition of the Air and Waste Management Association</i> 2007, ACE 2007 2007, 3,1575
95	Numerical study of functionally graded materials, Naryanappa, K.M., Krishna, M., Sharma, S.C., Murthy, H.N.N. <i>Advanced Materials Research</i> , 2007 29-30 311 https://doi.org/10.4028/0-87849-466-9.311 , (IF =25.809)
94	Corrosive-erosive wear studies of Al6061/alblte composites,Sharma, S.C., Krishna, M., Murthy, H.N.N. <i>Materials Science Forum</i> ,2007,539-543,751 https://doi.org/10.4028/0-87849-428-6.751 , (IF = 0.211)
93	Evaluation of impact property of PU/E-glass composites Algood, R., Sharma, S.C., Krishna, M., Syed, A.A., <i>Journal of Reinforced Plastics and Composites</i> ,2006,25,1869 https://doi.org/10.1177/0731684406069913 3, (IF =3.383)
92	Dry sliding wear behaviour of flyash reinforced ZA-27 alloy based metal matrix composites Sharma, S.C., Krishna, M., Bhattacharyya, D. <i>International Journal of Modern Physics B</i> ,2006,20,4703, https://doi.org/10.1142/s0217979206041926 ,6, (IF =1.404)

91	Compression properties of E-glass/polyurethane composites Algood, R., Sharma, S.C., Syed, A.A., Rajulu, A.V., Krishna, M. <i>Journal of Reinforced Plastics and Composites</i> , 2006, 25 1445, https://doi.org/10.1177/0731684406065097 , 4, (IF = 3.383)
90	Damping behavior of Al6061/albite MMCs, Seah, K.H.W., Sharma, S.C., Krishna, M. <i>Journal of ASTM International</i> , 2006, 3, 2
89	Development of palm print verification system using biometrics, Shobha, G., Krishna, M., Sharma, S.C. <i>Ruan Jian Xue Bao/ Journal of Software</i> , 2006, 17, 1824 https://doi.org/10.1360/jos171824 , 5
88	Study of corrosive-erosive wear behaviour of Al6061/albite composites Sharma, S.C., Krishna, M., Murthy, H.N.N., Tarachandra, R., Satyamoorthy, M., Bhattacharyya, D., <i>Materials Science and Engineering A</i> , 2006, 425, 305 https://doi.org/10.1016/j.msea.2006.03.079 , 4, (IF = 6.044)
87	Delamination during drilling in polyurethane foam composite sandwich structures, Sharma, S.C., Krishna, M., Narasimha Murthy, H.N. <i>Journal of Materials Engineering and Performance</i> 2006, 15, 306, https://doi.org/10.1361/105994906X108710 , 6, (IF = 2.036)
86	Studies on the weathering behavior of glass coir polypropylene composites Sharma, S.C., Krishna, M., Narasimhamurthy, H.N., Sanjeevamurthy, <i>Journal of Reinforced Plastics and Composites</i> , 2006, 25, 925, https://doi.org/10.1177/0731684406063551 , 18, (IF =)
85	Damping behavior of titanium oxide reinforced ZA-27 alloy metal matrix composites, Ranganath, G., Sharma, S.C., Krishna, M., <i>International SAMPE Symposium and Exhibition (Proceedings)</i> , 2005, 50, 187, (IF = 3.383)
84	Oxidation behavior of aluminium 6061-albite particulate MMCS at elevated temperature Sharma, S.C., Krishna, M., Murthy, H.N.N. <i>International SAMPE Symposium and Exhibition (Proceedings)</i> , 2005, 50, 179 , (IF =)
83	Off-line recognition of the content of organizational template card images (visiting cards) RamakanthKumar, P., Sharma, S.C., Krishna, 2004, <i>7th International Conference on Signal Processing Proceedings, ICSP</i> , 2004, 956 , (IF =)
82	e-Market Integrator Shobha, G., Krishna, M., Sharma, S.C. <i>2004 7th International Conference on Signal Processing Proceedings, ICSP</i> , 2004, 2614
81	Low-velocity impact response of polyurethane foam composite sandwich structures Sharma, S.C., Murthy, H.N.N., Krishna, M. <i>Journal of Reinforced Plastics and Composites</i> 2004, 23, 1869, https://doi.org/10.1177/0731684404041141 , 29, (IF = 3.383)
80	Off-line recognition of the content of organizational template card images (visiting cards) Ramakanthkumar, P., Sharma, S.C., Krishna <i>International Conference on Signal Processing Proceedings, ICSP</i> , 2004, 2, 954
79	e-Market integrator Shobha, G., Krishna, M., Sharma, S.C. <i>International Conference on Signal Processing Proceedings, ICSP</i> 2004 3 2612
78	Fatigue studies of polyurethane sandwich structures , Sharma, S.C., Krishna, M., Narasimha Murthy, H.N., Sathyamoorthy, M., Bhattacharya, D. <i>Journal of Materials Engineering and Performance</i> 2004 , 13, 637, https://doi.org/10.1361/10599490420052 , 11, (IF = 2.036)
77	Interfacial studies in fatigue behavior of polyurethane sandwich structures Sharma, S.C., Murthy, H.N.N., Krishna, M. <i>Journal of Reinforced Plastics and Composites</i> 2004, 23, 893, https://doi.org/10.1177/0731684404033958 , 10, (IF = 3.383)

76	Damping behaviour of aluminium/short glass fibre composites, Sharma, S.C. , Krishna, M., Shashishankar, A., Vizhian, S.P. <i>Materials Science and Engineering A</i> , 2004, 364, 109 https://doi.org/10.1016/j.msea.2003.07.001 , 18, (IF = 6.044)
75	Buckling response of stitched polyurethane foam composite sandwich structures Sharma, S.C. , Krishna, M., Narasimha Murthy, H.N. <i>Journal of Reinforced Plastics and Composites</i> , 2004,23, 1267, https://doi.org/10.1177/0731684404037042 ,15, (IF =3.383)
74	Effect of foam density and skin material on the damping behavior of polyurethane sandwich structures Sharma, S.C. , Narasimha Murthy, H.N., Krishna, M. <i>Journal of Reinforced Plastics and Composites</i> ,2004,23,1259, https://doi.org/10.1177/0731684404035267 ,12, (IF =3.383)
73	Mechanical properties and fracture mechanism of ZA-27/TiO ₂ particulate metal matrix composites,Seah, K.H.W., Sharma, S.C. , Krishna, M., <i>Proceedings of the Institution of Mechanical Engineers, Part L: Journal of Materials: Design and Applications</i> 2003, 217, 201, https://doi.org/10.1243/14644200332225619 ,13,
72	Influence of heat treatment on the properties of Al6061/albite composites, Krishna, M., Sharma, S.C. , Narasimha Murthy, H.N. <i>Transactions of the Indian Institute of Metals</i> 2003, 56, 399, (IF =)
71	Transitions in the sliding wear resistance of titanium oxide particle reinforced ZA27 alloy Ranganath, G., Sharma, S.C. , Krishna, M., Narsimha Murthy, H.N. <i>Transactions of the Indian Institute of Metals</i> ,2003, 56.439, (IF =) 1
70	Effect of high-rate heat transfer during casting on the strength, hardness and wear behaviour of aluminium-quartz particulate metal matrix composites ,Seah, K.H.W., Hemanth, J., Sharma, S.C. <i>Proceedings of the Institution of Mechanical Engineers, Part B: Journal of Engineering Manufacture</i> , 2003, 217, 651 https://doi.org/10.1243/095440503322011371 ,14, (IF =)
69	Equation for the density of particle-reinforced metal matrix composites: A new approach , Sharma, S.C. <i>Journal of Materials Engineering and Performance</i> ,2003,12,324 https://doi.org/10.1361/105994903770343187 21, (IF = 2.036)
68	Mechanical properties of aluminum/quartz particulate composites cast using metallic and non-metallic chills, Seah, K.H.W., Hemanth, J., Sharma, S.C. <i>Materials and Design</i> , 2003, 24 87, https://doi.org/10.1016/S0261-3069(02)00144-9 , 40, (IF = 9.417)
67	Effect of aging parameters on the micro structure and properties of ZA-27/aluminite metal matrix composites, Sharma, S.C. , Sastry, S., Krishna, M. <i>Journal of Alloys and Compounds</i> , 2002, 346, 292, https://doi.org/10.1016/S0925-8388(02)00528-5 ,28, (IF = 6.371)
66	Thermal effects on mild wear transition in dry sliding of aluminium 7075-short glass fibre composites, Sharma, S.C. , Krishna, M., Vizhian, P.S., Shashishankar, A. <i>Proceedings of the Institution of Mechanical Engineers, Part D: Journal of Automobile Engineering</i> , 2002, 216, 975, https://doi.org/10.1243/095440702762508227 ,6
65	A study of mechanical properties and fractography of Za-27/titanium-dioxide metal matrix composites, Ranganath, G., Sharma, S.C. , Krishna, M., Muruli, M.S. <i>Journal of Materials Engineering and Performance</i> , 2002,11,408 https://doi.org/10.1361/105994902770343935 ,43, (IF = 2.036)
64	A note on the corrosion characterisation of ZA-27/zircon particulate composites in acidic medium, Sharma, S.C. , Somashekar, D.R., Satish, B.M. <i>Journal of Materials Processing Technology</i> , 2001, 118, 62, https://doi.org/10.1016/S0924-0136(01)00864-0 , 26, (IF

	=6.162)
63	Wear characteristics of phosphor-bronze/silicon carbide particulate composites , Sharma, S.C., Satish, B.M., Girish, B.M., Somashekar, D.R. <i>Journal of Materials Processing Technology</i> 2001, 118, 65, https://doi.org/10.1016/S0924-0136(01)00868-8 ,29, (IF =6.162)
62	The sliding wear behavior of Al6061-garnet particulate composites, Sharma, S.C. <i>Wear</i> , 2001 249 1036 https://doi.org/10.1016/S0043-1648(01)00810-9 105, (IF = 4.695)
61	A study on stress corrosion behavior of Al6061/albite composite in higher temperature acidic medium using autoclave Sharma, S.C, <i>Corrosion Science</i> , 2001, 43,1877 https://doi.org/10.1016/S0010-938X(00)00186-4 19, (IF =7.72)
60	Elastic properties of short glass fiber-reinforced ZA-27 alloy metal matrix composites Sharma, S.C. <i>Journal of Materials Engineering and Performance</i> ,2001,10,468 https://doi.org/10.1361/105994901770344908 ,8, (IF = 2.036)
59	The effect of ageing duration on the mechanical properties of Al alloy 6061-garnet composites Sharma, S.C. <i>Proceedings of the Institution of Mechanical Engineers Part L: Journal of Materials: Design and Applications</i> 2001,215,113, https://doi.org/10.1177/146442070121500205 ,3
58	A study of the coefficients of thermal expansion of Al alloy 6061-albite composites Sharma, S.C., Seah, K.H.W., Krishna, M., Ramesh, A. <i>Proceedings of the Institution of Mechanical Engineers Part L: Journal of Materials: Design and Applications</i> 2001, 215, 55, https://doi.org/10.1177/146442070121500105
57	Dry sliding wear of garnet reinforced zinc/aluminium metal matrix composites , Ranganath, G., Sharma, S.C., Krishna, M., <i>Wear</i> 2001, 250,1408, https://doi.org/10.1016/S0043-1648(01)00781-5 ,93, (IF =4.695)
56	Oxidation behavior of aluminium 6061-hematite particulate MMCs at elevated temperature Sharma, S.C., Krishna, M., Sanmukha, N. <i>Proceedings of the Second International Conference on Processing Materials for Properties</i> 2000 117
55	Thermal mismatch stresses in a metal matrix composite - A finite element analysis Sharma, S.C., Krishna, M., Koti, M.S.,<i>Proceedings of the TMS Fall Meeting</i> , 2000,143
54	Oxidation behavior of 6061 aluminium/albite composites at high temperature Sharma, S.C., Seah, K.H.W., Krishna, M., Ramesh, A.<i>Journal of Alloys and Compounds</i> 2000,306,270, https://doi.org/10.1016/S0925-8388(00)00790-8 ,15, (IF =6.371)
53	Evaluation of sliding wear behaviour of feldspar particle-reinforced magnesium alloy composites, Sharma, S.C., Anand, B., Krishna, M. <i>Wear</i> 2000 241 33 https://doi.org/10.1016/S0043-1648(00)00349-5 ,140, (IF = 4.695)
52	Effect of heat treatment on mechanical properties of particulate reinforced Al 6061 composites Sharma, S.C., Ramesh, A. <i>Journal of Materials Engineering and Performance</i> , 2000 9 557, https://doi.org/10.1361/105994900770345692 ,18, (IF = 2.036)
51	Effect of albite particles on the coefficient of thermal expansion behavior of the Al6061 alloy composites, Sharma, S.C. <i>Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science</i> ,2000, 31,773, https://doi.org/10.1007/s11661-000-0019-0 ,52, (IF = 2.762)
50	Effect of aging on oxidation behavior of aluminum-albite composites at high temperatures Sharma, S.C. <i>Journal of Materials Engineering and Performance</i> ,2000 ,9,344 https://doi.org/10.1361/105994900770346033 11, (IF =2.036)

49	Mechanical properties of cast aluminium alloy 6061-albite particulate composites Seah, K.H.W., Sharma, S.C. , Ramesh, A. <i>Proceedings of the Institution of Mechanical Engineers Part L: Journal of Materials: Design and Applications</i> , 2000, 214, 1, https://doi.org/10.1177/146442070021400101 ,16,
48	Sliding wear behaviour of zircon particles reinforced ZA-27 alloy composite materials Sharma, S.C. , Girish, B.M., Somashekar, D.R., Satish, B.M., Kamath, R., <i>Wear</i> , 1999, 224 89, https://doi.org/10.1016/S0043-1648(98)00334-2 , 62, (IF = 4.695)
47	Mechanical properties and fractography of zircon-particle-reinforced ZA-27 alloy composite materials, Sharma, S.C. , Girish, B.M., Somashekar, D.R., Kamath, R., Satish, B.M. <i>Composites Science and Technology</i> . 1999, 59, 1805, https://doi.org/10.1016/S0266-3538(99)00040-8 ,45, (IF = 9.879)
46	Solidification behaviour of water-cooled and subzero chilled cast iron Seah, K.H.W., Hemanth, J., Sharma, S.C. , Rao, K.V.S. <i>Journal of Alloys and Compounds</i> 1999, 290, 172, https://doi.org/10.1016/S0925-8388(99)00224-8 ,10, (IF = 6.371)
45	Fractography, fluidity, and tensile properties of aluminum/hematite particulate composites Sharma, S.C. , Girish, B.M., Kamath, R., Satish, B.M. <i>Journal of Materials Engineering and Performance</i> , 1999, 8, 309 https://doi.org/10.1361/105994999770346855 , 49, (IF = 2.036)
44	Short glass fibres-reinforced ZA-27 alloy composites for journal bearing applications in automobiles, Sharma, S.C. , Girish, B.M., Satish, B.M., Kamath, Rathnakar <i>Proceedings of the TMS Fall Meeting</i> , 1998, 403
43	Effect of zircon particles on the wear behaviour of ZA-27 alloy composites Sharma, S.C. , Girish, B.M., Somashekar, D.R., Kamath, Rathnakar, Satish, B.M. <i>Proceedings of the TMS Fall Meeting</i> , 1998, 393
42	Graphite particles reinforced ZA-27 alloy composite materials for journal bearing applications Sharma, S.C. , Girish, B.M., Kamath, R., Satish, B.M. <i>Wear</i> 1998, 219, 162 https://doi.org/10.1016/S0043-1648(98)00188-4 ,74, (IF = 4.695)
41	Aging Characteristics of Short Glass Fiber Reinforced ZA-27 Alloy Composite Materials Sharma, S.C. , Girish, B.M., Satish, B.M., Kamath, R. <i>Journal of Materials Engineering and Performance</i> , 1998, 7, 747, https://doi.org/10.1361/105994998770347305 ,13, (IF = 2.036)
40	Dry sliding wear of short glass fibre reinforced zinc-aluminium composites Sharma, S.C. , Satish, B.M., Girish, B.M., Kamath, R., Asanuma, H., <i>Tribology International</i> ,1998, 31, 183, https://doi.org/10.1016/S0301-679X(98)00020-6 44, (IF = 5.62)
39	Mechanical properties of as-cast and heat-treated ZA-27 alloy/short glass fiber composites Sharma, S.C. , Girish, B.M., Satish, B.M., Kamath, R. <i>Journal of Materials Engineering and Performance</i> , 1998 7, 93, https://doi.org/10.1361/105994998770348098 , 22, (IF = 2.036)
38	Effect of the cooling rate on the dendrite arm spacing and the ultimate tensile strength of cast iron, Seah, K.H.W., Hemanth, J., Sharma, S.C. <i>Journal of Materials Science</i> 1998 33, 23 https://doi.org/10.1023/A:1004321007806 43, (IF = 4.682)

37	Effect of SiC particle reinforcement on the unlubricated sliding wear behaviour of ZA-27 alloy composites, Sharma, S.C., Girish, B.M., Kamath, R., Satish, B.M. <i>Wear</i> , 1997, 213-233, https://doi.org/10.1016/S0043-1648(97)00185-3 , 89, (IF =4.695)
36	Mechanical Properties of As-Cast and Heat-Treated ZA-27 Alloy/Short Glass Fiber Composites. Sharma, S.C., Girish, B.M., Satish, B.M., Kamath, R. <i>Journal of Materials Engineering and Performance</i> , 1997, 7, 93 , https://doi.org/10.1007/s11665-006-5009-y , (IF = 2.036)
35	Corrosion characteristics of ZA-27/glass-fibre composites, Sharma, S.C., Seah, K.H.W., Satish, B.M., Girish, B.M. <i>Corrosion Science</i> , 1997 39, 2143 https://doi.org/10.1016/S0010-938X(97)00098-X , 33, (IF = 7.72)
34	Hardness of aged ZA-27/short glass fibre reinforced composites, Sharma, S.C., Girish, B.M., Kamath, R., Satish, B.M., Seah, K.H.W. <i>Materials and Design</i> , 1997, 18, 155 , https://doi.org/10.1016/S0261-3069(97)00094-0 , 4, (IF =9.417)
33	Mechanical properties and fractography of cast lead-alloy/quartz particulate composites Sharma, S.C., Seah, K.H.W., Girish, B.M., Kamath, R., Satish, B.M. <i>Materials and Design</i> 1997, 18, 149, https://doi.org/10.1016/S0261-3069(97)00052-6 , 6, (IF =9.417)
32	Corrosion behaviour of lead alloy/zircon particulate composites, Seah, K.H.W., Sharma, S.C., Venkatesh, J., Girish, B.M. <i>Corrosion Science</i> , 1997, 39, 1443, https://doi.org/10.1016/S0010-938X(97)00048-6 , 8, (IF = 7.72)
31	Corrosion characteristics of ZA-27-graphite particulate composites, Seah, K.H.W., Sharma, S.C., Girish, B.M. <i>Corrosion Science</i> 1997, 39, 1, https://doi.org/10.1016/S0010-938X(96)00063-7 , 36, (IF =7.72)
30	Mechanical properties of as-cast and heat-treated lead alloy/zircon particulate composites Seah, K.H.W., Lu, L., Sharma, S.C., Venkatesh, J., Girish, B.M. <i>Composites Part A: Applied Science and Manufacturing</i> , 1997, 28, 113 https://doi.org/10.1016/S1359-835X(96)00099-1 , 2, (IF =9.463)
29	Mechanical properties of as-cast and heat-treated ZA-27/graphite particulate composites Seah, K.H.W., Sharma, S.C., Girish, B.M. <i>Composites Part A: Applied Science and Manufacturing</i> , 1997, 28, 251, https://doi.org/10.1016/S1359-835X(96)00117-0 , 51, (IF =9.463)
28	Fracture toughness of cast Al-Zn-Mg alloys, Seah, K.H.W., Sharma, S.C. <i>Journal of Materials Science and Technology</i> , 1996, 12, 199 , (IF =10.32)
27	Hardness, wear resistance and fracture toughness of cast lead-aluminum/corundum particulate composites, Seah, K.H.W., Kulkarni, R.S., Sharma, S.C., Ramachandra, A. <i>Journal of Materials Science and Technology</i> , 1996, 12, 357 , 3, (IF =10.32)
26	Evaluation of corrosion resistance of aluminium-copper-graphite particulate composites Sharma, S.C., Rao, G.S.K., Nagarajan, M., Girish, B.M., Kamath, R. <i>Materials Science Forum</i> 1996, 217-222, 1577, https://doi.org/10.4028/www.scientific.net/msf.217-222.1577 , 2, (IF =0.211)
25	Wear behaviour of lead alloy/zircon particulate composites, Seah, K.H.W., Sharma, S.C., Venkatesh, J., Girish, B.M. <i>Materials and Design</i> , 1996, 17, 27 https://doi.org/10.1016/0261-3069(96)00030-1 , 4, (IF =9.417)

24	Wear characteristics of as-cast ZA-27/graphite particulate composites Seah, K.H.W., Sharma, S.C. , Girish, B.M., Lim, S.C. <i>Materials and Design</i> 1996,17,63, https://doi.org/10.1016/S0261-3069(96)00033-7 ,35, (IF =9.417)
23	Effect of short glass fibers on the mechanical properties of cast ZA-27 alloy composites Sharma, S.C. , Seah, K.H.W., Satish, B.M., Girish, B.M. <i>Materials and Design</i> , 1996,17 245, https://doi.org/10.1016/s0261-3069(97)00016-2 ,40, (IF =9.417)
22	Wear characteristics of sub-zero chilled cast iron, Seah, K.H.W., Hemanth, J., Sharma, S.C. <i>Wear</i> 1996, 192, 134, https://doi.org/10.1016/0043-1648(95)06781-7 , 43, (IF = 4.695)
21	Mechanical property evaluation of aluminium-copper-graphite particulate composites Sharma, S.C. , Rao, G.S.K., Nagarajan, M., Girish, B.M., Kamath, R. <i>Materials Science Forum</i> 1996, 217-222,1871, https://doi.org/10.4028/www.scientific.net/msf.217-222.1871 ,4 , (IF =0.211)
20	Fatigue deformation characteristics of aged aluminium lithium alloys at elevated temperature Sharma, S.C. , Kamath, R., Girish, B.M., Vinai Babu, B.R. <i>Materials Science Forum</i> 1996, 217-222,1355, https://doi.org/10.4028/www.scientific.net/msf.217-222.1355 1, (IF = 0.211)
19	Recycling of ceramic particulate reinforced aluminum metal matrix composites, Sharma, S.C. , Murthy, C.S.C., Kamath, Rathnakar, Vinai Babu, B.R., Satish, B.M., Girish, B.M. <i>Proceedings of the TMS Fall Meeting</i> , 1995,283,
18	Effect of heat treatment on the corrosion characteristics of AL-Li alloys, Seah, K.H.W., Sharma, S.C. <i>Journal of Materials Science and Technology</i> , 1995, 11,385 , (IF =10.32)
17	Fracture toughness of sub-zero-chilled cast iron, Seah, K.H.W., Hemanth, J., Sharma, S.C. <i>Journal of Materials Science</i> , 1995, 30,4986, https://doi.org/10.1007/BF01154513 ,18
16	Machinability of alloyed austempered ductile iron ,Seah, K.H.W., Sharma, S.C. <i>International Journal of Machine Tools and Manufacture</i> , 1995, 35,1475 https://doi.org/10.1016/0890-6955(94)00121-Y ,26, (IF =10.331)
15	Mechanical properties of as-cast and wrought hiduminium/corundum particulate composites Seah, K.H.W., Kulkarni, R.S., Sharma, S.C. , Ramachandra, A. <i>Materials and Design</i> 1995,16,151, https://doi.org/10.1016/0261-3069(95)00033-X , (IF =9.417)
14	Tensile strength and hardness of sub-zero chilled cast iron Seah, K.H.W., Hemanth, J., Sharma, S.C. <i>Materials and Design</i> 1995 16 175 https://doi.org/10.1016/0261-3069(95)00027-5 14, (IF = 9.417)
13	Mechanical properties of cast lead alloy/silicon carbide particulate composites Seah, K.H.W., Tucci, A., Sharma, S.C. , Girish, B.M., Kamath, R. <i>Materials and Design</i> 1995 16 367 https://doi.org/10.1016/0261-3069(96)00016-7 ,3, (IF = 9.417)
12	Mechanical properties of as-cast and heat-treated ZA-27/silicon carbide particulate composites Seah, K.H.W., Sharma, S.C. , Rao, P.R., Girish, B.M., <i>Materials and Design</i> , 1995 ,16,277 https://doi.org/10.1016/0261-3069(96)00008-8 ,35, (IF = 9.417)
11	Effect of artificial ageing on the hardness of cast ZA-27/graphite particulate composites Seah, K.H.W., Sharma, S.C. , Girish, B.M., <i>Materials and Design</i> 1995, 16,337 https://doi.org/10.1016/0261-3069(96)00014-3 ,13, (IF = 9.417)
10	Mechanical properties of cast ZA-27/graphite particulate composites, Seah, K.H.W., Sharma, S.C. , Girish, B.M. <i>Materials and Design</i> ,1995,16,271 https://doi.org/10.1016/0261-3069(96)00001-5 , 56, (IF =9.417)

9	Effects of using hiduminium/corundum particulate composites as substitute materials for blade manipulators, Seah, K.H.W., Kulkarni, R.S., Sharma, S.C., Ramachandra, A. <i>Key Engineering Materials</i> , 1995, 104-107, 809 , (IF =0.2)
8	Ultimate tensile strength and fracture toughness of sub-zero chilled cast iron Seah, K.H.W., Hemanth, J., Sharma, S.C. <i>Technical Paper - Society of Manufacturing Engineers. EM</i> , 1994
7	Corrosion behaviour of sub-zero chilled cast iron Seah, K.H.W., Hemanth, J., Sharma, S.C., <i>Materials and Design</i> 1994, 15, 299 https://doi.org/10.1016/0261-3069(94)90077-9 ,9, (IF = 9.417)
6	Machinability of hiduminium/corundum particulate composites Seah, K.H.W., Kulkarni, R.S., Sharma, S.C., Ramachandra, A. <i>Technical Paper - Society of Manufacturing Engineers. EM</i> 1994, 153
5	Mechanical properties of aluminum/silicon carbide particulate composites Seah, K.H.W., Sharma, S.C. <i>Technical Paper - Society of Manufacturing Engineers. EM</i> 1994, EM94
4	Fabrication and evaluation of the mechanical properties of aluminium alloy-glass particulate composites, Sharma, S.C., Arun, S.R. <i>Journal of Materials Processing Tech.</i> 1993, 38, 381, https://doi.org/10.1016/0924-0136(93)90210-W ,1, (IF =6.162)
3	Fracture studies of stainless steels, Bannadi, Rathnakar Kamath, Sharma, S.C., Jebaraj, Martin P., Sharma, Ajit G., Mohammed, Syed Wasi , 1991, 333
2	Passivation of Fe-Si-Al alloys in sulfuric acid Srinivasan, Malur N., Chandrashekhara Murthy, C.S., Sharma, S.C., Arun, S.R., Prasanna, R. <i>Research and Industry</i> , 1990 , 35, 37
1	Localized corrosion of Al-Li alloys Sharma, S.C., Chowdiah, M.P., Jebaraj, P. Martin, Chandrashekhara Murthy, C.S., Prasanna, R. <i>Journal of the Electrochemical Society of India</i> 1989, 38, 79