

**J1 - Cancer Nanotechnology: Basic, Translational and Clinical Research  
(Springer)**

<b>ABSTRACT NO</b>	<b>ALL AUTHORS</b>	<b>TITLE</b>
127	T.Jayaramudu, K.Varaprasad, G.M. Raghavendra, and K. Mohana Raju*	A Novel Biodegradable hydrogels based on Acrylamide - Wheat Protein Isolation
147	Jagmeet Singh Sekhon 1*, H. K. Malik2, and S. S. Verma1	Configuring Ag-Au Core-Shell Nanoparticles for Biological Sensing Applications
171	T. Ezhilarasu, S. Malathi, G. Ramanjaneya Reddy and S. Balasubramanian	Synthesis, characterization and electrochemistry of gold nanoparticles with a ruthenium terpyridine complex and their anticancer activity
178	Anita K. Verma and Kumar. A	Pharmacokinetics & Biodistribution of Negatively charged Pectin nanoparticles encapsulating Paclitaxel
210	S. Devi, S. Jancy Sophia and K. Pandian*	Nickel (II) Hexacyanoferrate Decorated Titania Nanotube, NiHCF@TNTmodified GCE for Simultaneous Determination of Paracetamol and Caffeine in Biological Samples
269	Tapas Mitra, G. Sailakshmi and A. Gnanamani	Non Covalent Modification Is the Next Probable Step to Prepare A Collagen Based Biomaterial Using Di-Carboxylic Acids (Glutaric and Sebacic Acid)
283	M. A. Shah and S. Rubab	Benign way for mass production of Gd (OH) <sub>3</sub> nanorods: A bio-compatible approach
388	Saravanabhavan Shanmuga Sundar, Dharmalingam Sangeetha*	In-vitro bioactivity and biocompatibility studies of Polysulphone/Hydroxyapatite nanofiber composite as a post-surgical implant in cancer therapy
419	Dipti Kakkar Thukral1*, Shelly Arora1,2, Krishna Chuttani1, Anil K. Mishra1*	Matrix based Nanoparticulate Polymeric Systems for Potential Biomedical Applications

422	S.Inbakumar and A.Anukaliani	Studies on bio-medical application of ZnO coated on plasma treated fabric
432	P.Kumaresan, S.Pachaiyappan and P.Ambalavanan	Irradiation on Doped Multi-walled Carbon Nanotubes at Nano Scale for Medical Applications
481	Bhavna V Mohite and Satish V Patil*	PRODUCTION AND APPLICATIONS OF BACTERIAL CELLULOSE: A NOVEL BIOMATERIAL
485	P. Kumar, P. Kumar, L. M. Bharadwaj, A.Deep*	PROTEIN ENCAPSULATION IN ZINC IMIDAZOLE FRAMEWORK FOR NANO BIOMEDICAL DELIVERY APPLICATIONS
501	Tamilselvan .S, Geetha. R , Ashokkumar. T, #Govindaraju. K, and G.Singaravelu*	Biogenic silver nanoparticles' Bombyx mori nucleopolyhedrosis virus (BmNPV) inhibitory mechanism.
502	Geetha. R, Tamilselvan .S, Ashokkumar. T, #Govindaraju. K, and G.Singaravelu*	GREEN SYNTHESIS OF GOLD NANOPARTICLES AND THEIR ANTICANCER ACTIVITY.
505	M. Jannathul Firdhouse* and P. Lalitha**	Biosynthesis of silver nanoparticles using extracts of Alternanthera sessilis
506	Suguna S, Abhishek Kaushik, S.Shanmugasundaram	Anti-cancer activity of nano- curcumin
507	S. Suguna , , Manoj B. Menon, N. Dilli Rani, Ashwat Viswanathan, Abishek Kaushik, G. Saravanan and S. Shanmugasundaram	The bio-medical uses of Nanopeptides

## J2 - International Journal of Materials Engineering Innovation (Inderscience)

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115	Subash Prakash, Seenivasan Rajesh, Sarkarai Rajasingh, Chandran Karunakaran and Veerapandy Vasu	Transition metal (Co, Cu and Ni) oxides-doped ZnO-PPy nanocomposite on Pt modified electrodes for NOx detection
136	A P Apsara and B. Beena	Dielectric properties and ac conductivity of Cerium phosphate and its Lithium exchanged phase
163	S.Kumaravel, A.Venkatachalam and Thilak.Vadicharla	Design and Development of Carbon Nanotube for Protective Application
165	P. Negi, H. M. Agrawal and R. C. Srivastava	Structural, specific heat and conduction mechanism in $\text{Gd}_{0.7}\text{Ca}_{0.3}\text{MnO}_3$
190	Hemaunt Kumar, R. C. Srivastava, Puneet Negi, H. M. Agrawal and Anurag Singh	Raman Study of Cobalt Ferrite Nanoparticles
235	S.Latha, P.Selvamani and T.Silambarasi	Preparation and Evaluation of Prednisolone Magnetic Nanosuspension for Possible Use in Rheumatoid Arthritis Therapy
287	M. Nur-E-Alam, Mikhail Vasiliev, V. A. Kotov and Kamal Alameh	Garnet nanocomposite for use in magnetic photonic crystals prepared by composition adjustment in the $\text{Bi}_3\text{Fe}_5\text{O}_{12}$ - $\text{Bi}_2\text{Dy}_1\text{Fe}_4\text{Ga}_1\text{O}_{12}$ material system
288	M. Nur-E-Alam, Mikhail Vasiliev and Kamal Alameh	Effect of substrate temperature on the magneto-optic properties of $\text{Bi}_{1.8}\text{Lu}_{1.2}\text{Fe}_{3.6}\text{Al}_{1.4}\text{O}_{12}$ garnet films prepared by RF sputtering
295	R. Kannan, P. Ravichandran, A. Obadiah, K. Karunakaran and S. Vasanthkumar	Manganite Nanorods Supported Palladium Electrode – A Facile Electrocatalyst for Glycerol Fuel Cell
300	Md. Aref Billaha and Mukul K Das	Theoretical Analysis of GaSb/GaAs QWIP

313	A.S. Haja Hameed, C. Karthikeyan S. Sasikumar and G. Ravi	Effects of 2-methoxy ethanol on the structural and optical properties of ZnO nanoparticles prepared by sol-gel co-precipitation method
333	S.P. Yadav, S.S. Shinde, A.A. Kadam and K.Y. Rajpure	The influence of Mn substitution on the structural, electrical and magnetic properties of CoFe <sub>2</sub> O <sub>4</sub> ferrite
338	G.K.Sivasankarayadav, K.Sakthipandi, K.Thyagarajan and V. Rajendran	Synthesis And Characterization Of Nano La <sub>0.6</sub> ba <sub>0.4</sub> -Xpbxmno <sub>3</sub> (0 ≤ X ≤ 0.02) Perovskite Magnetite Materials
350	G. Arthi, J. Archana, M. Navaneethan, S. Ponnusamy, Y.Hayakawa, C. and Muthamizhchelvan	Effect of growth time on the morphology of TiO <sub>2</sub> microspheres assembled by nanofibers and their characterization
360	S. Kandasamy, D. K. Maurya, R. T. Tjeung, J. R. Friend and K. Alameh	Droplet Manipulation using ZnO/Sapphire based SAW Devices
377	B. Rekha, S. Seenithurai, S.Vinodh Kumar, C.Mahalakshmi, A. Sajitha Banu and M. Mahendran	Magneto-Thermal Behaviour of Ni-Mn-Ga Single Crystal
386	A.A. Kadam and K.Y. Rajpure	Effect of Dy doping on structural, electrical and magnetic properties of Ni-Co substitutional spinel ferrites
389	Baraneedharan.P, C.Siva, Kasi Nehru and Muthusamy Sivakumar	Effect of transition metal doping on structural, optical and electrical studies of SnO <sub>2</sub> nanoparticles
393	S.S. Kumbhar, M.A Mahadic, V.S. Mohite, S.S. Shinde, V.L. Mathe, K.Y.Rajpure and C.H. Bhosale	Preparation and characterization of Ni-Zn ferrite thin films by spray pyrolysis
434	Yathish Ullal and A. Chitharanjan Hegde	Development of Nanostructured Multilayer Coatings of Zn-Ni-Al <sub>2</sub> O <sub>3</sub> and their Characterization.
443	P.Koteswara Rao, M.B.suresh P.V Bhaskara Rao and B. N Wani	Synthesis and structural characterization of Gadolinium doped Ceria electrolyte material for solid oxide fuel cell application

446	R. Parimaladevi*, K. Sumathi	synthesis and characterization of ti doped zno nano particle
454	T.Sakthivel and V. Gunasekaran*	An Investigation On The Optical Properties Of Novel Snwo4-Reduced Graphene Oxide Nanocomposites
465	Arguine Tes Raj, S. Sophia, G. Ritega, Y. Indumathi, G. Sahaana and V. Gunasekaran*	Synthesis And Characterization Tio2 Nanoparticles
514	Ms. Padmashree Anand1, R. S. Kulkarni2 E.S. Dwarakadasa3 and Vynateya4	An insight into bharadwaja's vymanika sastra - study of vatadharana loha
522	M. Subbiah 2, M. Senthilkumar 3, P. Devapattabiraman	A land of opportunities for the designed construction of functional inorganic and hybrid organic - inorganic nanomaterials

### **J3 - International Journal of Green Nanotechnology (Taylor & Francis)**

<b>ABSTRACT NO</b>	<b>ALL AUTHORS</b>	<b>TITLE</b>
118	J.Yuvaloshini, G.Ravi and Ra.Shanmugavadivu	Synthesis and Characterization of Ni Doped ZnS Nanoparticles
128	Poornachari	A Clinical Study Of Advanced AIDS-KS With Liposomal Doxorubicin, Phleomycin And Vincristine In Nano Drug Delivery
145	A.M.Bhavikatti, Subhash Kulkarni, Arunkumar. Lagashetty and Mahadevi.B	Characterization and Electromagnetic Studies of Nano-Sized Gamma Ferrite
166	Rajalakshmi V, Rajendran R and Radhai R	Characterization and Optimization of vitex negundo nanoparticles for the development of antimicrobial textiles
170	T.Abiraman, S.Malathi, M.D.Balakumaran, P.T.Kalaichelvan and S.Balasubramanian	Green Synthesis of Copper oxide Nanoparticles and their Antimicrobial and DNA Cleavage Studies
213	Naveen Nagiah, Sivakumar Singaravelu, Lakshmi Madhavi, Anitha R, Tiruchirapalli Sivagnanam Uma and Tirupattur Srinivasan Natarajan	Development of electrospun poly (propylene carbonate) and polycaprolactone scaffolds for tissue engineering

214	Naveen Nagiaha, Giriprasath Ramanathana, Sylviya undarsingha, Tiruchirapalli Sivagnanam Umaa and Tirupattur Srinivasan Natarajanb	Synthesis of blended fibers of poly (3-hydroxybutyric acid) and poly (propylene carbonate) scaffolds for tissue engineering
247	Lakshmi Nair, K. Rajendra babu, Dhanya chandran and Pournami Vijayan	Magnetic properties of doped NiO
263	Neeta Dhavale, Gauri Shelar, Renuka R Gonte and Balasubramanian K.	Cellulosic Composites for Effluent Waste Water Treatment
289	R. Saravanan, S. Joicy, V. Narayanan and A. Stephen	Synthesis and characterization of Cerium dioxide (CeO <sub>2</sub> ) nanoparticles by Chemical precipitation method
302	Santosh K. Choudhary and Mukul Kumar Das	Effect of Carrier Trapping on the Efficiency of Si/SiGe Heterojunction Solar cell
303	K.A. Vijayalakshmi and Nafeesa Baby T.P	Plasma Dispersion relations in multi walled carbon nano tube
344	S. Lokina and V. Narayanan	Synthesis of Gold Nanoparticles Using Punica Granatum Extract and Evaluation of Their Antimicrobial Activities
358	Khalid P, Hussain M. A, Rekha P. D, Suman V. B and Arun A. B	Modification of Carbon Nanotubes for Bio-Applications and Toxicity Evaluation
374	M. R. Sonawane, Darshan Habale, B. J. Nagare, Rita Gharde and R. G. Atram	Density functional study of ozone adsorption on silicon doped (8, 0) carbon nanotubes
425	Dr. R. Chandramohan, J. Thirumalai, M. Basheer Ahmed, S. Balamurali, M. Karunakaran and T. Mahalingam	SILAR method potential in morphological tailoring
433	B. S. Ravikumara, H. Nagabhushanaa, Kurien Mathew, B. M. Nagabhushana and R. P. S. Chakradar	Synthesis of ZnO nanorods and particles: Characterization, gas sensing properties
441	D.L. Monika, C.J. Shilpa, D.V. Sunitha, J. Malleshappa, H. Nagabhushana, K.L. Narasimha Rao and B.M. Nagabhushana	CeO <sub>2</sub> nanocrystalline thin films: preparation and characterization

448	A. Shajitha Banu, S. Rekha, C. Mahalakshmi and M. Mahendran	Magneto-Mechanical Properties of Disordered Ni-Mn-Ga Nano Materials
449	M. Balamurugan* and S. Saravanan	Eucalyptus leaf extract mediated synthesis of Iron oxide nanoparticles
450	1Rajendra R. Patil, 2Vani R. M and 1P.V. Hunagund	Antenna Development using Nanotechnology: a Review
459	R. Nivea, R. Kannan, and V. Gunasekaran*	Hetropoly Acid Pillared Tio2 Nanocomposite For Environmental Applications
476	Naveen S and Farhath Kanum*	Characterization and evaluation of Iron nano-emulsion prepared by high speed homogenization
489	R.Balamurugan & S.Muruganand	Study of Surface Position Changes of Materials Using Laser Speckle Pattern Interferometry Technique

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146	Gautam kumar sah and Ashok kumar Gupta	Miscibility studies of PVC/PMMA blends in Tetrahydrofuran by viscosity, density, refractive index and ultrasonic velocity method
215	Sarita Roy, Soumen Basak and Anjan K. Dasgupta	Amplification and Emergence Chirality in Nanostructures
270	Eagambaram Murugan, Paramasivam Shanmugam and S. Nathiya	Synthesis and Characterization of polymer-supported beads immobilized with Silver and Gold nanoparticles: A new heterogeneous nanoparticle catalysts for reduction of Crystal violet dye
271	Eagambaram Murugan and Sivaranjani Arumugam	Synthesis and characterization of multi-walled carbon nanotubes based composite materials derived via electrostatic interaction of dendrimer/ metal nanoparticles

272	E.Murugan, Geetha Rani D.P and Yogaraj V.	Synthesis of Quaternary Ammonium Functionalized Poly(propyleneimine) Dendrimer and Its Possible Application as Drug Carrier using Piroxicam as a model drug
273	Feng Xiao, Guangyuan Li, Kamal Alameh and Anshi Xu	Surface plasmon resonance based sensor for simultaneous monitoring of water salinity and temperature
305	Ayman Karar, Chee Leong Tan, Kamal Alameh, Yong Tak Lee and Ampalavanapillai Nirmalathas	Metal-Semiconductor-Metal Photodetector with Enhanced TE-polarization Transmission
336	D. Selvakumar and R. Jayavel	Fabrication of Pbse - Zno Based Thin Films for Solar Cell Applications
343	Rama K. Layek, Aniruddha Kundu and Arun K. Nandi	Enhancement of Modulus, Strength and Conducting properties in reduce graphene oxide- graft- Poly (methyl methacrylate)/Poly vinyl chloride nanocomposite
385	S.I. Inamdar and K.Y. Rajpure	Studies on the synthesis and characterization of co-precipitated nanocrystalline Zn-Pb-O system
387	S.K. Patil, S.S. Shinde and K.Y. Rajpure	Optoelectronic properties of spray deposited Ni-doped zinc oxide thin films
400	C. Revathi, S. BagyaLakshmi and R.T. Rajendrakumar	Synthesis and characterization of MnO <sub>2</sub> Nano particles for Hydrogen Peroxide sensing
418	C. Babeela, K. Vinodhini and T.C. Sabari Girisun	Extraction of Fe <sub>2</sub> O <sub>3</sub> from the Industrial Waste for Photonic Applications
483	Chiranjit Santra, Sandip Mandal, Udayabhanu Gopalkrishnan Nair and Biswajit Chowdhury*	Gold supported on alkali metal-doped ceria catalysts for the liquid phase selective oxidation of Benzyl alcohol using molecular O <sub>2</sub> .
512	*K. Juliet Gnana Sundari a, C. Joseph Kennadya, S. Rajendranb	Effect of acetaldehyde on the properties of Zn-Ni alloy electrodeposit from EDTA bath



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107	S G Gaurkhede, M M Khandpekar , S P Pati and A T Singh	Hexagonal Synthesis of LaF <sub>3</sub> :Nd <sup>3+</sup> , Sm <sup>3+</sup> nano crystals and Studies of NLO Properties
116	MK Anand Kumar	MEMS and nanotechnology in radar applications
124	P. Barik and T. K. Kundu	Photoluminescence in Fe <sup>3+</sup> ion doped barium titanate nanoparticles
131	A. S. Ganeshraja and K. Anbalagan	Participation of Nanocrystalline TiO <sub>2</sub> Surface in the Electron Transfer between Semiconductor Solid and Adsorbed Cobalt(III)-Rpy Complex
144	Anima Johari, Anoopshi Johari, M.C. Bhatnagar and Manish Sharma	Atmospheric Pressure growth of Cu- Doped SnO <sub>2</sub> Nanowires and their properties
162	C. C. Chauhan, R. B. Jotania and K. R. Jotania	Structural Properties of Cobalt substituted Barium hexaferrite Nanoparticles prepared by a Thermal Treatment Method
182	S.Sivasathya and D.JohnThiruvadigal	The Effects of Defects on Electron Transport in Metallic Single Wall Carbon Nanotubes
274	Nazme Moushummy, Kamal Alameh, V. Rajendran and Yong Tak Lee	Silver nanoparticle size and spacing control for low-reflectivity structure development
320	D.V. Sunitha, C. Manjunatha H. Nagabhushana, S.C. Sharma, B.M. Nagabhushana and R.P.S. Chakradharc	Synthesis and thermally stimulated luminescence studies of $\gamma$ -irradiated CdSiO <sub>3</sub> :Ni <sup>2+</sup> nanocrystalline phosphors
321	Sheena Xavier, Smitha Thankachan, Binu P. Jacob and E. M. Mohammed	Effect of Sintering Temperature on the Structural and Magnetic Properties of Cobalt Ferrite Nanoparticles

325	RM. Hariharan and D. John Thiruvadigal	Effect of anchoring atoms on transport properties of a carbon-dimer based molecular junctions: A first principles study
342	M. Vijay Kumar and S. Krishna Prasad	Composites of single walled carbon nanotubes and liquid crystals as switchable conductors
345	H.B. Premkumar, D.V. Sunitha, H. Nagabhushana, S.C. Sharma, S.C. Prashantha, B.M.Nagabhushana, R.P.S. Chakradhar	Low Temperature Synthesis and Thermoluminescence studies of undoped and Ce <sup>3+</sup> doped YAlO <sub>3</sub> nanocrystalline phosphor
346	Sunny Joseph, Priyanka K.P, Smitha Thankachan, Jaseentha O.P., Mohammed E.M., George K.C. and Thomas Varghese	Dielectric studies of nanocrystalline manganese tungstate
355	M. Sridhar, D. K. Maurya, J. R. Friend, L. Y. Yeo and K. Alameh	Microfluidic Channel Fabrication in Lithium Niobate using Focused Ion Beam
361	Valentina Tiporlini, Hoang N. Nguyen and Kamal Alameh	Noise Suppression in Unshielded Magnetocardiography: Least-Mean Squared Algorithm versus Genetic Algorithm
396	Kanniah Rajkumar and Krishnamoorthy Anbalagan	Surface Impregnation of Transition Metal Ion on Polycrystalline TiO <sub>2</sub> using CuII(en)(im) <sub>2</sub> <sup>+</sup> Complex Ion in Aqueous Medium
401	C. Deepa, A. Nishara Begum and S. Aravindan	Preparation and antimicrobial observations of zinc doped nanohydroxyapatite
426	S. Kanchana, P. Ashokkumar and Kalisdha A	Scientometric Analysis of Nano Science and Nano Technology Research Output in Asian Countries: A Study based on Web of Science database
436	Vaishaka V.Rao and A.Chitharanjan Hegde	Electrofabrication of nanostructured multilayer coatings for better corrosion protection

## J6 - Polymer International (Wiley)

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110	A.Deepak, V.Karthick, Vaidehi Ganesan, Varrla Eswaraiah, Sundara Ramaprabhu, P.Shankar	Defect Detection and Strain Analysis on the surface Using Carbon Nanotube based Electro Mechanical Systems
134	Sandip V. Kamat, Vaishali S. Patil, Vijaya Puria and R.K. Puri	Adhesion of the chemical bath deposited polythiophene thin films
135	N.Ammakutti @ Sridevi, K.Karuppasamy, C.Viji Vani, S.Dawn Dharma Roy, PaitipThiravetyan and X.Sahaya Shajan	Electrochemical studies on plasticized nanocomposite polymer electrolytes for magnesium-ion batteries
139	J. B. Yadav, A. A. Jatratkar, R. K. Puri and Vijaya Puri	Study of ambient air ageing effect on vapor chopped Polyaniline (Aqueous) thin film.
164	C. Vijil Vani, N.Ammakutty @ Sridevi, S. Balakumar and X. Sahaya Shajan	Effect of X-ray irradiation on nano-composite polymer electrolytes complexed with LiCF3SO3
189	D.Duraibabu, M.Alagar and S.Anand kumar	A New Ether Linked Tetraglycidyl / Diglycidyl Epoxy Blend and Its Nanocomposites
198	Subramanian N, Chandra sekar P, Abimanyu S, Sharavanan S.P, Nandagopal M, Vijula rani D and Jamuna rani N	Development and Evaluation of Propellant Free Quick Break Foam Forming Clobetasol Propionate Nanoemulsion for Efficient Treatment of Psoriasis
212	D. Suresh, M. Vijay Srinivasan, P. Kannan, A. N. Dhinaa and P. K. Palanisamy	Photo-switching and nonlinear optical behaviors of biphenyl based main chain liquid crystalline polymers

217	B. Lakshmeesha Rao, Mahadeviah , S. Asha, R. Somashekar and Sangappa	Effect of ZnO Nanoparticles on Structural, Mechanical, Optical and Surface Properties of HPMC Polymer Films
226	P. Manivel, S. Ramakrishnan, M. Dhakshnamoorthy, A. Balamurugan, Nikhil K. Kothurkar and C. Viswanathan	Co-oxidation agent effects on the electrical and thermal properties of Polyaniline nanofibers
227	S. B. Pawar, S. A. Pawar, P. S. Patil and P. N. Bhosale	Chemosynthesis of ZnO Nanorods and Its Photoelectrochemical Properties
228	Manauti Salunkhe, Nita Pawar, Suvarta Kharade, Sanjeevani Patil, Sahas Mohite and P. N. Bhosale	Annealing effects on thermoelectric properties of nanocrystalline MoBi <sub>2</sub> (Se <sub>0.5</sub> Te <sub>0.5</sub> ) <sub>5</sub> thin films.
231	Subramanian Natesan, Chandra sekar Ponnusamy, Abimanyu Sugumaran and Venkateshwaran Krishnaswami	Design and Development of Novel Artemisinin and Dexamethasone Topical Nanodispersion for the effective treatment of Age Related Macular Degeneration (AMD)
232	S. P. Patil, S. S. Mali, R.M. Mane, R. R. Kharade, V.B. Ghanwat, V. V. Kondalkar and P. N. Bhosale	Synthesis and Characterization of Novel MoBiGaSe <sub>5</sub> Thin Films by Vacuum Deposition Technique
233	Subramanian Natesan, Vinoth Jeevanesan, Vanitha Kuppusamy and Siva sankari Gomathinayagam	Temperature and Ph Responsive In Situ Gel Forming Nanodispersions for Efficient Ocular Delivery of Ibuprofen
234	S.Latha, P. Selvamani and C.Prabu	Formulation Development and Pharmaceutical Evaluation of Lornoxicam Magnetic Nanoemulsion
248	S.Sathish and B.Chandar Shekar	Transparent Nano Composite Thin Films for Thin Film Transistors & Opto-Electronic Devices
249	R. Ramani and Sarfaraz Alam	Influence of Alkyl Thiols on the Nanostructure of P3HT/PCBM and P3OT/PCBM blends

257	Smrutisikha Bal and Snigdha Bhattacharjee	Comparison and Analysis of Physical Properties of Carbon Nanomaterial Doped Polymer
267	S.Arunkumar, K.Maheshvaran and K.Marimuthu	Luminescence studies on Er <sup>3+</sup> /Yb <sup>3+</sup> doped Telluro-borate glasses
275	J.D.Sudha	Water Dispersible Self-Assembled Nano Fibrils of Conducting Poly (3, 4 Ethylene Dioxy Thiophene) Using A Novel Template Approach
281	Neeraj Kumar 1 and Rabinder Nath <sup>2</sup>	Ferroelectric Polarization Switching in Potassium Nitrate (III) Composite Thick Films
298	Bao-Fu Ding and Kamal Alameh <sup>1</sup>	High contrast tandem organic light emitting devices employing semitransparent intermediate nano metal layers and a phase shifting layer
299	Bao-Fu Ding and Kamal Alameh	Polymer chain distribution reorganization for improving the conversion efficiency of ultra thin organic solar cells
310	Amit Mandal and Arun K. Nandi	Piezoelectric b-Polymorph Stabilization by Integration of Ionic liquid Modified Multiwalled Carbon Nanotube in Poly(vinylidene fluoride)
322	Sushma Pardeshi, Rita Dhodapkar and Anupama Kumar	Comparison of different Polymerization Protocols on the Molecular recognition ability of Molecularly Imprinted polymers
359	D. K. Maurya, S. Kandasamy, F. Lapierre, K. Alameh and Y. Zhu	Polymer Hot Embossing with Soft Stamps
381	K. Hari Prasad, D. Narsimulu, M. Venkateswarlu and N. Satyanarayana	Synthesis and Characterization of LiMn <sub>2</sub> O <sub>4</sub> Spinel Phase nanoparticles by the Pechini Process
410	J.Balavijayalakshmi, N.Suriya Narayanan and R.Jayaprakash	Preparation of cobalt–copper ferrite (Co <sub>0.8</sub> Cu <sub>0.2</sub> Fe <sub>2</sub> O <sub>4</sub> ) nanopowder via co-precipitation method and investigation of its magnetic properties

447	C. Mahalakshmi, S.Vinodhkumar, S.Seenithurai S. Rekha, A. Sajitha Banu and M. Mahendranl	Ferromagnetic Shape Memory Alloys for Vibration Damping Applications
473	Sana Kausar, Dr. Shirish Joshi, Syed Mujahid husain	Effect of hydroxyl passivation on band gap of silicon Nanowires
482	Alveera Khan, Dr. Shirish Joshi	Sample Preparation of Chemically Treated Coir Fiber
497	T. Subbu Lakshmi, S. Rajendran	Synthesis and Conductivity study on TiO <sub>2</sub> incorporated PVCAC based polymer electrolyte system
498	D. Vinoth Pandi, S. Rajendrana	Investigation on the Addition of Plasticizers in Pvcac Based Polymer Electrolyte System
503	K. Sasikumar, Manoj N.R., T. Mukundan and D. Khastgir1	Compressive Hysteresis in CNT Reinforced Rubber Nanocomposites
520	Deepti Singh, Dolly Singh and Sung Soo HAN	Gelatin Micro Particle Loaded With Plant Extract For Lung Tissue Regeneration

**J7- Synthesis and Reactivity in Inorganic, Metal-Organic and Nano-Metal Chemistry (Taylor and Francis)**

<b>ABSTRACT NO</b>	<b>ALL AUTHORS</b>	<b>TITLE</b>
151	A.P. Alegaonkar, Arvind Kumar, P. S. Alegaonkar, S. A Waghmode and S.K.Pardeshi	Characterizations On Tetrakis (Dimethyl Amino) Ethylene–Treated–Graphene
176	B. Chandra Babu and S. Buddhudu	Structural & photoluminescence spectra of Zn <sub>2</sub> SiO <sub>4</sub> : Eu <sup>3+</sup> & Zn <sub>2</sub> SiO <sub>4</sub> :Eu <sup>3+</sup> : Li <sup>+</sup> powder phosphors by a sol-gel method
199	P.S.Jadhav, K.K.Patankar, V.L.Mathe and Vijaya Puri	Effect of Cu and Mn doping on structural ,electrical and magnetic properties of Ni-Co nanocrystalline ferrite system
200	Priyanka Kashid, Deepti Kulkarni and Vijaya Puri	Microwave Studies of nano-sized Ba <sub>4</sub> Co <sub>2</sub> Mn(0.2)Fe(35.8)O <sub>60</sub> mixed hexaferrite

201	R. N. Jadhav and Vijaya Puri	Effect of thickness and pH on microwave complex permittivity and absorption of fritless zinc manganite thick films
202	R. P. Pawar, S. N. Mathad and Vijaya Puri	Microwave Properties of strontium calcium manganite in the 8-12 GHz frequency spectrum
206	N. Rajamanickam, S. Rajashabala and K. Ramachandran	Role of Mn-doping on the structural, morphological and optical properties of ZnO nanorods
239	R.Sengodan, B.Chandar Shekar and S.Sathish	Structural and Optical properties of Vacuum Evaporated Nano scale BaTiO <sub>3</sub> Thin Films Prepared from BaTiO <sub>3</sub> Nanoparticles Synthesised by Wet Chemical Method
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405	D. Selvakumar, N. Dharmaraj, N.S. Kumar and V.C. Padaki	Oxygen Sensing Properties of Platinum Doped Indium oxide Nanoparticles Prepared by Hydrothermal Method

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417	R.Lakshmi Narayanan, K. Venkateswara Rao, M.Sivakumar	Efficient preparation and size evaluation of Gold Nanoparticles in chitosan suspension by one-pot chemical reduction method
420	Ramakrishnan S, Jelmy E.J, Dhakshnamoorthy M, Murali Rangarajan, Vasanthakumari R and Nikhil K. Kothurkar	Synthesis of carbon nanotubes from ethanol using RF-CCVD and Fe-Mo catalyst
421	R Raj Mohan, K.Rajendran and K.Sambath	Preparation and study of un-doped and Al doped ZnO nano powders using simple hydrothermal method
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