

## AUTHOR INDEX

Acharyya R		Banitaba S H	
Iridium mediated phenolic O–H activation and cyclometalation of 2-(naphthyl-1'-azo)-4-methylphenol – Formation of organoiridium complexes	387	<i>see</i> Safari J	481
Agarwal M		Basanagouda M	
Evaluation of collective transport properties of ionic melts from molecular dynamics simulations	913	Synthesis of some new 4-aryloxymethylcoumarins and examination of their antibacterial and antifungal activities	485
Akilandeswari L		Basavaiah D	
Fluorine effect on pericyclic and pseudopericyclic processes: Evidences and <i>ab initio</i> theory	859	Towards chiral diamines as chiral catalytic precursors for the borane-mediated enantioselective reduction of prochiral ketones	1003
Ali S M		Bera N	
<i>see</i> Upadhyay S K	521	<i>see</i> Das C	607
Al-Schemi A G M		Berchmans Sheela	
<i>see</i> Asiri A M A	983	<i>see</i> Varatharajan S	665
Amaran S		Bertrand P	
Quantum dynamics of vibrational excitations and vibrational charge transfer processes in $\text{H}^+ + \text{O}_2$ collisions at collision energy 23 eV	797	<i>see</i> Charrier C	471
Ameta S C		Bhaduri S	
<i>see</i> Jain A	1027	<i>see</i> Maity P	377
Anand O N		Bhattacherjee A	
<i>see</i> Choudhary R B	353	Statistical theory of neutral protein evolution by random site mutations	887
Ananthanarayanan K		Bhattacharjee B	
<i>see</i> Easwaramoorthi S	711	<i>see</i> Sur P	929
Ansari K F		Bhattacharyya K	
Synthesis and biological activity of some heterocyclic compounds containing benzimidazole and beta-lactam moiety	1017	<i>see</i> Das C	607
Aoki K		Bhattacharya S	
Simulation for memory effect of Fick's first law	601	<i>see</i> Guharoy C	257
Aoyoma H		<i>see</i> Acharyya R	387
<i>see</i> Chandrasekaran R	339	<i>see</i> Panda A	535
Ashwini Kumar K		Bhattacharyya S P	
<i>see</i> Reddy K L	1053	<i>see</i> Ghosh S	757
Asiri A M A		Bhuvan Kumar N N	
Multifunctional switches based on <i>bis</i> -imidazole derivative	983	Allenylphosphonates with a 1,3,2-dioxaphosphorinane ring: Synthesis, structures, stability and utility	23
Aslanoglu M		Bilge S	
Voltammetric behaviour of levodopa and its quantification in pharmaceuticals using a $\beta$ -cyclodextrine doped poly (2,5-diaminobenzenesulfonic acid) modified electrode	209	Intramolecular hydrogen bonding and tautomerism in Schiff bases: Part VI. Syntheses and structural investigation of salicylaldimine and naphthaldimine derivatives	989
Badahdah K O		Biswas P	
<i>see</i> Asiri A M A	983	<i>see</i> Bhattacharjee A	887
Baghaffar G A		Biswas R	
<i>see</i> Asiri A M A	983	<i>see</i> Pradhan T	95
Balanarayanan P		Bolourtchian M	
<i>see</i> Roy D K	815	<i>see</i> Ghaffarzadeh M	177
		Borah B J	
		<i>see</i> Pazzona F G	921
		Boruah R K	
		<i>see</i> Saikia B K	103

Boughzala K		Chen Z	
Structural and spectroscopic investigation of lanthanum-substituted strontium oxybritholites	283	Preparation and adsorption property of aminated cross-linking microbeads of GMA/EGDMA for bilirubin	1061
Bouzouita K	283	<i>see</i> Choudhury N A	
<i>see</i> Boughzala K		Poly (vinyl alcohol) hydrogel membrane as electrolyte for direct borohydride fuel cells	647
Braga D	413	<i>see</i> Sampath S	727
<i>see</i> Indrani M		<i>see</i> Choudhary R B	
Bukhari A A	983	Surface reactivity and layer analysis of chemisorbed reaction films in the surface-chemical environment of alkyl octadecenoates	353
<i>see</i> Asiri A M A		<i>see</i> Kumar D	955
Büyükgüngör O	267	<i>see</i> İbişoğlu H	125
<i>see</i> Taş M		<i>see</i> Colombo A	
Cao Y		<i>see</i> Guerrini E	639
Catalytic synthesis of nitrogen-doped multi-walled carbon nanotubes using layered double hydroxides as catalyst precursors	225	<i>see</i> Dal H	
Carlson T F	655	<i>see</i> İbişoğlu H	125
<i>see</i> Sambandam S		<i>see</i> Damodiran M	
Castro M	83	A simple protocol for the michael addition of indoles with electron deficient olefins catalysed by TBAHS in aqueous media and their broad spectrum antibacterial activity	65
<i>see</i> Ramajo L		<i>see</i> Daryaei I	
Cengiz M	163	<i>see</i> Ghaffarzadeh M	177
<i>see</i> Dede B		<i>see</i> Das C	
Chakraborty A	849	Graham's law of diffusion: Quantum analogy and non-ideality	607
<i>see</i> Duley S		<i>see</i> Das S	
Chakravarty C	913	Coulomb explosion of methyl iodide clusters using giga watt laser pulses in the visible region: Effect of wavelength, polarisation and doping	965
<i>see</i> Agarwal M		<i>see</i> Das U	
Chakravarty Manab	23	<i>see</i> Basavaiah D	1003
<i>see</i> Bhuvan Kumar N N		<i>see</i> Datta S N	
Chand D K	111	<i>see</i> Panda A	535
<i>see</i> Jeyakumar K		<i>see</i> Mehta N	881
Chandrakala T	529	<i>see</i> Dede B	
<i>see</i> Raj V		Synthesis, characterization and extraction studies of N,N"-bis[1-biphenyl-2-hydroxyimino-2-(4-acetyl-anilino)-1-ethylidene]-diamines and their homo-and heteronuclear copper(II) complexes	163
Chandrasekaran R		<i>see</i> Demontis P	
Electrochemical cell studies on fluorinated natural graphite in propylene carbonate electrolyte with difluoromethyl acetate (MFA) additive for low temperature lithium battery application	339	<i>see</i> Pazzona F G	921
Chanmanee W	655	<i>see</i> Deng Jun	
<i>see</i> Sambandam S		<i>see</i> Li Yan	1069
Charrier C		<i>see</i> Devi R S	
Biological activities of substituted trichostatic acid derivatives	471	<i>see</i> Fathima N N	509
Chattaraj P K	849	<i>see</i> Dhanalakshmi S	
<i>see</i> Duley S		<i>see</i> Raj V	529
Che Y		<i>see</i> Dhathathreyan A	
Isolation and characterization of Higher metallofullerenes Ca@C <sub>92</sub> and Ca@C <sub>94</sub>	297	<i>see</i> Fathima N N	509
Chehardoli G			
1,3,5-Triazine-2,4,6-triyltrisulfamic acid (TTSA): A new organic solid acid for the nitrosation of secondary amines and oxidation of urazoles in the presence of NaNO <sub>2</sub> under mild and heterogeneous conditions	441		
Chekin F	1083		
<i>see</i> Raoof Jahan-Bakhsh			
Chen Xue-Jiao	397		
<i>see</i> Tan Li-Feng			

Dilsha K M		Gao Y	
Kinetics and correlation analysis of reactivity in the oxidation of organic sulfides by butyltriphenylphosphonium dichromate	189	<i>see</i> Wu G H	543
Dinesh Kumar		Gaur M	
Synthesis, magnetic and spectral studies on polystyrene-anchored coordination complexes of bi-, tri-, tetra- and hexavalent metal ions with unsymmetrical dibasic tetradentate ONNO donor Schiff base derived from 3-formylsalicylic acid, ethylenediamine and 2-benzoylacetanilide	57	<i>see</i> Sharma M	503
Ding Ai-Min		Gesson Jean-Pierre	
<i>see</i> Yao Cheng-Li	89	<i>see</i> Charrier C	471
Doble Mukesh		Ghaffarzadeh M	
<i>see</i> Damodiran M	65	H <sub>2</sub> O <sub>2</sub> -HBr: A metal-free and organic solvent-free reagent system for the synthesis of arylaldehydes from methylarenes	177
Drew M G B		Ghorbani-Choghamarani A	
<i>see</i> Guharoy C	257	<i>see</i> Chehardoli G	441
Duley S		Ghosh S	
Bonding, aromaticity and reactivity patterns in some all-metal and non-metal clusters	849	On optimal designing of low frequency polychromatic fields for facile photo-dissociation of model diatomic molecules	757
Dutta S		Ghosh S K	
<i>see</i> Mandal T K	873	<i>see</i> Samanta A	897
Easwaramoorthi S		Ghoshal P	
X-Ray photoelectron spectroscopic investigation of phenosafranine adsorbed onto micro and mesoporous materials	711	<i>see</i> Pradhan T	95
Elango M		Giri S	
Structure and stability of spiro-cyclic water clusters	839	<i>see</i> Duley S	849
Eswaran S V		Giribabu L	
<i>see</i> Sharma M	503	Unsymmetrical extended $\pi$ -conjugated zinc phthalocyanine for sensitization of nanocrystalline TiO <sub>2</sub> films	75
Faal-Rastegar T		Gogoi P K	
<i>see</i> Chehardoli G	441	<i>see</i> Saikia B K	103
Fang Li-Chao		Goktas S	
<i>see</i> Li Yan	1069	<i>see</i> Aslanoglu M	209
Fang Rui-Qin		Gopalakrishnan J	
<i>see</i> Qian Y	463	Quest for new materials: Inorganic chemistry plays a crucial role	235
Fathima N N		Grätzel M	
Collagen-curdumin interaction – A physico-chemical study	509	<i>see</i> Giribabu L	75
Fischer G		Guerrini E	
<i>see</i> Sürgers C	173	Surface modification of RuO <sub>2</sub> electrodes by laser irradiation and ion implantation: Evidence of electrocatalytic effects	639
Fronczek Frank R		Guharoy C	
<i>see</i> Indrani M	413	Tris-(1,3-diaryltriazene) complexes of rhodium – Synthesis, structure and, spectral and electrochemical properties	257
Fu Y		Gundlach L	
<i>see</i> Shao Ming-Wang	323	Test of theoretical models for ultrafast heterogeneous electron transfer with femtosecond two-photon photo-emission data	561
Gadre S R		Guo B	
<i>see</i> Roy D K	815	The study of the relationship between pore structure and photocatalysis of mesoporous TiO <sub>2</sub>	317
Gao B		Gupta A K	
<i>see</i> Chen Z	1061	A comparative study of electrochemical reduction of isatin and its synthesized Schiff bases at HMDE	347
		<i>see</i> Basanagouda M	485

Hassan N		Jiang Z	
A comparative electrochemical study of electrosorbed 2- and 4-mercaptopuridines and their application as corrosion inhibitors at C60 steel	693	see Wang J	1077
Hayvali Z		Jiao K	
<i>see</i> Bilge S	989	see SUN W	217
He Shanshan		Jiao Q	
<i>see</i> Wang J	1077	see Cao Y	225
He Yan		Jie S	
Synthesis and luminescent properties of novel Cu (II), Zn (II) polymeric complexes based on 1,10-phenanthroline and biphenyl groups	407	see Mei Luo	435
Hökelek T		Jin H	
<i>see</i> İbişoğlu H	125	see Che Y	297
<i>see</i> Bilge S	989	Jing X	
Holze Rudolf		see Wang J	1077
<i>see</i> Hassan N	693	Joseph Sumy	
Hosamani R R		Electrodeposition of BaCO <sub>3</sub> coatings on stainless steel substrates: Oriented growth in the presence of complexing agents	685
Mechanistic study of ruthenium (III) catalysed oxidation of L-lysine by diperiodatoargentate (III) in aqueous alkaline medium	275	Joshi Y C	
Hosur R V		see Kumar R	497
<i>see</i> Kumar D	955	Kamath P V	
Hua J		see Joseph Sumy	685
<i>see</i> Shao Ming-Wang	323	Kaminsky W H	
Huang Hui		see Singh K S	1041
<i>see</i> Li Yan	1069	Kandasamy K	
İbişoğlu H		Synthesis and characterization of CdS and CdSe nanoparticles prepared from novel intramolecularly stabilized single-source precursors	293
Formation of novel spiro, spiroansa and dispiroansa derivatives of cyclotetraphosphazene from the reactions of polyfunctional amines with octachlorocyclotetraphosphazatetraene	125	Kant R	
Ibrahim A M		see Kumar R	579
<i>see</i> Zahran M A H	455	Karabulut S	
Indrani M		see Aslanoglu M	209
Supramolecular network formed through O–H...O and π–π stacking interactions: Hydrothermal syntheses and crystal structures of M(H <sub>2</sub> O) <sub>6</sub> ] (optp) <sub>2</sub> (M = Mg, Ni, Zn, and optp = 1-oxopyridinium-2-thiopropionate)	413	Karipcin F	
Jacob M		see Dede B	163
<i>see</i> Akilandeswari L	859	Katikawong P	
Jain A		Temperature dependence studies on the electro-oxidation of aliphatic alcohols with modified platinum electrodes	329
A Study of catalytic behaviour of aromatic additives on the photo-fenton degradation of phenol red	1027	Khabazzadeh H	
Jaipal		Cu-exchanged heteropoly acids as efficient and reusable catalysts for preparation of 1-amidoalkyl-2-naphthols	429
<i>see</i> Dinesh Kumar	57	Khan S A	
Jeyakumar K		see Asiri A M A	983
Application of molybdenum(VI) dichloride dioxide (MoO <sub>2</sub> Cl <sub>2</sub> ) in organic transformations	111	Khara D C	
Jiang Y		Excited state dynamics of 9,9'-bianthryl in room temperature ionic liquids as revealed by picosecond time-resolved fluorescence study	309
A new convenient access to highly functionalized ( <i>E</i> )-2-arylvinyl bromides	1035	Khazi I A M	
		see Shetty N S	301
		Kilic Ahmet	
		Synthesis, spectroscopic and redox properties of the mononuclear Ni <sup>II</sup> , Ni <sup>II</sup> (BPh <sub>3</sub> ) <sub>2</sub> containing (B–C) bond and trinuclear Cu <sup>II</sup> –Ni <sup>II</sup> –Cu <sup>II</sup> type-metal complexes of N,N'-(4-amino-1-benzyl piperidine)-glyoxime	43

Kılıç A <i>see</i> İbişoğlu H		Levie R D	
Kılıç Z <i>see</i> Bilge S	125	Spectrometric mixture analysis: An unexpected wrinkle	617
Koh M <i>see</i> Chandrasekaran R	989	An improved numerical approximation for the first derivative	935
Kooli F <i>see</i> Boughzala K	339	Li Q	
Kothari S <i>see</i> Dilsha K M	283	<i>see</i> Cao Y	225
Krishnan M S <i>see</i> Kumar A	189	Li Yan	
Kuang C <i>see</i> Jiang Y	767	Disposable amperometric immunosensor based on layer-by-layer electro-depositing of the nanogold particles, prussian blue-modified indium tin oxide for determination of $\alpha$ fetoprotein	1069
Kulkarni M V <i>see</i> Basanagouda M	1035	Li Z	
Kulshreshtha S K <i>see</i> Kandasamy K	485	<i>see</i> Wang J	1077
Kumar A Quantum entanglement and teleportation using statistical correlations	293	Liang Li X	
Kumar D Generation of Serine/Threonine check points in HN(C)N Spectra	767	<i>see</i> Mei Luo	435
Kumar P S Electrochemical studies of redox probes in self-organized lyotropic liquid crystalline systems	955	Liang Wen-Bin	
Kumar R Synthesis, antimicrobial and antifungal activities of novel 1H-1,4-diazepines containing pyrazolopyrimidinone moiety	629	<i>see</i> Li Yan	1069
	497	Liang Xi-Ling	
	579	<i>see</i> Tan Li-Feng	397
Kumar S <i>see</i> Amaran S	797	Liao Dai-Zheng	
Kumara Swamy K C <i>see</i> Bhuvan Kumar N N	23	<i>see</i> Ma Shu-Lin	421
Kumaresan S <i>see</i> Indrani M	413	Lin Wen-Yuan	
Kutluay A <i>see</i> Aslanoglu M	209	<i>see</i> Sambandam S	655
Lahiri G K <i>see</i> Maity P	377	Liu G	
Lakshminarayanan V <i>see</i> Kumar P S	629	Quantitative measurement of mixtures by terahertz time-domain spectroscopy	515
Lal C <i>see</i> Ansari K F	1017	Liu Z	
Lamani R S <i>see</i> Shetty N S	301	<i>See</i> Che Y	297
Lee Gene-Hsiang <i>see</i> Acharyya R	387	Lodha S	
Letzig T <i>see</i> Gundlach L	561	<i>see</i> Jain A	1027
		Lu C	
		<i>See</i> Che Y	297
		Lv Peng-Cheng	
		<i>see</i> Qian Y	463
		Ma Dorothy-Duo-Duo	
		<i>see</i> Shao Ming-Wang	323
		Ma Shu-Lin	
		Sheet-like of Mo <sup>V</sup> -Sm <sup>III</sup> assembly containing [Mo <sup>V</sup> (CN) <sub>8</sub> ] <sup>3-</sup> and Sm <sup>3+</sup> ions as building blocks	421
		Ma S	
		<i>see</i> Liu G	515
		Ma X	
		<i>see</i> Liu G	515
		Ma Yue	
		<i>see</i> Ma Shu-Lin	421
		Madhav M V	
		A new scaling algorithm for predicting vibrational spectra of polyatomic molecules	811
		Mahapatra S	
		<i>see</i> Rao B J	789
		Maiti Biplab K	
		Oxidation of phosphine by sulfur or selenium involving a catalytic cycle in the interconversion of monomer	

and tetramer forms of copper–maleonitriledithiolate complexes	37	Nagendrappa G see Vimala B C	1011
Maity P A water soluble heteropolyoxotungstate as a selective, efficient and environment friendly oxidation catalyst	377	Nagy G see Pobelov I V	745
Maji K see Ghosh S	757	Naik A A see Sharma M	503
Mali K S The role of specific interactions on dynamical processes in a room temperature ionic liquid	7	Naik C. G see Singh K S	1041
Mallakpour S see Chehardoli G	441	Nain A K Application of the Kirkwood–Buff theory of solutions to acetonitrile + amide binary mixtures by using inversion procedure and regular solution theory	361
Mandal T K Electronic absorption spectra and nonlinear optical properties of CO <sub>2</sub> molecular aggregates: A quantum chemical study	873	Nakajima T see Chandrasekaran R	339
Mani R see Gopalakrishnan J	235	Nandhini G Partition function of nearest neighbour Ising models: Some new insights	595
Manivannan S Core–shell Au/Ag nanoparticles embedded in silicate sol–gel network for sensor application towards hydrogen peroxide	735	Nandibewoor S T see Hosamani R R	275
Manogaran S see Madhav M V	811	Nasr S see Boughzala K	283
May V see Ramakrishna S	589	Natarajan P see Easwaramoorthi S	711
Meesala R Synthesis of new heteroaryldi(diindolyl)methanes: Colorimetric detection of DNA by di(diindolylmethyl) carbazoles	183	Nazeeruddin Md K see Giribabu L	75
Mehta N Comparison between implicit and hybrid solvation methods for the determination of pK <sub>a</sub> of mono-protonated form of 13 <sup>2</sup> -(demethoxycarbonyl) pheophytin a in methanol	881	Ning W see Guo B	317
Mei Luo The synthesis of N–Zn, N–Cu complexes involving 2-amino pyridine and ethylenediamine ligands and application to the Henry reaction	435	Niu X see Sun W	217
Ming T H see Mei Luo	435	Ojani R see Raoof Jahan-Bakhsh	1083
Mishra M K see Singh R K	867	Ozhawa Y see Chandrasekaran R	339
Mohsenzadeh F see Ghaffarzadeh M	177	Panda A Pressure effect on rate of production of glucose-equivalent in plant cells	535
Mukesh D see Maity P	377	Parra R see Ramajo L	83
Munichandraiah N see Patra S	675	Parthasarathy M Imaging hydrogen oxidation activity of catalyst-coated perfluoro sulfonic acid-polymer electrolyte membranes using Scanning Electrochemical Microscopy	719
Nagababu P see Reddy K L	1053	Pati S K see Mandal T K	873
Nagarajan R see Meesala R	183	Patra S Electrochemical reduction of hydrogen peroxide on stainless steel	675
Paul A see Khara D C		Paul A see Khara D C	309
Pazzona F G A comparative molecular dynamics study of diffusion of <i>n</i> -decane and 3-methyl pentane in Y zeolite		Pazzona F G A comparative molecular dynamics study of diffusion of <i>n</i> -decane and 3-methyl pentane in Y zeolite	921

Peng Shie-Ming		Ramanathan G	
<i>see Acharyya R</i>	387	<i>see Rajbongshi B K</i>	973
Perumal Paramasivan T		Ramani V	
<i>see Damodiran M</i>	65	<i>see Sambandam S</i>	655
Pillai V K		Ramaraj R	
<i>see Parthasarathy M</i>	719	<i>see Manivannan S</i>	735
Pitchumani S		Ramasesha S	
<i>see Choudhury N A</i>	647	Computing magnetic anisotropy constants of single molecule magnets	823
Pobelov I V		Ramasubramanian R	
Structure transitions between copper-sulphate and copper-chloride UPD phases on Au(111)	745	<i>see Indrani M</i>	413
Potzger K		Rane G K	
<i>see Sürgers C</i>	173	<i>see Srinivasan B R</i>	145
Pradhan T		Rao B J	
Excited state intramolecular charge transfer reaction in 4-(1-azetidinyl)benzonitrile: Solvent isotope effects	95	Nonadiabatic quantum wave packet dynamics of the H + H <sub>2</sub> reaction including the coriolis coupling	789
Pranesha		Raoof Jahan-Bakhsh	
<i>see Basanagouda M</i>	485	Voltammetric sensor for D-penicillamine determination based on its electrocatalytic oxidation at the surface of ferrocenes modified carbon paste electrodes	1083
Prasad M D		Rasal V P	
<i>see Roy T K</i>	805	<i>see Basanagouda M</i>	485
Prashant S K		Ratana T	
<i>see Choudhury N A</i>	647	<i>see Katikawong P</i>	329
Punjabi P B		Ray D S	
<i>see Jain A</i>	1027	<i>see Sen S</i>	905
Qian Y		Reboredo M	
Synthesis, antimicrobial activity of lamotrigine and its ammonium derivatives	463	<i>see Ramajo L</i>	83
Quaino P		Reddy A P	
<i>see Santos E</i>	575	<i>see Reddy K L</i>	1053
Raghunathan P		Reddy K L	
<i>see Sharma M</i>	503	Kinetics and equilibria for the axial ligation of bromomethyl(aqua)cobaloxime with pyridines-Isolation, characterization and DNA binding	1053
Raghunathan R		Reddy N R K	
<i>see Ramasesha S</i>	823	<i>see Reddy K L</i>	1053
Rai M		Rekha K B	
<i>see Sidhu A</i>	449	<i>see Fathima N N</i>	509
Raj V		Ren Shi	
Guest–host interactions in the alkaline bleaching of triphenylmethane dyes catalysed by $\beta$ cyclodextrin	529	<i>see Ma Shu-Lin</i>	421
Rajasekaran K		Riaz S S	
<i>see Sami P</i>	155	<i>see Sen S</i>	905
<i>see Raj V</i>	529	Roche J	
Rajbongshi B K		<i>see Charrier C</i>	471
Dominant $\pi \dots \pi$ interaction in the self assemblies of 4-benzylidene imidazolin-5-one analogues	973	Rodrigues C	
Rajeshwar K		<i>see Singh K S</i>	1041
<i>see Sambandam S</i>	655	Rong Li Q	
Ramalo L		<i>see Mei Luo</i>	435
Preparation of amine coated silver nanoparticles using Triethylenetetramine	83	Roy D K	
Ramakrishna S		Signatures of molecular recognition from the topography of electrostatic potential	815
Theory of coherent molecule to surface electron injection: An analytical model	589	Roy S	
		<i>see Basavaiah D</i>	1003
		Roy T K	
		Effective Harmonic oscillator description of anharmonic molecular vibrations	805

Safari J		
One-pot synthesis of quinaldine derivatives by using microwave irradiation without any solvent – A green chemistry approach	481	
Safran S		
<i>see</i> Bilge S	989	
Sahoo S		
<i>see</i> Ramasesha S	823	
Saidi K		
<i>see</i> Khabazzadeh H	429	
Saikia B K		
A X-ray diffraction analysis on graphene layers of Assam coal	103	
Sajna K V		
<i>see</i> Bhuvan Kumar N N	23	
Salem E Ben		
<i>see</i> Boughzala K	283	
Samanta A		
<i>see</i> Khara D C	309	
Work distribution for a particle moving in an optical trap and non-Markovian bath	897	
Sambandam S		
Platinum-carbon black-titanium dioxide nanocomposite electrocatalysts for fuel cell applications	655	
Sami P		
Studies on electron transfer reactions of Keggin-type mixed addenda heteropolytungstovanadophosphates with NADH	155	
Samiei S S		
<i>see</i> Safari J	481	
Sampath S		
Hydrogel membrane electrolyte for electrochemical capacitors	727	
Sandhyarani P		
<i>see</i> Basanagouda M	485	
Sangaranarayanan M V		
<i>see</i> Nandhini G	595	
Santhosh K		
<i>see</i> Khara D C	309	
Santos E		
Some properties of electrochemical nanostructures	575	
Sarathi A		
<i>see</i> Raj V	529	
Sarkar Sabyasachi		
<i>see</i> Maiti Biplab K	37	
Sathyamurthy N		
<i>see</i> Elango M	839	
Satish Kumar N		
<i>see</i> Bhuvan Kumar N N	23	
Satyanarayana S		
<i>see</i> Reddy K L	1053	
Schmickler W		
<i>see</i> Santos E	575	
Sebastian K L		
<i>see</i> Swathi R S	777	
Seideman T		
<i>see</i> Ramakrishna S	589	
Sen D		
<i>see</i> Ramasesha S	823	
Sen S		
Growth and decay of large fluctuations far from equilibrium	905	
Senthil Kumar R		
<i>see</i> Damodiran M	65	
Seyed N		
<i>see</i> Khabazzadeh H	429	
Shao Ming-Wang		
Surface functionalization of HF-treated silicon nanowires	323	
Sharma D		
<i>see</i> Basanagouda M	485	
Sharma J R		
<i>see</i> Sidhu A	449	
Sharma Lalit Kumar		
<i>see</i> Dinesh Kumar	57	
Sharma M		
Azido-m-meconine-'high ortho' Novolak resin-based negative photoresists for deep UV lithography	503	
Sharma P		
<i>see</i> Das S	965	
Sharma R		
<i>see</i> Ghosh S	757	
Sharma V K		
<i>see</i> Jain A	1027	
Shen H		
<i>see</i> Guo B	317	
Shen Jian-Liang		
<i>see</i> Tan Li-Feng	397	
Shetty N S		
Synthesis and antimicrobial activity of some novel thienopyrimidines and triazolothienopyrimidines	301	
Shi L		
<i>see</i> Qian Y	463	
Shu K		
<i>see</i> Guo B	317	
Shukla A K		
<i>see</i> Choudhury N A	647	
<i>see</i> Sampath S	727	
Sidhu A		
Chemoselective reaction of cyanoacetic acid with benzal-4-acetyl anilines and fungitoxicity of products	449	
Sindal R S		
<i>see</i> Gupta A K	347	
Singh H B		
<i>see</i> Kandasamy K	293	
Singh K S		
Structural studies and antimicrobial properties of norcembrane diterpenoid from an Indian soft coral <i>Sinularia inelegans</i> Tixier-Durivault	1041	

Singh R K		Tanrıverdi E	
Electronic structure analysis and vertical ionization energies of thiophene and ethynylthiophenes	867	<i>see</i> İbişoğlu H	125
Sivakumar P M		Tas Esref	
<i>see</i> Damodiran M	65	<i>see</i> Kılıç Ahmet	43
Soldano G		Taş M	
<i>see</i> Santos E	575	Synthesis and structural characterization of a novel peroxy bridged dinuclear cobalt(III) complex of succinimide showing three varieties of hydrogen bonding interactions	267
Song Zhong-Cheng		Trasatti S	
<i>see</i> Qian Y	463	<i>see</i> Guerrini E	639
Sotiropoulos S		Tyagi O S	
<i>see</i> Wallgren K	703	<i>see</i> Choudhary R B	353
Sreedhar B		Ün İ	
<i>see</i> Easwaramoorthi S	711	<i>see</i> İbişoğlu H	125
Sridhar P		Upadhyā S	
<i>see</i> Choudhury N A	647	<i>see</i> Joseph Sumy	685
Srinivasan B R		Upadhyay S K	
Synthesis, properties and supramolecular structure of di(aqua) <i>bis</i> (ethylenediamine)nickel(II) <i>bis</i> (4-nitrobenzoate)	145	Solution structure of loperamide and $\beta$ -cyclodextrin inclusion complexes using NMR spectroscopy	521
Srinivasu K		Upadhyayula S	
<i>see</i> Samanta A	897	Alkylation of toluene with isopropyl alcohol over SAPO-5 catalyst	199
Subramanian V		Valluri V	
<i>see</i> Elango M	839	<i>see</i> Sambandam S	655
Sudha R		Varatharajan S	
<i>see</i> Raj V	529	Tailoring self-assembled monolayers at the electrochemical interface	665
Suffritti G B		Vasanthacharya N Y	
<i>see</i> Pazzona F G	921	<i>see</i> Indrani M	413
Sun W		Vatsa R. K	
Linear sweep voltammetric studies on the supramolecular complex of alizarin red S with lysozyme and determination of lysozyme	217	<i>see</i> Das S	965
Supriya S		Veerasai W	
Simple inorganic complexes but intricate hydrogen bonding networks: Synthesis and crystal structures of $[M^{II}(opda)_2(NO_3)_2]$ ( $M = Zn$ and $Cd$ ; opda = orthophenylenediamine)	137	<i>see</i> Katikawong P	329
Sur P		Venuvanalingam P	
<i>n</i> th-Nearest neighbour distribution functions of a binary fluid mixture	929	<i>see</i> Akilandeswari L	859
Sürgers C		Vijay Kumar Ch	
Magnetism of carbon doped $Mn_5Si_3$ and $Mn_5Ge_3$ films	173	<i>see</i> Giribabu L	75
Swathi R S		Vimala B C	
Distance dependence of fluorescence resonance energy transfer	777	Conversion of $\alpha,\alpha'$ -dichlorodiazene dioxides using levulinic acid under solvent-free conditions to $\alpha$ -chloroketones through a three-step domino process	1011
Syamal A		Wallgren K	
<i>see</i> Dinesh Kumar	57	A Nafion®-based co-planar electrode amperometric sensor for methanol determination in the gas phase	703
Tabar-Heydar K		Wampler W A	
<i>see</i> Ghaffarzadeh M	177	<i>see</i> Sambandam S	655
Tacconi N R De		Wandlowski T	
<i>see</i> Sambandam S	655	<i>see</i> Pobelov I V	745
Tan Li-Feng		Wang W	
Synthesis, DNA-binding and photocleavage studies of Ru(II) complexes of phenyl-(4,5,9,14-tetraaza-benzo[b]triphenyl-en-1,1-yl)-methanone	397	<i>see</i> Liu G	515
		Wang D X	
		<i>see</i> Wu G H	543

Wang H		Yum Jun-Ho	
<i>see</i> Shao Ming-Wang	323	<i>see</i> Giribabu L	75
Wang J		Zahran M A H	
Synthesis of chrysalis-like CuO nanocrystals and their catalytic activity in the thermal decomposition of ammonium perchlorate	1077	Synthesis and cellular cytotoxicities of new N-substituted indole-3-carbaldehyde and their indolylchalcones	455
Wang Y	217	Zeng Y	
<i>see</i> Sun W		<i>see</i> Guo B	317
Wang Z Q	543	Zhang Hailiang	
<i>see</i> Wu G H		<i>see</i> He Yan	407
Willig F		Zhang M	
<i>see</i> Gundlach L	561	<i>see</i> Wang J	1077
<i>see</i> Ramakrishna S	589	Zhang Z	
Wu Da Yu		<i>see</i> Liu G	515
<i>see</i> Wu G H	543	Zhao Bang-Tun	
Wu G H		Crystal structures of two thiocalix[4]arene derivatives anchoring four thiadiazole groups	1047
Highly sensitive optical chemosensor for the detection of Cu <sup>2+</sup> using a rhodamine B spirolatam	543	Zhao H	
Xu W H	89	<i>see</i> Liu G	515
<i>see</i> Yao Cheng-Li		Zhao N A	
Yan Zhen-Ning		<i>see</i> Sun W	217
<i>see</i> Zhao Bang-Tun	1047	Zhao Y	
Yang H		<i>see</i> Cao Y	225
<i>see</i> Che Y	297	Zheng Jun-Song	
Yang X		<i>see</i> Li Yan	1069
<i>see</i> Chen Z	1061	Zhong Chaofan	
Yao Cheng-Li		<i>see</i> He Yan	407
Sucrose/bovine serum albumin mediated biomimetic crystallization of calcium carbonate	89	Zhong Y S	
Yashonath S		<i>see</i> Mei Luo	435
<i>see</i> Pazzona F G	921	Zhou Yu	
Yegnaraman V		<i>see</i> He Yan	407
<i>see</i> Varatharajan S	665	Zhou Z	
Yella Reddy P		<i>see</i> Zhao Bang-Tun	1047
<i>see</i> Giribabu L	75	Zhu Hai-Liang	
Yilmaz Ismail		<i>see</i> Qian Y	463
<i>see</i> Kilic Ahmet	43	Zhu Jin-Mao	
		<i>see</i> Yao Cheng-Li	89
		Zolfigol M Ali	
		<i>see</i> Chehardoli G	441