

AUTHOR INDEX

- Abul Haider Shipar Md.
see Jalbout A F 329
- Adhikari Aniruddha
see Mandal Ujjwal 15
- Adib A M
Synthesis and antimicrobial activity of 4',5,7-tri-hydroxy-3'-prenylflavanone 469
- Agarwal N
Synthesis, photoluminescence and electrochemical properties of 2,7-diarylfuorene derivatives 355
- Ahmad F
see Adib A M 469
- Ahmad T
see Ganguly A 521
- Ali A
Influence of alkali and alkaline earth ions on the *O*-alkylation of the lower rim phenolic-OH groups of *p*-*tert*-butyl-calix[4]arene to result in amide-pendants: Template action of K⁺ and the structure of K⁺ bound tetra-amide derivative crystallized with a *p*-*tert*-butyl-calix[4]arene anion 237
- Anand G
see Gunasekaran S 315
- Arumuganathan T
Two different zinc(II)-aqua complexes held up by a metal-oxide based support: Synthesis, crystal structure and catalytic activity of [HMTAH]₂{Zn(H₂O)₅}{Zn(H₂O)₄}{Mo₇O₂₄}.2H₂O (HMTAH = protonated hexamethylenetetramine) 95
Non-covalent O...O interactions among isopolyanions using a *cis*-{MoO₂} moiety by the assistance of N-H...O hydrogen bonds 297
- Arunbalaji R
see Gunasekaran S 315
- Asmafiliz N
Phosphorus-nitrogen compounds: Part 15. Synthesis, anisochronism and the relationship between crystallographic and spectral data of monotopic *spiro*-crypta phosphazenes 363
- Balaram H
see Datta K K R 579
- Bandgar B P
Synthesis and characterization of new *meso*-substituted unsymmetrical metalloporphyrins 259
- Bandyopadhyaya R
see Kulkarni M M 637
- Bangal P R
see Perepogu A K 485
- Barman T R
Coordination equilibria in the complex formation of guanylurea with Cu^{II}: Formation and stability of binary Cu^{II}-guanylurea and ternary Cu^{II}-guanylurea-glycinate complexes 377
- Bhat S
Facially amphiphilic thiol capped gold and silver nanoparticles 507
- Bhatt P A
Analysis of urinary stone constituents using powder X-ray diffraction and FT-IR 267
- Bhattacharya S
see Halder S 441
- Bhattacharyya I
Oximate bridged Rh^{III}₂M^{II} and Rh^{III}M^I species (M^{II} = Mn, Co, Ni; M^I = Cu, Ag) 87
- Bhattacharyya Kankan
see Mandal Ujjwal 15
- Biswas R
see Pradhan T 275
- Chakraborty D
see Nag A 71
- Chakravorty A
see Bhattacharyya I 87
- Chandra Sekhar Rout
see Vivekchand S R C 9
- Chandra A
see Nag A 71
- Chandrakala T
see Raj V 325
- Chandrakumar N
see Vimalan V 57
- Chandrasekaran S
see Ramesh R 163
- Chandrasekhar V
Multi-functional architectures supported on organostannoxane scaffolds 105
- Chandrashekar T K
see Gokulnath S 137
- Chattaraj P K
Quantum-classical correspondence of a field induced KAM-type transition: A QTM approach 33
- Chattopadhyay A
see Das S 547
- Chen Min
see Zhao Q 391
Microwave-assisted efficient oxidation of internal alkynes to 1,2-diaryldiketones with DMSO/I₂ 347

- Chen S H
Preparation and characterization of a novel benzimidazolium Brønsted acidic ionic liquid and its application in esterifications 481
- Choudhury J
see Roy S 429
- Das D
see Ganguly A 521
- Das Dibyendu Kumar
see Mandal Ujjwal 15
- Das P P
see Mahalakshmi Lepakshaiah 39
- Das S
p-Aminoacetanilide mediated formation of assembly of Au nanoparticles 547
- Das S K
see Arumuganathan T 95, 297
- Datta A
see Thomas R 613
see Mallajosyula S S 627
- Datta K K R
Synthesis of agarose–metal/semiconductor nanoparticles having superior bacteriocidal activity and their simple conversion to metal-carbon composites 579
- De G
see Medda S K 565
- Dey Shantanu
see Mandal Ujjwal 15
- Drew M G B
see Halder S 441
- Elham Sayed Darwish
see Ibrahim Saad Abdel Hafiz 339
- Eswaramoorthy M
see Naskar M K 181
see Datta K K R 579
- Fa-Qiang Li
see Shi-You Li 289
- Fivian Farok Mahmoud
see Ibrahim Saad Abdel Hafiz 339
- Ganguli A K
see Ganguly A 521
- Ganguly A
Role of carboxylate ion and metal oxidation state on the morphology and magnetic properties of nanostructured metal carboxylates and their decomposition products 521
- Ganguly S
see Bhattacharyya I 87
- Ghosh Anupama
Three-dimensional hybrid networks based on aspartic acid 217
- Ghosh H N
see Mondal J A 45
- Ghosh Subhadip
see Mandal Ujjwal 15
- Ghoshal P
see Pradhan T 275
- Ghoshal S
Tris(dithiocarboxylato)indium(III): Thermal studies and crystal structure of [In(S₂Ctol)₃] 305
- Giri S
see Chattaraj P K 33
- Giribabu L
Functionalized zinc porphyrin as light harvester in dye sensitized solar cells 455
- Gokhale S
see Kakade B 599
- Gokulnath S
Expanded porphyrins as third order non-linear optical materials: Some structure–function correlations 137
- Govindaraj A
see Vivekchand S R C 9
see Panchakarla L S 607
- Guionneau P
see Ali A 237
- Gujarathi P B
see Bandgar B P 259
- Gunasekaran S
Density functional theory study of vibrational spectra, and assignment of fundamental modes of dacarbazine 315
- Gupta S
see Ramesh R 163
see Sapre N S 395
- Guru Row T N
see Mahalakshmi Lepakshaiah 39
- Halder S
Palladium and platinum complexes of 2-(2'-carboxyphenylazo)-4-methylphenol: Synthesis, structure and spectral properties 441
- Hökelek T
see Asmafiliz N 363
- Huang Guo-Sheng
see Chen Min 347
see Zhao Q 391
- Hubert Joe I
see Sajan D 405
- Hui Hao-Hao
see Chen Min 347
see Zhao Q 391
- Ibrahim Saad Abdel Hafiz
β-Enaminonitriles in heterocyclic synthesis: Synthesis of new tetrahydropyridinethione, pyridopyrimidines, pyridotriazines and dihydropyridines 339

- Idris M S
see Adib A M 469
- Ilter E E
see Asmafiliz N 363
- Imam M
 Competition between elastic and chemical effects in the intermixing of Co and Ag on Rh(111) 621
- Jacob W
 Two-dimensional supramolecular networks via C–H...Cl and N–H...Cl interactions utilizing bidentate neutral pyridine amide coordinated Mn^{II}Cl₂ tectons 447
- Jain V K
see Ghoshal S 305
- Jalbout A F
 The ribose and glycine Maillard reaction in the interstellar medium (ISM): A theoretical study 329
- Jayakumar V S
see Sajan D 405
- Jayaram P N
 Effect of thione–thiol tautomerism on the inhibition of lactoperoxidase by anti-thyroid drugs and their analogues 143
- Jayaraman N
see Murthy B N 195
- Jiang W
 Hydrolytic cleavage of *bis*(*p*-nitrophenyl) phosphate by Schiff base Mn^{III} complexes containing morpholine pendants in Gemini 16–6–16 micelles 411
- Kakade B
 Near-complete phase transfer of single-wall carbon nanotubes by covalent functionalization 599
- Kaliappan K P
 Synthetic studies on taxanes: A domino–enyne meta-thesis/Diels–Alder approach to the AB-ring 205
- Kannan K R
see Thomas J 529
- Kasture M B
 Synthesis of silver nanoparticles by sophorolipids: Effect of temperature and sophorolipid structure on the size of particles 515
- Kavita De
see Ramesh R 163
- Khanuja M
 Two approaches for enhancing the hydrogenation properties of palladium: Metal nanoparticle and thin film over layers 573
- Kılıç Z
see Asmafiliz N 363
- Kokare N D
see Sangshetti J N 463
- Kotharkara S A
see Sangshetti J N 463
- Krishna Prasad K
 Facilitation of peptide fibre formation by arginine-phosphate/carboxylate interactions 155
- Krishnan V
see Vaijayanthimala G 115
- Kulkarni A A
see Kasture M B 515
- Kulkarni M M
 Surfactant controlled switching of water-in-oil wetting behaviour of porous silica films grown at oil–water interfaces 637
- Kulkarni G U
see Thomas R 613
- Kumaresan S
see Gunasekaran S 315
- Kundu R
see Ganguly A 521
- Kuppuswamy S
see Murugavel R 131
- Kushwah N P
see Ghoshal S 305
- Li J
see Jiang W 411
- Liu B
 A study of nanostructured gold modified glassy carbon electrode for the determination of trace Cr(VI) 493
- Liu F
see Jiang W 411
- Lofland S E
see Ganguly A 521
- Lu Liyuan
 Microdetermination of human serum albumin by differential pulse voltammetry at a L-cysteine modified silver electrode 419
see Liu B 493
- Madhu C
 Magnetocaloric effect across the coupled structural and ferromagnetic transition in Pr_{0.1}Ce_{0.4}Sr_{0.5}MnO₃ 595
- Mahalakshmi Lepakshaiah
 Self assembly of *C*-methyl resorcin[4]arene with coumarin and thiocoumarin: A nanotubular array with a near perfect lock and key fit 39
- Mahmoud Mohamed Mahfouz Ramiz
see Ibrahim Saad Abdel Hafiz 339
- Maitra U
see Bhat S 507
- Mallajosyula S S
 Molecular modelling of a chemodosimeter for the selective detection of As(III) ion in water 627
- Mandal S K
see Vaijayanthimala G 115

- Mandal Ujjwal
Ultrafast fluorescence resonance energy transfer in a bile salt aggregate: Excitation wavelength dependence 15
- Marathe M
see Imam M 621
- Marchewka M K
see Thomas R 613
- Medda S K
Tuning of Ag-SPR band position in refractive index controlled inorganic-organic hybrid SiO₂-PEO-TiO₂ films 565
- Mehta B R
see Khanuja M 573
- Mitra M
see Medda S K 565
- Mondal J A
Relaxation dynamics in the excited states of a ketocyanine dye probed by femtosecond transient absorption spectroscopy 45
- Mugesh G
see Jayaram P N 143
- Mukherjee G N
see Barman T R 377
- Mukherjee R
see Jacob W 447
- Mukhopadhyay R
see Rajeev Kumar V R 537
- Murthy B N
A kinetic analysis of the tumor-associated galactopyranosyl-(1→3)-2-acetamido-2-deoxy- α -D-galactopyranoside antigen-lectin interaction 195
- Murugadoss A
see Das S 547
- Murugavel R
Facile one-pot synthesis of functionalized organophosphonate esters via ketone insertion into bulky arylphosphites 131
- Nag A
Effects of ion concentration on the hydrogen bonded structure of water in the vicinity of ions in aqueous NaCl solutions 71
- Narasimhan S
see Imam M 621
- Naskar M K
Significant improvement in the pore properties of SBA-15 brought about by carboxylic acids and hydrothermal treatment 181
- Nayak P K
see Agarwal N 355
- Nethaji M
see Ghoshal S 305
- Niu Hong-Yu
see Wang Jing-Ping 309
- Niu Jing-Yang
see Wang Jing-Ping 309
- Pal M K
see Ghoshal S 305
- Pal S
see Thomas R 613
- Palit D K
see Mondal J A 45
- Panchakarla L S
Covalent and non-covalent functionalization and solubilization of double-walled carbon nanotubes in nonpolar and aqueous media 607
- Panda B K
see Bhattacharyya I 87
- Patel P
see Kasture M B 515
- Pati S K
see Thomas R 613
see Mallajosyula S S 627
- Patil S
see Kakade B 599
- Patra Amitava
see Sadhu Suparna 557
- Paul P
see Bhatt P A 267
- Pei-Hua Ma
see Shi-You Li 289
- Perepogu A K
Preparation and characterization of free-standing pure porphyrin nanoparticles 485
- Periasamy M
see Vairaprakash P 175
- Periasamy N
see Agarwal N 355
- Pillai V
see Kakade B 599
- Podder S
see Roy S 429
- Prabhune A A
see Kasture M B 515
- Pradeep T
see Sajanlal P R 79
see Rajeev Kumar V R 537
- Pradhan T
Structural transition in alcohol-water binary mixtures: A spectroscopic study 275
- Prasad B L V
see Kasture M B 515
- Pujari S A
see Kaliappan K P 205
- Qi-Du Ren
see Shi-You Li 289
- Raghavaiah P
see Srinivasan B R 249
- Raghavender M
see Giribabu L 455

- Raj V
Guest–host interactions in the cleavage of phenyl-phenyl acetates by β -cyclodextrin in alkaline medium 325
- Rajasekaran K
see Raj V 325
Micellar catalysis in the retro-Knoevenagel reaction of ethyl- α -cyanocinnamates 475
- Rajeev Kumar V R
Removal of phase transfer agent leads to restricted dynamics of alkyl chains in monolayer protected clusters 537
- Rajkumar T
Investigation of hybrid molecular material prepared by ionic liquid and polyoxometalate anion 587
- Ramakrishnan S
see Ramkumar S G 187
- Ramalakshmi S
see Rajasekaran K 475
- Ramana C V
see Kasture M B 515
- Ramanan A
see Thomas J 529
- Ramanujachary K V
see Ganguly A 521
- Ramesh R
Propargyloxycarbonyl as a protecting group for the side chains of serine, threonine and tyrosine 163
- Ramkumar S G
Understanding the folding process of synthetic polymers by small-molecule folding agents 187
- Ramya R
Analysis of polypyrrole-coated stainless steel electrodes – Estimation of specific capacitances and construction of equivalent circuits 25
- Ranga Rao G
see Rajkumar T 587
- Rao C N R
see Vivekchand S R C 9
- Rao C P
see Ali A 237
- Ratajczak H
see Thomas R 613
- Ravikumar V
see Kaliappan K P 205
- Roy G
see Jayaram P N 143
- Roy S
Ir/Sn dual-reagent catalysis towards highly selective alkylation of arenes and heteroarenes with benzyl alcohols 429
- Sadhu Suparna
Synthesis and spectroscopic study of high quality alloy $\text{Cd}_x\text{Zn}_{1-x}$ nanocrystals 557
- Şahin E
see Asmafiliz N 363
- Sajan D
Surface enhanced Raman spectra of the organic non-linear optic material: Methyl 3-(4-methoxy phenyl) prop-2-enoate 405
- Sajanlal P R
Growth of anisotropic gold nanostructures on conducting glass surfaces 79
- Sangaranarayanan M V
see Ramya R 25
- Sangshetti J N
Ceric ammonium nitrate catalysed three component one-pot efficient synthesis of 2,4,5-triaryl-1H-imidazoles 463
- Sanguramath R A
see Ghosh Anupama 217
- Sapre N S
Assessing ligand efficiencies using template-based molecular docking and Tabu-clustering on tetrahydroimidazo-[4,5,1-jk][1,4]-benzodiazepin-2(1H)-one and -thione (TIBO) derivatives as HIV-1RT inhibitors 395
- Sapre N
see Sapre N S 395
- Sarathi A
see Rajasekaran K 475
- Sarkar S
see Das S 547
- Sasikumar P
see Chandrasekhar V 105
- Sathe B
see Kakade B 599
- Senapati T
see Chandrasekhar V 105
- Sengupta S
see Chattaraj P K 33
- Senthilnathan D
see Tamilmani V 225
- Sharma A
see Kulkarni M M 637
- She De-Bing
see Chen Min 347
see Zhao Q 391
- Shetgaonkar S Y
see Srinivasan B R 249
- Shinde D B
see Sangshetti J N 463
- Shivaprasad S M
see Khanuja M 573
- Shi-You Li
Studies on the thermal decomposition kinetics of LiPF_6 and LiBC_4O_8 289
- Singh P
see Chandrasekhar V 105
- Somaiah K
see Giribabu L 455

- Srinivasa Rao A
see Arumuganathan T 297
- Srinivasan B R
 A one-dimensional barium(II) coordination polymer with a coordinated nitro group of 2-nitrobenzoate 249
- Srinivasan B
see Datta K K R 579
- Srinivasan S
see Gunasekaran S 315
- Srinivasarao A
see Arumuganathan T 95
- Subrahmanyam K S
see Vivekchand S R C 9
- Sundaresan A
see Madhu C 595
- Tamilmani V
 Regio and stereoselectivity in ionic cycloadditions 225
- Thirumoorthi R
see Chandrasekhar V 105
- Thomas J
 Nanostructured phosphomolybdates 529
- Thomas R
 Charge density analysis of two proton transfer complexes: Understanding hydrogen bonding and determination of in-crystal dipole moments 613
- Usha H
see Mallajosyula S S 627
- Vaijayanthimala G
 Cyclic porphyrin dimers as hosts for coordinating ligands 115
- Vairaprakash P
 Efficient resolution of (\pm)-*trans*-2,3-diphenylpiperazine using (1*S*)-(+)-10-camphorsulfonic acid and enrichment of enantiomeric purity of non-racemic 2,3-diphenylpiperazine using different achiral acids 175
- Vasanthacharya N Y
see Ganguly A 521
- Venkateswara Rao P
see Giribabu L 455
- Venuvanalingam P
see Tamilmani V 225
- Verma S
see Mondal J A 45
see Krishna Prasad K 155
- Vijay Kumar Ch
see Giribabu L 455
- Vijay Kumar T
see Arumuganathan T 95
- Vimalan V
 General approaches in ensemble quantum computing 57
- Vivekchand S R C
 Graphene-based electrochemical supercapacitors 9
- Wang Jing-Ping
 Preparation, crystal structure, and characterization of an inorganic-organic hybrid polyoxoniobate [Cu(en)₂]₃[Cu(en)₂(H₂O)]_{1.5}[K_{0.5}Nb₂₄O₇₂H_{14.5}]₂·2.5H₂O 309
- Wang M
see Liu B 493
- Wang Hongling
see Lu Liyuan 419
- Xiao-Ling Cui
see Shi-You Li 289
- Xu B
see Jiang W 411
- Xu X W
see Chen S H 481
- Yang M Y
see Zhao Q 391
- Yang Ming-Yu
see Chen Min 347
- Yella Reddy P
see Giribabu L 455
- Zaleski J
see Sajan D 405
- Zhao Q
 High stereoselective cyclopropanation reaction of 3-acylcoumarins with α -bromoketones at room temperature 391
see Chen S H 481
- Zhao Qin
see Chen Min 347
- Zhong J
see Jiang W 411
- Zi Yanqin
see Lu Liyuan 419
- Zi Y
see Liu B 493