

Eringathodi suresh

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

380
papers

12,365
citations

58
h-index

89
g-index

466
ext. papers

13,460
ext. citations

4
avg, IF

6.67
L-index

| # | Paper | IF | Citations |
|-----|---|-----|-----------|
| 380 | Spectral, thermal and DFT studies of novel nickel(II) complexes of 2-benzoylpyridine-N4-methyl-3-thiosemicarbazone: Crystal structure of a square planar azido-nickel(II) complex. <i>Journal of Molecular Structure</i> , 2022 , 1253, 132257 | 3.4 | 1 |
| 379 | Regioselective Ring-Opening of Spiro-Epoxyoxindoles by a Dual-Ligand Zinc-Based Metal-Organic Framework as an Efficient Heterogeneous Catalyst. <i>ACS Applied Nano Materials</i> , 2022 , 5, 3712-3721 | 5.6 | 3 |
| 378 | AlCl ₃ -Catalyzed Synthesis of Triazolo[5,1-b]thiazines. <i>ChemistrySelect</i> , 2021 , 6, 10258-10262 | 1.8 | 2 |
| 377 | Diversities in the chelation of aroylhydrazones towards cobalt(II) salts: Synthesis, spectral characterization, crystal structure and some theoretical studies. <i>Journal of Molecular Structure</i> , 2021 , 1232, 129978 | 3.4 | 7 |
| 376 | Zn(II)/Cd(II)-Based Metal-Organic Frameworks as Bifunctional Materials for Dye Scavenging and Catalysis of Fructose/Glucose to 5-Hydroxymethylfurfural. <i>Inorganic Chemistry</i> , 2021 , 60, 9181-9191 | 5.1 | 10 |
| 375 | BF ₃ ·OEt ₂ Catalyzed Synthesis of 1,3-Thiazines/-Selenazines. <i>Asian Journal of Organic Chemistry</i> , 2021 , 10, 170-175 | 3 | 3 |
| 374 | Base-enabled access to diastereoselective spirofuran oxindoles and β -functionalized allenolates. <i>Chemical Communications</i> , 2021 , 57, 1746-1749 | 5.8 | 0 |
| 373 | Catalyst-free synthesis of 3,1-benzoxathiin-4-ones/1,3-benzodioxin-4-ones. <i>Organic and Biomolecular Chemistry</i> , 2021 , 19, 1508-1513 | 3.9 | 3 |
| 372 | Recent advances in metal-organic frameworks as adsorbent materials for hazardous dye molecules. <i>Dalton Transactions</i> , 2021 , 50, 3083-3108 | 4.3 | 35 |
| 371 | μ -Oxo-bridged diiron(III) complexes of tripodal 4N ligands as catalysts for alkane hydroxylation reaction using -CPBA as an oxidant: substrate self hydroxylation.. <i>RSC Advances</i> , 2021 , 11, 21514-21526 | 3.7 | 2 |
| 370 | Synergy of Dual Functional Sites for Conversion of CO ₂ in a Cycloaddition Reaction under Solvent-Free Conditions by a Zn(II)-Based Coordination Network with a Ladder Motif. <i>Crystal Growth and Design</i> , 2021 , 21, 1833-1842 | 3.5 | 11 |
| 369 | C-H Amidation and Amination of Arenes and Heteroarenes with Amide and Amine using Cu-MnO as a Reusable Catalyst under Mild Conditions. <i>Journal of Organic Chemistry</i> , 2021 , 86, 3261-3275 | 4.2 | 6 |
| 368 | Synthesis, crystallographic structure and hirshfeld surface analysis of nickel(II) chelate derived from O,N,S-donor tridentate thiosemicarbazone. <i>Chemical Data Collections</i> , 2021 , 35, 100758 | 2.1 | 1 |
| 367 | The synthesis and characterization of Zn(II)/Cd(II) based MOFs by a mixed ligand strategy: a Zn(II) MOF as a dual functional material for reversible dye adsorption and as a heterogeneous catalyst for the Biginelli reaction. <i>Materials Chemistry Frontiers</i> , 2021 , 5, 304-314 | 7.8 | 23 |
| 366 | Using Homo-enolate Annulated Products for Synthesis of Indole Embedded Derivatives. <i>Asian Journal of Chemistry</i> , 2021 , 33, 319-324 | 0.4 | |
| 365 | Ring-opening hydrolysis of spiro-epoxyoxindoles using a reusable sulfonic acid functionalized nitrogen rich carbon catalyst.. <i>RSC Advances</i> , 2021 , 11, 12808-12814 | 3.7 | 1 |
| 364 | Controlled assembly of cobalt embedded N-doped graphene nanosheets (Co@NGr) by pyrolysis of a mixed ligand Co(II) MOF as a sacrificial template for high-performance electrocatalysts.. <i>RSC Advances</i> , 2021 , 11, 21179-21188 | 3.7 | 0 |

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| 363 | Self-Assembled Melaminium Adipate Lamellae for Adsorptive Removal of Anionic Dyes from Wastewater. <i>ACS Applied Polymer Materials</i> , 2021 , 3, 651-660 | 4.3 | 3 |
| 362 | Crystalline Free-Standing Two-Dimensional Zwitterionic Organic Nanosheets for Efficient Conduction of Lithium Ions. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 58122-58131 | 9.5 | 3 |
| 361 | Catalytic Conversion of Carbon Dioxide Using Binuclear Double-Stranded Helicates: Cyclic Carbonate from Epoxides and Diol. <i>ACS Omega</i> , 2020 , 5, 14890-14899 | 3.9 | 5 |
| 360 | Co@N-doped carbon nanomaterial derived by simple pyrolysis of mixed-ligand MOF as an active and stable oxygen evolution electrocatalyst. <i>Applied Surface Science</i> , 2020 , 529, 147081 | 6.7 | 18 |
| 359 | Facile Green Synthesis of New Copper-Based Metal-Organic Frameworks: Experimental and Theoretical Study of the CO ₂ Fixation Reaction. <i>ACS Sustainable Chemistry and Engineering</i> , 2020 , | 8.3 | 14 |
| 358 | Catalytic Direct α -Amination of Arylacetic Acid Synthons with Anilines. <i>Journal of Organic Chemistry</i> , 2020 , 85, 13363-13374 | 4.2 | 5 |
| 357 | Colorimetric dual sensor for Cu(II) and tyrosine and its application as paper strips for detection in water and human saliva as real samples. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2020 , 230, 118052 | 4.4 | 14 |
| 356 | Zn(II)/Cd(II) based mixed ligand coordination polymers as fluorosensors for aqueous phase detection of hazardous pollutants. <i>Inorganic Chemistry Frontiers</i> , 2020 , 7, 1082-1107 | 6.8 | 78 |
| 355 | CO ₂ fixation by cycloaddition of mono/disubstituted epoxides using acyl amide decorated Co(II) MOF as a synergistic heterogeneous catalyst. <i>Applied Catalysis A: General</i> , 2020 , 590, 117375 | 5.1 | 17 |
| 354 | A tuneable hierarchical self-assembly of a C ₃ -symmetric triaminoguanidinium-derivative into a rhombic dodecahedral morphology. <i>CrystEngComm</i> , 2020 , 22, 5117-5121 | 3.3 | 3 |
| 353 | Single crystal, DNA interaction and cytotoxicity studies of rhenium(I) organometallic compounds. <i>Journal of Molecular Structure</i> , 2020 , 1200, 127068 | 3.4 | 13 |
| 352 | Efficient catalytic conversion of terminal/internal epoxides to cyclic carbonates by porous Co(II) MOF under ambient conditions: structure-property correlation and computational studies. <i>Journal of Materials Chemistry A</i> , 2019 , 7, 2884-2894 | 13 | 59 |
| 351 | Copper-Catalyzed C-4 Carboxylation of 1-Naphthylamide Derivatives with CBr ₄ /MeOH. <i>Advanced Synthesis and Catalysis</i> , 2019 , 361, 3950-3957 | 5.6 | 16 |
| 350 | An Ionophore for High Lithium Loading and Selective Capture from Brine. <i>Inorganic Chemistry</i> , 2019 , 58, 7209-7219 | 5.1 | 10 |
| 349 | Indium-Catalyzed Denitrogenative Transannulation of Pyridotriazoles: Synthesis of Pyrido[1,2-a]indoles. <i>Organic Letters</i> , 2019 , 21, 2043-2047 | 6.2 | 27 |
| 348 | Binuclear Double-Stranded Helicates and Their Catalytic Applications in Desymmetrization of Mesodiols. <i>Inorganic Chemistry</i> , 2019 , 58, 4465-4479 | 5.1 | 15 |
| 347 | Pd-Catalyzed regioselective synthesis of 2,6-disubstituted pyridines through denitrogenation of pyridotriazoles and 3,8-diarylation of imidazo[1,2-a]pyridines. <i>Chemical Communications</i> , 2019 , 55, 10888-10891 | 5.8 | 13 |
| 346 | Copper-catalyzed synthesis of spiro-indolofurobenzopyrans: tandem reactions of diazoamides and O-propargyl salicylaldehydes. <i>Organic and Biomolecular Chemistry</i> , 2019 , 17, 8088-8093 | 3.9 | 8 |

- 345 Adenine-Based Zn(II)/Cd(II) Metal-Organic Frameworks as Efficient Heterogeneous Catalysts for Facile CO Fixation into Cyclic Carbonates: A DFT-Supported Study of the Reaction Mechanism. *Inorganic Chemistry*, **2019**, 58, 11389-11403 5.1 46
- 344 Cycloaddition of CO with an Epoxide-Bearing Oxindole Scaffold by a Metal-Organic Framework-Based Heterogeneous Catalyst under Ambient Conditions. *Inorganic Chemistry*, **2019**, 58, 10084-10096 5.1 43
- 343 Visible Light-Promoted Photocatalytic C-5 Carboxylation of 8-Aminoquinoline Amides and Sulfonamides via a Single Electron Transfer Pathway. *Journal of Organic Chemistry*, **2019**, 84, 9869-9896 4.2 21
- 342 Regioselective cyclometallation of N-methyl-N-(naphthalen-2-ylmethyl)-2-(pyridin-2-yl)ethanamine with palladium(II) acetate and catalytic reduction of various functional groups. *Inorganica Chimica Acta*, **2019**, 484, 27-32 2.7 2
- 341 Boron Trifluoride Catalyzed Divergent Synthesis of 3-Alkenyl-3-amino-2-oxindoles and Spiro-indeneindolones from Propargylic Alcohols. *Advanced Synthesis and Catalysis*, **2019**, 361, 702-707 5.6 7
- 340 Catecholase activity of mononuclear copper(II) complexes of tridentate 3N ligands in aqueous and aqueous micellar media: Influence of stereoelectronic factors on catalytic activity. *Inorganica Chimica Acta*, **2019**, 485, 98-111 2.7 2
- 339 Three-Dimensional Co(II)/Cd(II) Metal-Organic Frameworks: Luminescent Cd-MOF for Detection and Adsorption of 2,4,6-Trinitrophenol in the Aqueous Phase. *Crystal Growth and Design*, **2018**, 18, 3062-3072 3.5 80
- 338 Efficient Solvent-Free Carbon Dioxide Fixation Reactions with Epoxides Under Mild Conditions by Mixed-Ligand Zinc(II) Metal-Organic Frameworks. *ChemCatChem*, **2018**, 10, 2401-2408 5.2 47
- 337 A BF₃·Et₂O catalyzed atom-economical approach to highly substituted indole-3-carbinols from nitrosobenzenes and propargylic alcohols. *Organic and Biomolecular Chemistry*, **2018**, 16, 756-764 3.9 12
- 336 An uncommon multicomponent reaction involving nucleophilic heterocyclic carbenes: facile synthesis of fully substituted cyclopentanones. *Organic Chemistry Frontiers*, **2018**, 5, 1202-1208 5.2 4
- 335 Nanoemulsions with All Ionic Liquid Components as Recyclable Nanoreactors. *Langmuir*, **2018**, 34, 10081-10091 4.1 18
- 334 Sustainable Heterogeneous Catalysts for CO Utilization by Using Dual Ligand Zn /Cd Metal-Organic Frameworks. *Chemistry - A European Journal*, **2018**, 24, 15831-15839 4.8 26
- 333 Synthesis of 1,2,4-Trisubstituted-(1)-imidazoles through Cu(OTf)-I-Catalyzed C-C Bond Cleavage of Chalcones and Benzylamines. *ACS Omega*, **2018**, 3, 8074-8082 3.9 12
- 332 White-light-emitting lanthanide and lanthanide-iridium doped supramolecular gels: modular luminescence and stimuli-responsive behaviour. *Journal of Materials Chemistry C*, **2018**, 6, 9756-9766 7.1 28
- 331 Selective and reversible adsorption of cationic dyes by mixed ligand Zn(ii) coordination polymers synthesized by reactant ratio modulation. *Dalton Transactions*, **2018**, 47, 898-908 4.3 56
- 330 Regioselective Alcoholysis and Hydrochlorination Reactions of Spiro-Epoxy Oxindoles at the Spiro-Centre: Synthesis of 3,3-Disubstituted Oxindoles and Application for Anticancer Agents. *European Journal of Organic Chemistry*, **2018**, 2018, 5678-5687 3.2 10
- 329 Efficient heterogeneous catalysis by dual ligand Zn(II)/Cd(II) MOFs for the Knoevenagel condensation reaction: adaptable synthetic routes, characterization, crystal structures and luminescence studies. *Inorganic Chemistry Frontiers*, **2018**, 5, 2630-2640 6.8 39
- 328 Dihydro-βagarofuran sesquiterpenoids from the seeds of *Celastrus paniculatus* Willd. and their βglucosidase inhibitory activity. *Phytochemistry Letters*, **2018**, 26, 1-8 1.9 6

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| 327 | Amine-functionalized Zn(ii) MOF as an efficient multifunctional catalyst for CO utilization and sulfoxidation reaction. <i>Dalton Transactions</i> , 2018 , 47, 8041-8051 | 4.3 | 42 |
| 326 | Instant Detection of Hydrogen Cyanide Gas and Cyanide Salts in Solid Matrices and Water by using Cu and Ni Complexes of Intramolecularly Hydrogen Bonded Zwitterions. <i>Chemistry - A European Journal</i> , 2018 , 24, 10721-10731 | 4.8 | 9 |
| 325 | Multiresponsive Adenine-Based Luminescent Zn(II) Coordination Polymer for Detection of Hg ²⁺ and Trinitrophenol in Aqueous Media. <i>Crystal Growth and Design</i> , 2017 , 17, 1363-1372 | 3.5 | 105 |
| 324 | Boron Trifluoride-Catalyzed Synthesis of 3-Alkylidene-3H-indole N-Oxides via Tandem Reaction of Propargylic Alcohols and Nitrosobenzenes. <i>Advanced Synthesis and Catalysis</i> , 2017 , 359, 786-790 | 5.6 | 22 |
| 323 | Mechanochemical and Conventional Synthesis of Zn(II)/Cd(II) Luminescent Coordination Polymers: Dual Sensing Probe for Selective Detection of Chromate Anions and TNP in Aqueous Phase. <i>Inorganic Chemistry</i> , 2017 , 56, 2627-2638 | 5.1 | 220 |
| 322 | Solvothermal self-assembly of Cd coordination polymers with supramolecular networks involving N-donor ligands and aromatic dicarboxylates: synthesis, crystal structure and photoluminescence studies. <i>Dalton Transactions</i> , 2017 , 46, 3623-3630 | 4.3 | 46 |
| 321 | Effect of conformation, flexibility and intramolecular interaction on ion selectivity of calix[4]arene-based anion sensors: experimental and computational studies. <i>Supramolecular Chemistry</i> , 2017 , 29, 600-615 | 1.8 | 7 |
| 320 | Crystal structures of isomeric 4-bromo--[(2-nitro-phen-yl)sulfon-yl]benzamide and 4-bromo--[(4-nitro-phen-yl)sulfon-yl]benzamide. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2017 , 73, 314-317 | 0.7 | |
| 319 | Selective and sensitive detection of picric acid in aqueous, sol-gel and solid support media by Ln(III) probes. <i>Sensors and Actuators B: Chemical</i> , 2017 , 250, 215-223 | 8.5 | 20 |
| 318 | Heteroannulation of 3-Nitroindoles and 3-Nitrobenzo[b]thiophenes: A Multicomponent Approach toward Pyrrole-Fused Heterocycles. <i>Organic Letters</i> , 2017 , 19, 2458-2461 | 6.2 | 36 |
| 317 | Pd-Catalyzed oxidative annulation of enamides with diazabicyclic olefins: rapid access to cyclopentene fused 2-pyrrolines. <i>Chemical Communications</i> , 2017 , 53, 1848-1851 | 5.8 | 18 |
| 316 | Can mechanochemical synthesis be utilized in the progress of chemosensing technology? A case study with a series of Cu ²⁺ selective receptors. <i>Sensors and Actuators B: Chemical</i> , 2017 , 253, 213-223 | 8.5 | 8 |
| 315 | Phenothiazinyl Boranes: A New Class of AIE Luminogens with Mega Stokes Shift, Mechanochromism, and Mechanoluminescence. <i>Chemistry - A European Journal</i> , 2017 , 23, 7046-7051 | 4.8 | 48 |
| 314 | Ruthenium/Iridium-Catalyzed C-2 Activation of Indoles with Bicyclic Olefins: An Easy Access to Functionalized Heterocyclic Motifs. <i>Synlett</i> , 2017 , 28, 572-576 | 2.2 | 4 |
| 313 | Mixed-Ligand LMOF Fluorosensors for Detection of Cr(VI) Oxyanions and Fe/Pd Cations in Aqueous Media. <i>Inorganic Chemistry</i> , 2017 , 56, 10939-10949 | 5.1 | 113 |
| 312 | Functionalized calix[4]arene as a colorimetric dual sensor for Cu(II) and cysteine in aqueous media: experimental and computational study. <i>New Journal of Chemistry</i> , 2017 , 41, 12541-12553 | 3.6 | 14 |
| 311 | Asymmetric Hydrolytic and Aminolytic Kinetic Resolution of Racemic Epoxides using Recyclable Macrocyclic Chiral Cobalt(III) Salen Complexes. <i>Advanced Synthesis and Catalysis</i> , 2017 , 359, 3990-4001 | 5.6 | 17 |
| 310 | Lewis Acid Promoted Regioselective Double Hydro(hetero)arylation of 6,6?-Dialkyl-Substituted Pentafulvenes: A Facile Approach to Bisindole Derivatives. <i>European Journal of Organic Chemistry</i> , 2017 , 2017, 4469-4474 | 3.2 | 1 |

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| 309 | Homochiral Metal-Organic Frameworks 2017 , 373-397 | | 1 |
| 308 | Coordinatively Unsaturated Lanthanide(III) Helicates: Luminescence Sensors for Adenosine Monophosphate in Aqueous Media. <i>Angewandte Chemie</i> , 2016 , 128, 9777-9781 | 3.6 | 14 |
| 307 | A copper(II) complex of benzimidazole-based ligand: synthesis, structure, redox aspects and fluorescence properties. <i>Journal of Coordination Chemistry</i> , 2016 , 69, 3664-3676 | 1.6 | 7 |
| 306 | Iodine mediated propargylic substitution/aza-Meyer-Schuster rearrangement: stereoselective synthesis of conjugated unsymmetrical azines. <i>Tetrahedron Letters</i> , 2016 , 57, 4829-4833 | 2 | 10 |
| 305 | Cascade reaction for the construction of CF ₃ containing tetrasubstituted furan ring. <i>RSC Advances</i> , 2016 , 6, 104148-104153 | 3.7 | 2 |
| 304 | Coordinatively Unsaturated Lanthanide(III) Helicates: Luminescence Sensors For Adenosine Monophosphate in Aqueous Media. <i>Angewandte Chemie - International Edition</i> , 2016 , 55, 9625-9 | 16.4 | 73 |
| 303 | Non-heme FeOxo- and bis(μ-carboxylato)-bridged diiron(III) complexes of a 3N ligand as catalysts for alkane hydroxylation: stereoelectronic factors of carboxylate bridges determine the catalytic efficiency. <i>Dalton Transactions</i> , 2016 , 45, 11422-36 | 4.3 | 18 |
| 302 | Catalytic asymmetric synthesis of enantioenriched β-itrionitrile bearing a C-CF ₃ stereogenic center. <i>RSC Advances</i> , 2016 , 6, 29977-29982 | 3.7 | 15 |
| 301 | Mixed ligand two dimensional Cd(II)/Ni(II) metal organic frameworks containing dicarboxylate and tripodal N-donor ligands: Cd(II) MOF is an efficient luminescent sensor for detection of picric acid in aqueous media. <i>Dalton Transactions</i> , 2016 , 45, 7881-92 | 4.3 | 130 |
| 300 | Evolution of rhodium(III) and iridium(III) chelates as metallonucleases. <i>Polyhedron</i> , 2016 , 110, 73-84 | 2.7 | 15 |
| 299 | Rhodium(II) acetate catalysed intramolecular cyclopropanation followed by ring opening of furan toward oxindole incorporated macrocycles. <i>Tetrahedron</i> , 2016 , 72, 1749-1757 | 2.4 | 2 |
| 298 | Synthesis of Cyclopentachromans by N-Heterocyclic Carbene-Mediated Homoeneolate Annulation of Chroman-3-ene-4-ones. <i>Asian Journal of Organic Chemistry</i> , 2016 , 5, 778-785 | 3 | 4 |
| 297 | Demonstration of 11-Membered Intramolecular Sulfonium Ylides: Regio- and Diastereoselective Synthesis of Spiro-Oxindole-Incorporated Macrocycles. <i>European Journal of Organic Chemistry</i> , 2016 , 2016, 1849-1859 | 3.2 | 10 |
| 296 | Syntheses and Structural Analyses of New 3D Isostructural Zn(II) and Cd(II) Luminescent MOFs and their Application Towards Detection of Nitroaromatics in Aqueous Media. <i>ChemistrySelect</i> , 2016 , 1, 6308-6315 | 1.8 | 31 |
| 295 | Construction of highly enantioselective spiro-oxindole derivatives with fused chromene via organocascade catalysis. <i>RSC Advances</i> , 2016 , 6, 52384-52390 | 3.7 | 12 |
| 294 | Sequential N-Heterocyclic Carbene-Catalyzed Reactions of Enals and Cyclic Aryldiene-1,3-Diones: Synthesis of Tricyclic Chromenones and Related Compounds. <i>Asian Journal of Organic Chemistry</i> , 2016 , 5, 1447-1451 | 3 | 3 |
| 293 | Synthesis of Indole Annulated [1,3]-Thiazaheterocycles and -macrocycles via Ring-Closing Metathesis. <i>ChemistrySelect</i> , 2016 , 1, 2603-2609 | 1.8 | 6 |
| 292 | Diastereoselective Synthesis of Macrocylic Spiro and Dispiro-1,4-dithianes, -1,4-oxathianes, and -1,4-dithiepanes through Intramolecular Sulfonium Ylides. <i>Asian Journal of Organic Chemistry</i> , 2016 , 5, 162-172 | 3 | 6 |

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| 291 | Structural studies and detection of nitroaromatics by luminescent 2D coordination polymers with angular dicarboxylate ligands. <i>Inorganic Chemistry Frontiers</i> , 2015 , 2, 228-236 | 6.8 | 29 |
| 290 | A novel helical micro-valve for embedded micro-fluidic applications. <i>Microfluidics and Nanofluidics</i> , 2015 , 19, 19-29 | 2.8 | 7 |
| 289 | Enantioselective synthesis of functionalized pyrazoles by NHC-catalyzed reaction of pyrazolones with α -unsaturated aldehydes. <i>Organic Letters</i> , 2015 , 17, 1417-20 | 6.2 | 86 |
| 288 | Progress in the synthetic and functional aspects of chiral metal-organic frameworks. <i>CrystEngComm</i> , 2015 , 17, 5341-5356 | 3.3 | 49 |
| 287 | Synthesis, crystal structures and competitive binding property of a family of calix[4]arene-biscrown-5/6 and their application in extraction of alkali metal ions from sea bittern. <i>Polyhedron</i> , 2015 , 101, 65-77 | 2.7 | 2 |
| 286 | Naked eye instant reversible sensing of Cu(2+) and its in situ imaging in live brine shrimp Artemia. <i>Analyst, The</i> , 2015 , 140, 5464-8 | 5 | 25 |
| 285 | Specific Reagent for Cr(III): Imaging Cellular Uptake of Cr(III) in Hct116 Cells and Theoretical Rationalization. <i>Journal of Physical Chemistry B</i> , 2015 , 119, 13018-26 | 3.4 | 21 |
| 284 | Synthesis, crystal structures and competitive complexation property of a family of calix-crown hybrid molecules and their application in extraction of potassium from bittern. <i>Supramolecular Chemistry</i> , 2015 , 27, 706-718 | 1.8 | 1 |
| 283 | An Icy-topology amino acid MOF as eco-friendly catalyst for cyclic carbonate synthesis from CO ₂ : Structure-DFT corroborated study. <i>Journal of Materials Chemistry A</i> , 2015 , 3, 22636-22647 | 13 | 90 |
| 282 | Indium(III) chloride catalyzed highly diastereoselective domino synthesis of indenodithiepinines and indenodithiocinones. <i>Chemical Communications</i> , 2015 , 51, 707-10 | 5.8 | 14 |
| 281 | Luminescent MOFs comprising mixed tritopic linkers and Cd(II)/Zn(II) nodes for selective detection of organic nitro compounds and iodine capture. <i>Journal of Solid State Chemistry</i> , 2015 , 223, 23-31 | 3.3 | 34 |
| 280 | Rapid mechanochemical protocol for isostructural polycatenated coordination polymers [M(BrIP)(BIX)] (M = Co(II), Zn(II)). <i>Polyhedron</i> , 2015 , 87, 71-78 | 2.7 | 11 |
| 279 | Copper(II)-Specific Fluorogenic Task-Specific Ionic Liquids as Selective Fluorescence Probes and Recyclable Extractants. <i>Chemistry - A European Journal</i> , 2015 , 21, 13943-8 | 4.8 | 8 |
| 278 | Binary co-crystals of the active pharmaceutical ingredient 1,4-bis(4-pyridyl)-2,3-diaza-1,3-butadiene and camphoric acid. <i>Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials</i> , 2014 , 70, 63-71 | 1.8 | 6 |
| 277 | Mixed ligand coordination polymers with flexible bis-imidazole linker and angular sulfonyldibenzoate: Crystal structure, photoluminescence and photocatalytic activity. <i>Journal of Solid State Chemistry</i> , 2014 , 213, 43-51 | 3.3 | 36 |
| 276 | Manganese complexes with non-porphyrin N ₄ ligands as recyclable catalyst for the asymmetric epoxidation of olefins. <i>Catalysis Science and Technology</i> , 2014 , 4, 208-217 | 5.5 | 28 |
| 275 | A novel intramolecular homoenolate annulation leading to the formation of cyclopentene-fused macrocycles. <i>Organic Letters</i> , 2014 , 16, 5532-5 | 6.2 | 14 |
| 274 | A phosphine-mediated reaction of cyclic 1,2-diones and 3-alkyl allenates: an efficient protocol for benzannulation applicable to the synthesis of polycyclic aromatic hydrocarbons. <i>Chemical Communications</i> , 2014 , 50, 4616-9 | 5.8 | 33 |

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| 273 | Mixed ligand η -phenoxo-bridged dinuclear copper(II) complexes with diimine co-ligands: efficient chemical nuclease and protease activities and cytotoxicity. <i>Dalton Transactions</i> , 2014 , 43, 6177-94 | 4.3 | 76 |
| 272 | Biomimetic iron(III) complexes of facially and meridionally coordinating tridentate 3N ligands: tuning of regioselective extradiol dioxygenase activity in organized assemblies. <i>Dalton Transactions</i> , 2014 , 43, 6828-41 | 4.3 | 5 |
| 271 | Structural and functional studies on ternary coordination polymers from 5-bromoisophthalate and imidazole based flexible linker. <i>RSC Advances</i> , 2014 , 4, 7352 | 3.7 | 18 |
| 270 | Syntheses, characterization and crystal structures of potassium and barium complexes of a Schiff base ligand with different anions. <i>Journal of Chemical Sciences</i> , 2014 , 126, 1373-1384 | 1.8 | 6 |
| 269 | Synthesis and characterization of new chiral Cu(II)-N ₄ complexes and their application in the asymmetric aza-Henry reaction. <i>Dalton Transactions</i> , 2014 , 43, 12357-64 | 4.3 | 10 |
| 268 | Chemical constituents from <i>Myristica fragrans</i> fruit. <i>Natural Product Research</i> , 2014 , 28, 1664-8 | 2.3 | 16 |
| 267 | Mixed ligand copper(II) complexes of 2,9-dimethyl-1,10-phenanthroline: tridentate 3N primary ligands determine DNA binding and cleavage and cytotoxicity. <i>Journal of Inorganic Biochemistry</i> , 2014 , 140, 202-12 | 4.2 | 61 |
| 266 | Solar photo-thermochemical syntheses of 4-bromo-2,5-substituted oxazoles from N-arylethylamides. <i>RSC Advances</i> , 2014 , 4, 12252 | 3.7 | 14 |
| 265 | Tandem [4 + 2]/[2 + 2] cycloaddition reactions involving indene or benzofurans and arynes. <i>Organic Letters</i> , 2014 , 16, 3576-9 | 6.2 | 41 |
| 264 | Two-Dimensional Coordination Polymers Comprising Mixed Tripodal Ligands for Selective Colorimetric Detection of Water and Iodine Capture. <i>Crystal Growth and Design</i> , 2014 , 14, 3300-3308 | 3.5 | 43 |
| 263 | N-Heterocyclic Carbene Mediated Homo-enolate Annulation of Benzofuran-2,3-diones: Stereoselective Synthesis of Bis-Spirofurones. <i>Synlett</i> , 2014 , 25, 853-857 | 2.2 | 8 |
| 262 | Bis-Functionalization of 1,3-Dienes through 1,4-Conjugate Addition of Amphiphilic Bis- η -Allyl and Related Palladium Intermediates. <i>Synlett</i> , 2014 , 25, 359-364 | 2.2 | 0 |
| 261 | Palladium-Catalyzed Ring Opening of Cyclopropane-Appended Spirotricyclic Olefins with Soft Nucleophiles and Organoboronic Acids: Facile Synthesis of Functionalized Spiro[2.4]heptenes. <i>Synthesis</i> , 2014 , 46, 2629-2643 | 2.9 | 4 |
| 260 | Design and fabrication of 3-dimensional helical structures in polydimethylsiloxane for flow control applications. <i>Microsystem Technologies</i> , 2014 , 20, 101-111 | 1.7 | 12 |
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