

# Eringathodi suresh

## List of Publications by Citations

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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	N-heterocyclic carbene-catalyzed reaction of chalcones and enals via homoenolate: an efficient synthesis of 1,3,4-trisubstituted cyclopentenones. <i>Journal of the American Chemical Society</i> , <b>2006</b> , 128, 8736-7	16.4	327
379	Ratiometric detection of Cr <sup>3+</sup> and Hg <sup>2+</sup> by a naphthalimide-rhodamine based fluorescent probe. <i>Inorganic Chemistry</i> , <b>2012</b> , 51, 1769-77	5.1	280
378	N-heterocyclic carbene catalyzed reaction of enals and 1,2-dicarbonyl compounds: stereoselective synthesis of spiro gamma-butyrolactones. <i>Organic Letters</i> , <b>2006</b> , 8, 507-9	6.2	224
377	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> , <b>2017</b> , 56, 2627-2638	5.1	220
376	Resonance energy transfer approach and a new ratiometric probe for Hg <sup>2+</sup> in aqueous media and living organism. <i>Organic Letters</i> , <b>2009</b> , 11, 2740-3	6.2	201
375	Specific recognition and sensing of CN <sup>-</sup> in sodium cyanide solution. <i>Organic Letters</i> , <b>2010</b> , 12, 3406-9	6.2	189
374	Mixed ligand copper(II) complexes of N,N-bis(benzimidazol-2-ylmethyl)amine (BBA) with diimine co-ligands: efficient chemical nuclease and protease activities and cytotoxicity. <i>Inorganic Chemistry</i> , <b>2012</b> , 51, 5512-32	5.1	175
373	Ternary dinuclear copper(II) complexes of a hydroxybenzamide ligand with diimine coligands: the 5,6-dmp ligand enhances DNA binding and cleavage and induces apoptosis. <i>Inorganic Chemistry</i> , <b>2011</b> , 50, 6458-71	5.1	162
372	Catechol oxidase activity of a series of new dinuclear copper(II) complexes with 3,5-DTBC and TCC as substrates: syntheses, X-ray crystal structures, spectroscopic characterization of the adducts and kinetic studies. <i>Inorganic Chemistry</i> , <b>2008</b> , 47, 7083-93	5.1	156
371	Formation of an infinite 2D-layered water of (H <sub>2</sub> O) <sub>45</sub> cluster in a cryptand-water supramolecular complex: a template effect. <i>Journal of the American Chemical Society</i> , <b>2005</b> , 127, 13132-3	16.4	156
370	Recognition of Hg <sup>2+</sup> and Cr <sup>3+</sup> in physiological conditions by a rhodamine derivative and its application as a reagent for cell-imaging studies. <i>Inorganic Chemistry</i> , <b>2012</b> , 51, 336-45	5.1	155
369	New ruthenium(II) arene complexes of anthracenyl-appended diazacycloalkanes: effect of ligand intercalation and hydrophobicity on DNA and protein binding and cleavage and cytotoxicity. <i>Dalton Transactions</i> , <b>2014</b> , 43, 1203-19	4.3	148
368	Structural, antimicrobial and spectral studies of copper(II) complexes of 2-benzoylpyridine N(4)-phenyl thiosemicarbazone. <i>Polyhedron</i> , <b>2006</b> , 25, 61-70	2.7	140
367	A hybrid water-chloride structure with discrete undecameric water moieties self-assembled in a heptaprotonated octaamino cryptand. <i>Angewandte Chemie - International Edition</i> , <b>2006</b> , 45, 3807-11	16.4	136
366	Azine-based receptor for recognition of Hg <sup>2+</sup> ion: crystallographic evidence and imaging application in live cells. <i>Organic Letters</i> , <b>2010</b> , 12, 5406-9	6.2	132
365	Non-covalent DNA binding and cytotoxicity of certain mixed-ligand ruthenium(II) complexes of 2,2'-dipyridylamine and diimines. <i>Dalton Transactions</i> , <b>2008</b> , 2157-70	4.3	132
364	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> , <b>2016</b> , 45, 7881-92	4.3	130

363	Anion complexation of a pentafluorophenyl-substituted tripodal urea receptor in solution and the solid state: selectivity toward phosphate. <i>Dalton Transactions</i> , <b>2009</b> , 4160-8	4.3	129
362	A rhodamine-based chemosensor that works in the biological system. <i>Organic Letters</i> , <b>2008</b> , 10, 3013-6	6.2	125
361	Trapped inorganic phosphate dimer. <i>Chemical Communications</i> , <b>2007</b> , 5214-6	5.8	117
360	Synthesis and Characterization of Rhodium Complexes Containing 2,4,6-Tris(2-pyridyl)-1,3,5-triazine and Its Metal-Promoted Hydrolytic Products: Potential Uses of the New Complexes in Electrocatalytic Reduction of Carbon Dioxide. <i>Inorganic Chemistry</i> , <b>1998</b> , 37, 5733-5742	5.1	115
359	Mixed-Ligand LMOF Fluorosensors for Detection of Cr(VI) Oxyanions and Fe/Pd Cations in Aqueous Media. <i>Inorganic Chemistry</i> , <b>2017</b> , 56, 10939-10949	5.1	113
358	Spontaneous resolution to absolute chiral induction: pseudo-Kagom[Type homochiral Zn(II)/Co(II) coordination polymers with achiral precursors. <i>Journal of the American Chemical Society</i> , <b>2013</b> , 135, 15690-3	16.4	110
357	Mixed ligand ruthenium(II) complexes of bis(pyrid-2-yl)-/bis(benzimidazol-2-yl)-dithioether and diimines: study of non-covalent DNA binding and cytotoxicity. <i>Dalton Transactions</i> , <b>2008</b> , 148-63	4.3	110
356	Novel synthesis of highly functionalized pyrazolines and pyrazoles by triphenylphosphine-mediated reaction of dialkyl azodicarboxylate with allenic esters. <i>Organic Letters</i> , <b>2006</b> , 8, 2213-6	6.2	107
355	Multiresponsive Adenine-Based Luminescent Zn(II) Coordination Polymer for Detection of Hg <sup>2+</sup> and Trinitrophenol in Aqueous Media. <i>Crystal Growth and Design</i> , <b>2017</b> , 17, 1363-1372	3.5	105
354	Synthesis, spectral and X-ray structural characterization of [cis-MoO <sub>2</sub> (L)(solvent)] (L=salicylidene salicyloyl hydrazine) and its use as catalytic oxidant. <i>Polyhedron</i> , <b>1999</b> , 18, 2491-2497	2.7	100
353	Synthesis and single crystal investigation of two-dimensional rectangular network [M(4,4'-bpy)(Phth)(H <sub>2</sub> O)] <sub>n</sub> .2H <sub>2</sub> O with small neutral cavities. <i>Inorganic Chemistry</i> , <b>2001</b> , 40, 4078-80	5.1	95
352	Hydrogen bonded supramolecular network in organic salts: crystal structures of acid-base salts of dicarboxylic acids and amines. <i>CrystEngComm</i> , <b>2002</b> , 4, 135-142	3.3	92
351	An lcy-topology amino acid MOF as eco-friendly catalyst for cyclic carbonate synthesis from CO <sub>2</sub> : Structure-DFT corroborated study. <i>Journal of Materials Chemistry A</i> , <b>2015</b> , 3, 22636-22647	13	90
350	Enantioselective synthesis of functionalized pyrazoles by NHC-catalyzed reaction of pyrazolones with $\alpha$ -unsaturated aldehydes. <i>Organic Letters</i> , <b>2015</b> , 17, 1417-20	6.2	86
349	Stereoselective synthesis of spirocyclopentanones via N-heterocyclic carbene-catalyzed reactions of enals and dienones. <i>Chemical Communications</i> , <b>2008</b> , 747-9	5.8	84
348	An N-heterocyclic carbene-catalyzed [8 + 3] annulation of tropone and enals via homoenolate. <i>Journal of Organic Chemistry</i> , <b>2006</b> , 71, 8964-5	4.2	83
347	Construction of heterocycles via 1,4-dipolar cycloaddition of quinoline-DMAD zwitterion with various dipolarophiles. <i>Tetrahedron</i> , <b>2008</b> , 64, 3567-3577	2.4	82
346	Nucleophilic heterocyclic carbene catalyzed annulation of enals to chalcones in methanol: a stereoselective synthesis of highly functionalized cyclopentanes. <i>Organic Letters</i> , <b>2009</b> , 11, 2507-10	6.2	81

345	Fe(Cp) <sub>2</sub> PF <sub>6</sub> catalyzed efficient Strecker reactions of ketones and aldehydes under solvent-free conditions. <i>Tetrahedron Letters</i> , <b>2008</b> , 49, 640-644	2	81
344	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. <i>Crystal Growth and Design</i> , <b>2018</b> , 18, 3062-3072	3.5	80
343	Copper(II) complexes with 2NO and 3N donor ligands: synthesis, structures and chemical nuclease and anticancer activities. <i>Dalton Transactions</i> , <b>2013</b> , 42, 8347-63	4.3	79
342	Interaction of rac-[M(diimine) <sub>3</sub> ] <sup>2+</sup> (M=Co, Ni) complexes with CT DNA: role of 5,6-dmp ligand on DNA binding and cleavage and cytotoxicity. <i>Dalton Transactions</i> , <b>2011</b> , 40, 3245-56	4.3	78
341	Zn(II)/Cd(II) based mixed ligand coordination polymers as fluorosensors for aqueous phase detection of hazardous pollutants. <i>Inorganic Chemistry Frontiers</i> , <b>2020</b> , 7, 1082-1107	6.8	78
340	Mixed ligand phenoxo-bridged dinuclear copper(II) complexes with diimine co-ligands: efficient chemical nuclease and protease activities and cytotoxicity. <i>Dalton Transactions</i> , <b>2014</b> , 43, 6177-94	4.3	76
339	Synthesis, Magnetic Properties, and Structural Investigation of Mixed-Ligand Cu(II) Helical Coordination Polymers with an Amino Acid Backbone and N-Donor Propping: 1-D Helical, 2-D Hexagonal Net (hcb), and 3-DinsTopologies. <i>Crystal Growth and Design</i> , <b>2011</b> , 11, 1631-1641	3.5	76
338	Nickel(II) complexes of tripodal 4N ligands as catalysts for alkane oxidation using m-CPBA as oxidant: ligand stereoelectronic effects on catalysis. <i>Dalton Transactions</i> , <b>2011</b> , 40, 9413-24	4.3	75
337	Coordinatively Unsaturated Lanthanide(III) Helicates: Luminescence Sensors for Adenosine Monophosphate in Aqueous Media. <i>Angewandte Chemie - International Edition</i> , <b>2016</b> , 55, 9625-9	16.4	73
336	Two unprecedented multicomponent reactions involving N-heterocyclic carbenes, activated acetylenes, and aldehydes. <i>Organic Letters</i> , <b>2005</b> , 7, 2297-300	6.2	71
335	Encapsulation of halides within the cavity of a pentafluorophenyl-substituted tripodal amine receptor. <i>Inorganic Chemistry</i> , <b>2007</b> , 46, 4769-71	5.1	70
334	Synthesis and structural characterization of some Schiff bases derived from 4-[(arylimino)ethyl]-3-methyl-1-(4?-methylphenyl)-2-pyrazolin-5-one and spectroscopic studies of their Cu(II) complexes. <i>Polyhedron</i> , <b>2004</b> , 23, 2465-2474	2.7	69
333	DNA binding, prominent DNA cleavage and efficient anticancer activities of tris(diimine)iron(II) complexes. <i>Dalton Transactions</i> , <b>2011</b> , 40, 3524-36	4.3	68
332	Novel nucleophilic heterocyclic carbene mediated stereoselective conjugate addition of enals to nitrostyrenes via homoenolate. <i>Organic Letters</i> , <b>2009</b> , 11, 5570-3	6.2	68
331	Predominance of electron-withdrawing effect over angular strain in the metal-promoted hydrolysis of 2,4,6-tris(2-pyridyl)-1,3,5-triazine. <i>Journal of the Chemical Society Dalton Transactions</i> , <b>1997</b> , 2273-2278		67
330	Synthesis and characterization of a tripodal amide ligand and its binding with anions of different dimensionality. <i>Inorganic Chemistry</i> , <b>2006</b> , 45, 4372-80	5.1	65
329	Reaction of Huisgen zwitterion with 1,2-benzoquinones and isatins: expeditious synthesis of dihydro-1,2,3-benzoxadiazoles and spirooxadiazolines. <i>Organic Letters</i> , <b>2005</b> , 7, 5139-42	6.2	63
328	Recognition of Hg <sup>2+</sup> ion through restricted imine isomerization: crystallographic evidence and imaging in live cells. <i>Organic Letters</i> , <b>2012</b> , 14, 2980-3	6.2	62

327	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> , <b>2014</b> , 140, 202-12	4.2	61
326	Metal-assisted unusual hydroxylation at the carbon atom of the triazine ring in dinuclear ruthenium(II) and osmium(II) complexes bridged by 2,4,6-tris(2-pyridyl)-1,3,5-triazine: synthesis, structural characterization, stereochemistry, and electrochemical studies. <i>Inorganic Chemistry</i> , <b>2000</b> , 39, 14-22	5.1	61
325	Efficient synthesis of [1,3]oxazino[2,3-a]quinoline derivatives by a novel 1,4-dipolar cycloaddition involving a quinolineDMAD zwitterion and carbonyl compounds. <i>Tetrahedron Letters</i> , <b>2007</b> , 48, 3667-3670	2.7	60
324	Efficient method for ring opening of epoxides with amines by NaY zeolite under solvent-free conditions. <i>Journal of Molecular Catalysis A</i> , <b>2007</b> , 264, 162-169		60
323	Efficient catalytic conversion of terminal/internal epoxides to cyclic carbonates by porous Co(II) MOF under ambient conditions: structureProperty correlation and computational studies. <i>Journal of Materials Chemistry A</i> , <b>2019</b> , 7, 2884-2894	13	59
322	Spontaneous resolution of a mixed-ligand nickel(II) coordination polymer with achiral precursors. <i>Inorganic Chemistry</i> , <b>2012</b> , 51, 9577-9	5.1	58
321	Iron(III) complexes of tripodal monophenolate ligands as models for non-heme catechol dioxygenase enzymes: correlation of dioxygenase activity with ligand stereoelectronic properties. <i>Inorganic Chemistry</i> , <b>2009</b> , 48, 8771-83	5.1	58
320	Synthesis, spectral characterization and structural investigation on some 4-aminoantipyrine containing Schiff base Cu(II) complexes and their molecular association. <i>Polyhedron</i> , <b>2007</b> , 26, 749-756	2.7	58
319	Selective and reversible adsorption of cationic dyes by mixed ligand Zn(ii) coordination polymers synthesized by reactant ratio modulation. <i>Dalton Transactions</i> , <b>2018</b> , 47, 898-908	4.3	56
318	Iron(III) complexes of tridentate 3N ligands as functional models for catechol dioxygenases: the role of ligand N-alkyl substitution and solvent on reaction rate and product selectivity. <i>Inorganic Chemistry</i> , <b>2007</b> , 46, 10294-306	5.1	55
317	A novel reaction of the "Huisgen zwitterion" with chalcones and dienones: an efficient strategy for the synthesis of pyrazoline and pyrazolopyridazine derivatives. <i>Angewandte Chemie - International Edition</i> , <b>2007</b> , 46, 2070-3	16.4	55
316	Multicomponent Zn-tetraphenylporphyrins: syntheses, characterization and their self assembly in the solid state. <i>Dalton Transactions RSC</i> , <b>2000</b> , 4459-4463		55
315	Conformational isomerism and weak molecular and magnetic interactions in ternary copper(II) complexes of [Cu(AA)L']ClO <sub>4</sub> .nH <sub>2</sub> O, where AA = L-phenylalanine and L-histidine, L' = 1,10-phenanthroline and 2,2-bipyridine, and n = 1 or 1.5: synthesis, single-crystal X-ray structures, and magnetic resonance investigations. <i>Inorganic Chemistry</i> , <b>2001</b> , 40, 4291-301	5.1	53
314	Nucleobases in molecular recognition: molecular adducts of adenine and cytosine with COOH functional groups. <i>Angewandte Chemie - International Edition</i> , <b>2005</b> , 44, 7752-7	16.4	52
313	First example of regiospecific intermolecular C-H insertion reactions of cyclic rhodium carbenoids: novel synthesis of 3-indol-3'-yloxindoles. <i>Chemical Communications</i> , <b>2002</b> , 824-5	5.8	50
312	Progress in the synthetic and functional aspects of chiral metalorganic frameworks. <i>CrystEngComm</i> , <b>2015</b> , 17, 5341-5356	3.3	49
311	Phenothiazinyl Boranes: A New Class of AIE Luminogens with Mega Stokes Shift, Mechanochromism, and Mechanoluminescence. <i>Chemistry - A European Journal</i> , <b>2017</b> , 23, 7046-7051	4.8	48
310	Synthesis, structures, spectral and electrochemical properties of copper(II) complexes of sterically hindered Schiff base ligands. <i>Inorganica Chimica Acta</i> , <b>2009</b> , 362, 199-207	2.7	48

309	Efficient Solvent-Free Carbon Dioxide Fixation Reactions with Epoxides Under Mild Conditions by Mixed-Ligand Zinc(II) Metal-Organic Frameworks. <i>ChemCatChem</i> , <b>2018</b> , 10, 2401-2408	5.2	47
308	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> , <b>2017</b> , 46, 3623-3630	4.3	46
307	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. <i>Inorganic Chemistry</i> , <b>2019</b> , 58, 11389-11403	5.1	46
306	pK(a)-directed host-guest assemblies: rational analysis of molecular adducts of 2,4-diamino-6-methyl-1,3,5-triazine with various aliphatic dicarboxylic acids. <i>Chemistry - A European Journal</i> , <b>2008</b> , 14, 6967-77	4.8	46
305	Reaction of diaryl-1,2-diones with triphenylphosphine and diethyl azodicarboxylate leading to N,N-dicarboethoxy monohydrazones via a novel rearrangement. <i>Organic Letters</i> , <b>2005</b> , 7, 2121-3	6.2	46
304	Receptor design and extraction of inorganic fluoride ion from aqueous medium. <i>Chemical Communications</i> , <b>2011</b> , 47, 7398-400	5.8	45
303	Chemoselective and biomimetic hydroxylation of hydrocarbons by non-heme micro-oxo-bridged diiron(III) catalysts using m-CPBA as oxidant. <i>Dalton Transactions</i> , <b>2009</b> , 5101-14	4.3	44
302	A new tripodal iron(III) monophenolate complex: effects of ligand basicity, steric hindrance, and solvent on regioselective extradiol cleavage. <i>Inorganic Chemistry</i> , <b>2007</b> , 46, 6038-49	5.1	44
301	Facile Enantioselective Ring-Opening Reaction of meso Epoxides with Anilines Using (S)-( <i>l</i> )-BINOL-Ti Complex as a Catalyst. <i>European Journal of Organic Chemistry</i> , <b>2006</b> , 2006, 1303-1309	3.2	44
300	Cycloaddition of CO with an Epoxide-Bearing Oxindole Scaffold by a Metal-Organic Framework-Based Heterogeneous Catalyst under Ambient Conditions. <i>Inorganic Chemistry</i> , <b>2019</b> , 58, 10084-10096	5.1	43
299	Two-Dimensional Coordination Polymers Comprising Mixed Tripodal Ligands for Selective Colorimetric Detection of Water and Iodine Capture. <i>Crystal Growth and Design</i> , <b>2014</b> , 14, 3300-3308	3.5	43
298	Lanthanide(III) complexes of bis-semicarbazone and bis-imine-substituted phenanthroline ligands: solid-state structures, photophysical properties, and anion sensing. <i>Chemistry - A European Journal</i> , <b>2012</b> , 18, 16784-92	4.8	43
297	Chiral macrocyclic salen Mn(III) complexes catalyzed enantioselective epoxidation of non-functionalized alkenes using NaOCl and urea H <sub>2</sub> O <sub>2</sub> as oxidants. <i>Journal of Catalysis</i> , <b>2011</b> , 277, 123-127	7.3	43
296	Palladium catalyzed tandem ring opening-ring closing reaction of diazabicyclic alkenes: a facile one pot strategy for cyclopentannulation of heterocycles. <i>Journal of the American Chemical Society</i> , <b>2009</b> , 131, 5042-3	16.4	43
295	A novel pseudo four component reaction involving homoenolate for the synthesis of gamma-aminobutyric acid (GABA) derivatives. <i>Organic and Biomolecular Chemistry</i> , <b>2010</b> , 8, 761-4	3.9	43
294	9,10,19,20-Tetraarylporphycenes. <i>Organic Letters</i> , <b>2008</b> , 10, 5545-8	6.2	43
293	Synthesis, spectral characterization and crystal structure of copper(II) complexes of 2-benzoylpyridine-N(4)-phenylsemicarbazone. <i>Polyhedron</i> , <b>2011</b> , 30, 70-78	2.7	42
292	N-Heterocyclic Carbene Catalyzed Reaction of Enals and Diaryl-1,2 diones via Homoenolate: Synthesis of 4,5,5-Trisubstituted $\beta$ -Butyrolactones. <i>Synthesis</i> , <b>2007</b> , 2007, 3195-3200	2.9	42



291	Tandem cyclization-cycloaddition behavior of rhodium carbenoids with carbonyl compounds: stereoselective studies on the construction of novel epoxy-bridged tetrahydropyranone frameworks. <i>Journal of Organic Chemistry</i> , <b>2002</b> , 67, 8019-33	4.2	42
290	Amine-functionalized Zn(II) MOF as an efficient multifunctional catalyst for CO utilization and sulfoxidation reaction. <i>Dalton Transactions</i> , <b>2018</b> , 47, 8041-8051	4.3	42
289	Tandem [4 + 2]/[2 + 2] cycloaddition reactions involving indene or benzofurans and arynes. <i>Organic Letters</i> , <b>2014</b> , 16, 3576-9	6.2	41
288	Synthesis, spectroscopic studies and crystal structures of two new vanadium complexes of 2-benzoylpyridine containing hydrazone ligands. <i>Polyhedron</i> , <b>2007</b> , 26, 2713-2718	2.7	41
287	Crystal Study of Salicylaldehyde N(4)-Phenylthiosemicarbazone. <i>Journal of Chemical Crystallography</i> , <b>2008</b> , 38, 93-96	0.5	40
286	Reaction of dimethoxycarbene-DMAD zwitterion with 1,2-diones and anhydrides: a novel synthesis of highly substituted dihydrofurans and spirodihydrofurans. <i>Journal of Organic Chemistry</i> , <b>2006</b> , 71, 2313-13	4.3	40
285	Stable mononuclear rhodium(II) polypyridyl complexes: synthesis, spectroscopic and structural characterisation. <i>Journal of the Chemical Society Dalton Transactions</i> , <b>1999</b> , 2009-2014		40
284	Thiocyanate and Dicyanamide Anion Controlled Nuclearity in Mn, Co, Ni, Cu, and Zn Metal Complexes with Hemilabile Ligand 2-Benzoylpyridine. <i>Crystal Growth and Design</i> , <b>2011</b> , 11, 3198-3205	3.5	39
283	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. <i>Inorganic Chemistry Frontiers</i> , <b>2018</b> , 5, 2630-2640	6.8	39
282	Novel square pyramidal iron(III) complexes of linear tetradentate bis(phenolate) ligands as structural and reactive models for intradiol-cleaving 3,4-PCD enzymes: Quinone formation vs. intradiol cleavage. <i>Dalton Transactions</i> , <b>2010</b> , 39, 9611-25	4.3	38
281	Mono- and dinuclear Zn(II) complexes of Schiff-base ligands: syntheses, characterization and studies of photoluminescence. <i>Journal of Coordination Chemistry</i> , <b>2009</b> , 62, 967-979	1.6	38
280	Pyridine-catalyzed addition of diaryl-1,2-diones to dimethyl butynedioate leading to the formation of 1,2-diaroyl dimethyl maleates via an unprecedented rearrangement. <i>Organic Letters</i> , <b>2005</b> , 7, 1189-91	6.2	38
279	Synthesis, Characterisation, Electrochemistry and Ion-Binding Studies of Ruthenium(II) and Rhenium(I) Bipyridine/Crown Ether Receptor Molecules. <i>European Journal of Inorganic Chemistry</i> , <b>2009</b> , 2009, 1256-1267	2.3	37
278	Structural and spectral studies of novel Co(III) complexes of N(4)-substituted thiosemicarbazones derived from pyridine-2-carbaldehyde. <i>Polyhedron</i> , <b>2007</b> , 26, 607-616	2.7	37
277	Heteroannulation of 3-Nitroindoles and 3-Nitrobenzo[b]thiophenes: A Multicomponent Approach toward Pyrrole-Fused Heterocycles. <i>Organic Letters</i> , <b>2017</b> , 19, 2458-2461	6.2	36
276	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> , <b>2014</b> , 213, 43-51	3.3	36
275	First demonstration of two-step FRET in a synthetic supramolecular assembly. <i>Chemical Science</i> , <b>2013</b> , 4, 2380	9.4	36
274	Design and characterization of Cu(II) complexes from 2-benzoylpyridine benzhydrazone: crystallographic evidence for coordination versatility. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , <b>2010</b> , 75, 686-92	4.4	36

- 273 Diastereoselective synthesis of strained spiro-cyclopropanooxindoles from cyclic diazoamides. *Tetrahedron Letters*, **2010**, 51, 5662-5665 2 36
- 272 Molecular association, chelate conformation and reactivity correlations in substituted o-phenylenebis(salicylidenato)copper(II) complexes: UV-visible, EPR and X-ray structural investigations. *Polyhedron*, **1996**, 15, 4133-4144 2.7 36
- 271 Nucleophilic heterocyclic carbene as a novel catalyst for cyclopropanation of cyano acrylates. *Organic and Biomolecular Chemistry*, **2010**, 8, 901-5 3.9 35
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31	BF <sub>3</sub> · OEt <sub>2</sub> Catalyzed Synthesis of 1,3-Thiazines/-Selenazines. <i>Asian Journal of Organic Chemistry</i> , <b>2021</b> , 10, 170-175	3	3
30	Catalyst-free synthesis of 3,1-benzoxathin-4-ones/1,3-benzodioxin-4-ones. <i>Organic and Biomolecular Chemistry</i> , <b>2021</b> , 19, 1508-1513	3.9	3
29	Self-Assembled Melaminium Adipate Lamellae for Adsorptive Removal of Anionic Dyes from Wastewater. <i>ACS Applied Polymer Materials</i> , <b>2021</b> , 3, 651-660	4.3	3
28	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> , <b>2022</b> , 5, 3712-3721	5.6	3
27	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> , <b>2015</b> , 101, 65-77	2.7	2
26	Cascade reaction for the construction of CF <sub>3</sub> containing tetrasubstituted furan ring. <i>RSC Advances</i> , <b>2016</b> , 6, 104148-104153	3.7	2
25	Rhodium(II) acetate catalysed intramolecular cyclopropanation followed by ring opening of furan toward oxindole incorporated macrocycles. <i>Tetrahedron</i> , <b>2016</b> , 72, 1749-1757	2.4	2
24	KHSO <sub>4</sub> -Catalyzed Synthesis of 1,1'-Oxybis(2-bromoethane-1,1-diyl)dibenzenes and 1-(1-(Benzyloxy)-2-bromoethyl)benzenes Under Solvent-Free Conditions. <i>Synthetic Communications</i> , <b>2013</b> , 43, 587-599	1.7	2
23	Enhancement of Color Images in HOT domain with quantitative measurements using entropy and relative entropy <b>2010</b> ,		2
22	Stereocontrolled Synthesis of Novel Spirocyclic Oxa-Bridged Cyclooctanoids through Sequential Transformations of Pentafulvenes. <i>Synthesis</i> , <b>2008</b> , 2008, 2134-2140	2.9	2

21	Hetero-Diels-Alder Reaction of 3-Bromo-7-(bromomethyl)tetracyclo[5.3.1.0 <sub>2,6</sub> .0 <sub>4,8</sub> ]undec-10(12)-ene-9,11-dione with Pentafulvenes: Facile Synthesis of Novel Polycyclic Cage Compounds Having a Pyran Ring. <i>Synlett</i> , <b>2006</b> , 2006, 3479-3483	2.2	2
20	Enantioselective epoxidation reaction of non-functionalised prochiral alkenes using optically resolved [brucine](R)-[Ru(PDTA-H)Cl] and [brucine](S)-[Ru(PDTA-H)Cl] complexes. <i>Journal of Molecular Catalysis A</i> , <b>1999</b> , 150, 185-194		2
19	AlCl <sub>3</sub> -Catalyzed Synthesis of Triazolo[5,1-b]thiazines. <i>ChemistrySelect</i> , <b>2021</b> , 6, 10258-10262	1.8	2
18	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. <i>Inorganica Chimica Acta</i> , <b>2019</b> , 484, 27-32	2.7	2
17	Catecholase activity of mononuclear copper(II) complexes of tridentate 3N ligands in aqueous and aqueous micellar media: Influence of stereoelectronic factors on catalytic activity. <i>Inorganica Chimica Acta</i> , <b>2019</b> , 485, 98-111	2.7	2
16	exo-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> , <b>2021</b> , 11, 21514-21526	3.7	2
15	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> , <b>2015</b> , 27, 706-718	1.8	1
14	Conformational preference of glycinamide in solution: an answer derived from combined experimental and computational studies. <i>Journal of Molecular Graphics and Modelling</i> , <b>2013</b> , 46, 52-8	2.8	1
13	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> , <b>2017</b> , 2017, 4469-4474	3.2	1
12	Homochiral MetalOrganic Frameworks <b>2017</b> , 373-397		1
11	Reaction of Diaryl-1,2-diones with Triphenylphosphine and Diethyl Azodicarboxylate Leading to N,N-Dicarboethoxy Monohydrazone via a Novel Rearrangement.. <i>ChemInform</i> , <b>2005</b> , 36, no		1
10	N-(Pyridin-2-yl)hydrazinecarbothioamide. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2005</b> , 61, o2243-o2245		1
9	THE CRYSTAL AND MOLECULAR STRUCTURE OF DIAQUABIS(L-LYSINO)NICKEL(II) DICHLORIDE MONOHYDRATE. <i>Journal of Coordination Chemistry</i> , <b>1993</b> , 29, 225-232	1.6	1
8	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> , <b>2022</b> , 1253, 132257	3.4	1
7	Synthesis, crystallographic structure and hirshfeld surface analysis of nickel(II) chelate derived from O,N,S-donor tridentate thiosemicarbazone. <i>Chemical Data Collections</i> , <b>2021</b> , 35, 100758	2.1	1
6	Ring-opening hydrolysis of spiro-epoxyoxindoles using a reusable sulfonic acid functionalized nitrogen rich carbon catalyst.. <i>RSC Advances</i> , <b>2021</b> , 11, 12808-12814	3.7	1
5	Bis-Functionalization of 1,3-Dienes through 1,4-Conjugate Addition of Amphiphilic Bis-Allyl and Related Palladium Intermediates. <i>Synlett</i> , <b>2014</b> , 25, 359-364	2.2	0
4	Base-enabled access to diastereoselective spirofuran oxindoles and functionalized allenates. <i>Chemical Communications</i> , <b>2021</b> , 57, 1746-1749	5.8	0

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| 3 | 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> , <b>2021</b> , 11, 21179-21188 | 3.7 | 0 |
| 2 | 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> , <b>2017</b> , 73, 314-317      | 0.7 |   |
| 1 | Using Homoenolate Annulated Products for Synthesis of Indole Embedded Derivatives. <i>Asian Journal of Chemistry</i> , <b>2021</b> , 33, 319-324  | 0.4 |   |