Subratanath Koner

List of Publications by Year
in descending order

45 papers	1,524 citations	236925 25 h-index	302126 39 g-index
45 all docs	45 docs citations	45 times ranked	1753 citing authors

#	Article	IF	Citations
1	Selective luminescent sensing of metal ions and nitroaromatics over a porous mixed-linker cadmium(<scp>ii</scp>) based metalâ€“organic framework. New Journal of Chemistry, 2022, 46, 8523-8533.	2.8	6
2	2D paddle wheel lanthanide metal-organic framework: Synthesis, structure and exploration of catalytic N-arylation reaction. Polyhedron, 2022, 219, 115789.	2.2	1
3	Aerobic epoxidation of olefins by carboxylate ligandâ€based cobalt (II) compound: synthesis, Xâ€ray crystallography, and catalytic exploration. Applied Organometallic Chemistry, 2022, 36, .	3.5	1
4	A trinuclear Zn(<scp>ii</scp>) Schiff base azido compound: synthesis, structure and exploration of antimicrobial activity. New Journal of Chemistry, 2021, 45, 12296-12304.	2.8	4
5	A post-synthetically modified metalâ€“organic framework for copper catalyzed denitrative Câ€“N coupling of nitroarenes under heterogeneous conditions. New Journal of Chemistry, 2021, 45, 5568-5575.	2.8	8
6	Thermally stable and robust gadolinium-based metal-organic framework: Synthesis, structure and heterogeneous catalytic O-arylation reaction. Polyhedron, 2021, 194, 114934.	2.2	2
7	Solvent mediated photoluminescence responses over mixed-linker cadmium (II) based metalâ€“organic frameworks. Polyhedron, 2021, 208, 115444.	2.2	1
8	Combined experimental and computational studies on preferential CO₂ adsorption over a zinc-based porous framework solid. New Journal of Chemistry, 2020, 44, 1806-1816.	2.8	4
9	Heterometallic Metalâ€“Organic Frameworks That Catalyze Two Different Reactions Sequentially. Inorganic Chemistry, 2016, 55, 5729-5731.	4.0	30
10	Heterogeneous O-arylation of nitroarenes with substituted phenols over a copper immobilized mesoporous silica catalyst. RSC Advances, 2016, 6, 33380-33386.	3.6	14
11	Heterogeneous sequential N-arylation of N-heterocycles over copper anchored mesoporous silica catalyst. Applied Catalysis A: General, 2016, 513, 53-66.	4.3	18
12	Metalâ€“Organic Frameworks Based on Alkaline Earth Metals â€“ Hydrothermal Synthesis, Xâ€ray Structures, Gas Adsorption, and Heterogeneously Catalyzed Hydrogenation Reactions. European Journal of Inorganic Chemistry, 2015, 2015, 1053-1064.	2.0	25
13	pHâ€Tuned Modulation of 1D Chain to 3D Metalâ€“Organic Framework: Synthesis, Structure and Their Useful Application in the Heterogeneous Claisenâ€“Schmidt Reaction. ChemPlusChem, 2015, 80, 591-598.	2.8	13
14	A family of ligand and anion dependent structurally diverse Cu(<scp>ii</scp>) Schiff-base complexes and their catalytic efficacy in an O-arylation reaction in ethanolic media. RSC Advances, 2015, 5, 82179-82191.	3.6	22
15	Synthesis of symmetrically functionalized oligo(p-phenylenevinylene) by Pd-catalyzed Heck coupling reaction. Research on Chemical Intermediates, 2015, 41, 4825-4832.	2.7	1
16	Ligand free copper-catalyzed heterogeneous O-arylation reaction under green condition. Catalysis Communications, 2015, 58, 141-148.	3.3	12
17	Alkaline earth metal-based metalâ€“organic framework: hydrothermal synthesis, X-ray structure and heterogeneously catalyzed Claisenâ€“Schmidt reaction. Dalton Transactions, 2014, 43, 13006-13017.	3.3	41
18	Aromatic Nâ€Arylations Catalyzed by Copperâ€Anchored Porous Zincâ€Based Metalâ€“Organic Framework under Heterogeneous Conditions. ChemCatChem, 2014, 6, 2373-2383.	3.7	43

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19	Catalytic olefin epoxidation over cobalt(<scp>ii</scp>)-containing mesoporous silica by molecular oxygen in dimethylformamide medium. Catalysis Science and Technology, 2014, 4, 1820-1828.	4.1	33
20	Suzuki cross-coupling reaction over Pd-Schiff-base anchored mesoporous silica catalyst. Journal of Molecular Catalysis A, 2014, 394, 188-197.	4.8	42
21	A magnesium-based multifunctional metalâ€“organic framework: synthesis, thermally induced structural variation, selective gas adsorption, photoluminescence and heterogeneous catalytic study. Dalton Transactions, 2013, 42, 13912.	3.3	47
22	Anchoring of Palladium onto Surface of Porous Metalâ€“Organic Framework through Post-Synthesis Modification and Studies on Suzuki and Stille Coupling Reactions under Heterogeneous Condition. Langmuir, 2013, 29, 3140-3151.	3.5	95
23	Heterogeneous catalysis over a barium carboxylate framework compound: Synthesis, X-ray crystal structure and aldol condensation reaction. Polyhedron, 2012, 43, 63-70.	2.2	38
24	Barium Carboxylate Metal-Organic Framework - Synthesis, X-ray Crystal Structure, Photoluminescence and Catalytic Study. European Journal of Inorganic Chemistry, 2012, 2012, 4914-4920.	2.0	43
25	Porous magnesium carboxylate framework: synthesis, X-ray crystal structure, gas adsorption property and heterogeneous catalytic aldol condensation reaction. Dalton Transactions, 2012, 41, 7399.	3.3	56
26	One-dimensional chain copper(II) complex: Synthesis, X-ray crystal structure and catalytic activity in the epoxidation of styrene. Polyhedron, 2012, 35, 55-61.	2.2	33
27	Lanthanide Carboxylate Frameworks: Efficient Heterogeneous Catalytic System for Epoxidation of Olefins. Catalysis Letters, 2012, 142, 124-130.	2.6	31
28	Synthesis, X-ray Crystal Structure and Magnetic Study of a Î¼1,5-dca Bridged Dimeric Copper(II) Complex. Journal of Chemical Crystallography, 2011, 41, 1018-1022.	1.1	2
29	Functionalization of oxo-vanadium(IV) acetylacetonate over modified MCM-41: an efficient reusable catalyst for epoxidation reaction. Journal of Porous Materials, 2011, 18, 399-407.	2.6	14
30	Heterogeneous Catalytic Epoxidation of Olefins Over Hydrothermally Synthesized Lanthanide Containing Framework Compounds. European Journal of Inorganic Chemistry, 2011, 2011, 241-248.	2.0	44
31	Gd₂₆Cluster Consisting of Distorted Cubane Cores: Synthesis, Structure and Heterogeneous Catalytic Epoxidation of Olefins. European Journal of Inorganic Chemistry, 2011, 2011, 2826-2831.	2.0	41
32	Hydrothermal synthesis of dimeric lanthanide compounds: X-ray structure, magnetic study and heterogeneous catalytic epoxidation of olefins. Polyhedron, 2010, 29, 3183-3191.	2.2	43
33	Iron-Containing Mesoporous Aluminosilicate: A Highly Active and Reusable Heterogeneous Catalyst for Hydroarylation of Styrenes. Journal of Organic Chemistry, 2010, 75, 6005-6008.	3.2	28
34	Efficient Energy Transfer between Confined Dye and Y-Zeolite Functionalized Au Nanoparticles. Journal of Physical Chemistry C, 2010, 114, 19667-19672.	3.1	25
35	Heterogeneous Suzuki and Stille coupling reactions using highly efficient palladium(0) immobilized MCM-41 catalyst. Tetrahedron Letters, 2009, 50, 4820-4823.	1.4	79
36	Layered Transition Metal Carboxylates: Efficient Reusable Heterogeneous Catalyst for Epoxidation of Olefins. Langmuir, 2009, 25, 13667-13672.	3.5	41

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37	Tridentate (NNO) Schiff-base copper(II) complex: synthesis, crystal structure, and magnetic study. Journal of Coordination Chemistry, 2009, 62, 3573-3582.	2.2	44
38	Immobilization of Palladium in Mesoporous Silica Matrix: Preparation, Characterization, and Its Catalytic Efficacy in Carbonâ^'Carbon Coupling Reactions. Inorganic Chemistry, 2008, 47, 5512-5520.	4.0	115
39	Synthesis, X-ray crystal structure and magnetic study of a Î¼ 1,5-dca bridged ferromagnetic dimeric copper(II) complex. Journal of Coordination Chemistry, 2008, 61, 3486-3492.	2.2	8
40	Synthesis, characterisation and X-ray structure of an azido adduct of a tridentate (NNO) Schiff base nickel(II) complex. Journal of Coordination Chemistry, 2006, 59, 699-704.	2.2	6
41	Unprecedented Low Cuâ^'N(azide)â^'Cu Angles in End-On Double Azido Bridged Copper(II) Complex. Inorganic Chemistry, 2004, 43, 840-842.	4.0	156
42	A Novel Tetranuclear Copper(II) Complex with Alternating Î¼1,1-Azido and Phenoxo Bridges:â€‰ Synthesis, Structure, and Magnetic Properties of [Cu4(Î¼-salen)2(Î¼1,1-N3)2(N3)2]. Inorganic Chemistry, 2003, 42, 4668-4672.	4.0	102
43	Î¼-Azido- and Î¼-Oxo-Complexes of Fe(III) with Schiff Bases. Journal of Coordination Chemistry, 2003, 56, 103-111.	2.2	24
44	Immobilization of Cr(salen) moiety in MCM-41 and studies on its catalytic properties. Journal of Molecular Catalysis A, 1999, 150, 295-297.	4.8	28
45	Novel color isomerism and catalytic activities of Cu(salen) complex encapsulated in a zeolitic matrix. Chemical Communications, 1998, , 593-594.	4.1	60