

Subratanath Koner

List of Publications by Year in descending order

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45
papers

1,524
citations

236925

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docs citations

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1753
citing authors

#	ARTICLE	IF	CITATIONS
1	Unprecedented Low Cu-N(azide)-Cu Angles in End-On Double Azido Bridged Copper(II) Complex. <i>Inorganic Chemistry</i> , 2004, 43, 840-842.	4.0	156
2	Immobilization of Palladium in Mesoporous Silica Matrix: Preparation, Characterization, and Its Catalytic Efficacy in Carbon-Carbon Coupling Reactions. <i>Inorganic Chemistry</i> , 2008, 47, 5512-5520.	4.0	115
3	A Novel Tetranuclear Copper(II) Complex with Alternating 1,1-Azido and Phenoxo Bridges: Synthesis, Structure, and Magnetic Properties of [Cu ₄ (1,1-N ₃) ₂ (N ₃) ₂]. <i>Inorganic Chemistry</i> , 2003, 42, 4668-4672.	4.0	102
4	Anchoring of Palladium onto Surface of Porous Metal-Organic Framework through Post-Synthesis Modification and Studies on Suzuki and Stille Coupling Reactions under Heterogeneous Condition. <i>Langmuir</i> , 2013, 29, 3140-3151.	3.5	95
5	Heterogeneous Suzuki and Stille coupling reactions using highly efficient palladium(0) immobilized MCM-41 catalyst. <i>Tetrahedron Letters</i> , 2009, 50, 4820-4823.	1.4	79
6	Novel color isomerism and catalytic activities of Cu(salen) complex encapsulated in a zeolitic matrix. <i>Chemical Communications</i> , 1998, , 593-594.	4.1	60
7	Porous magnesium carboxylate framework: synthesis, X-ray crystal structure, gas adsorption property and heterogeneous catalytic aldol condensation reaction. <i>Dalton Transactions</i> , 2012, 41, 7399.	3.3	56
8	A magnesium-based multifunctional metal-organic framework: synthesis, thermally induced structural variation, selective gas adsorption, photoluminescence and heterogeneous catalytic study. <i>Dalton Transactions</i> , 2013, 42, 13912.	3.3	47
9	Tridentate (NNO) Schiff-base copper(II) complex: synthesis, crystal structure, and magnetic study. <i>Journal of Coordination Chemistry</i> , 2009, 62, 3573-3582.	2.2	44
10	Heterogeneous Catalytic Epoxidation of Olefins Over Hydrothermally Synthesized Lanthanide Containing Framework Compounds. <i>European Journal of Inorganic Chemistry</i> , 2011, 2011, 241-248.	2.0	44
11	Hydrothermal synthesis of dimeric lanthanide compounds: X-ray structure, magnetic study and heterogeneous catalytic epoxidation of olefins. <i>Polyhedron</i> , 2010, 29, 3183-3191.	2.2	43
12	Barium Carboxylate Metal-Organic Framework - Synthesis, X-ray Crystal Structure, Photoluminescence and Catalytic Study. <i>European Journal of Inorganic Chemistry</i> , 2012, 2012, 4914-4920.	2.0	43
13	Aromatic Arylations Catalyzed by Copper-Anchored Porous Zinc-Based Metal-Organic Framework under Heterogeneous Conditions. <i>ChemCatChem</i> , 2014, 6, 2373-2383.	3.7	43
14	Suzuki cross-coupling reaction over Pd-Schiff-base anchored mesoporous silica catalyst. <i>Journal of Molecular Catalysis A</i> , 2014, 394, 188-197.	4.8	42
15	Layered Transition Metal Carboxylates: Efficient Reusable Heterogeneous Catalyst for Epoxidation of Olefins. <i>Langmuir</i> , 2009, 25, 13667-13672.	3.5	41
16	Gd ₂₆ Cluster Consisting of Distorted Cubane Cores: Synthesis, Structure and Heterogeneous Catalytic Epoxidation of Olefins. <i>European Journal of Inorganic Chemistry</i> , 2011, 2011, 2826-2831.	2.0	41
17	Alkaline earth metal-based metal-organic framework: hydrothermal synthesis, X-ray structure and heterogeneously catalyzed Claisen-Schmidt reaction. <i>Dalton Transactions</i> , 2014, 43, 13006-13017.	3.3	41
18	Heterogeneous catalysis over a barium carboxylate framework compound: Synthesis, X-ray crystal structure and aldol condensation reaction. <i>Polyhedron</i> , 2012, 43, 63-70.	2.2	38

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19	One-dimensional chain copper(II) complex: Synthesis, X-ray crystal structure and catalytic activity in the epoxidation of styrene. <i>Polyhedron</i> , 2012, 35, 55-61.	2.2	33
20	Catalytic olefin epoxidation over cobalt(II)-containing mesoporous silica by molecular oxygen in dimethylformamide medium. <i>Catalysis Science and Technology</i> , 2014, 4, 1820-1828.	4.1	33
21	Lanthanide Carboxylate Frameworks: Efficient Heterogeneous Catalytic System for Epoxidation of Olefins. <i>Catalysis Letters</i> , 2012, 142, 124-130.	2.6	31
22	Heterometallic Metal-Organic Frameworks That Catalyze Two Different Reactions Sequentially. <i>Inorganic Chemistry</i> , 2016, 55, 5729-5731.	4.0	30
23	Immobilization of Cr(salen) moiety in MCM-41 and studies on its catalytic properties. <i>Journal of Molecular Catalysis A</i> , 1999, 150, 295-297.	4.8	28
24	Iron-Containing Mesoporous Aluminosilicate: A Highly Active and Reusable Heterogeneous Catalyst for Hydroarylation of Styrenes. <i>Journal of Organic Chemistry</i> , 2010, 75, 6005-6008.	3.2	28
25	Efficient Energy Transfer between Confined Dye and Y-Zeolite Functionalized Au Nanoparticles. <i>Journal of Physical Chemistry C</i> , 2010, 114, 19667-19672.	3.1	25
26	Metal-Organic Frameworks Based on Alkaline Earth Metals: Hydrothermal Synthesis, X-ray Structures, Gas Adsorption, and Heterogeneously Catalyzed Hydrogenation Reactions. <i>European Journal of Inorganic Chemistry</i> , 2015, 2015, 1053-1064.	2.0	25
27	$\frac{1}{4}$ -Azido- and $\frac{1}{4}$ -Oxo-Complexes of Fe(III) with Schiff Bases. <i>Journal of Coordination Chemistry</i> , 2003, 56, 103-111.	2.2	24
28	A family of ligand and anion dependent structurally diverse Cu(II) Schiff-base complexes and their catalytic efficacy in an <i>ortho</i> -arylation reaction in ethanolic media. <i>RSC Advances</i> , 2015, 5, 82179-82191.	3.6	22
29	Heterogeneous sequential N-arylation of N-heterocycles over copper anchored mesoporous silica catalyst. <i>Applied Catalysis A: General</i> , 2016, 513, 53-66.	4.3	18
30	Functionalization of oxo-vanadium(IV) acetylacetonate over modified MCM-41: an efficient reusable catalyst for epoxidation reaction. <i>Journal of Porous Materials</i> , 2011, 18, 399-407.	2.6	14
31	Heterogeneous O-arylation of nitroarenes with substituted phenols over a copper immobilized mesoporous silica catalyst. <i>RSC Advances</i> , 2016, 6, 33380-33386.	3.6	14
32	pH-Tuned Modulation of 1D Chain to 3D Metal-Organic Framework: Synthesis, Structure and Their Useful Application in the Heterogeneous Claisen-Schmidt Reaction. <i>ChemPlusChem</i> , 2015, 80, 591-598.	2.8	13
33	Ligand free copper-catalyzed heterogeneous O-arylation reaction under green condition. <i>Catalysis Communications</i> , 2015, 58, 141-148.	3.3	12
34	Synthesis, X-ray crystal structure and magnetic study of a $\frac{1}{4}$ 1,5-dca bridged ferromagnetic dimeric copper(II) complex. <i>Journal of Coordination Chemistry</i> , 2008, 61, 3486-3492.	2.2	8
35	A post-synthetically modified metal-organic framework for copper catalyzed denitrative C-N coupling of nitroarenes under heterogeneous conditions. <i>New Journal of Chemistry</i> , 2021, 45, 5568-5575.	2.8	8
36	Synthesis, characterisation and X-ray structure of an azido adduct of a tridentate (NNO) Schiff base nickel(II) complex. <i>Journal of Coordination Chemistry</i> , 2006, 59, 699-704.	2.2	6

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37	Selective luminescent sensing of metal ions and nitroaromatics over a porous mixed-linker cadmium(II) based metal-organic framework. <i>New Journal of Chemistry</i> , 2022, 46, 8523-8533.	2.8	6
38	Combined experimental and computational studies on preferential CO_2 adsorption over a zinc-based porous framework solid. <i>New Journal of Chemistry</i> , 2020, 44, 1806-1816.	2.8	4
39	A trinuclear Zn(II) Schiff base azido compound: synthesis, structure and exploration of antimicrobial activity. <i>New Journal of Chemistry</i> , 2021, 45, 12296-12304.	2.8	4
40	Synthesis, X-ray Crystal Structure and Magnetic Study of a μ_2 -1,5-dca Bridged Dimeric Copper(II) Complex. <i>Journal of Chemical Crystallography</i> , 2011, 41, 1018-1022.	1.1	2
41	Thermally stable and robust gadolinium-based metal-organic framework: Synthesis, structure and heterogeneous catalytic O-arylation reaction. <i>Polyhedron</i> , 2021, 194, 114934.	2.2	2
42	Synthesis of symmetrically functionalized oligo(p-phenylenevinylene) by Pd-catalyzed Heck coupling reaction. <i>Research on Chemical Intermediates</i> , 2015, 41, 4825-4832.	2.7	1
43	Solvent mediated photoluminescence responses over mixed-linker cadmium (II) based metal-organic frameworks. <i>Polyhedron</i> , 2021, 208, 115444.	2.2	1
44	2D paddle wheel lanthanide metal-organic framework: Synthesis, structure and exploration of catalytic N-arylation reaction. <i>Polyhedron</i> , 2022, 219, 115789.	2.2	1
45	Aerobic epoxidation of olefins by carboxylate ligand-based cobalt (II) compound: synthesis, X-ray crystallography, and catalytic exploration. <i>Applied Organometallic Chemistry</i> , 2022, 36, .	3.5	1