

Rajesh Chakrabarty

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11602207/publications.pdf>

Version: 2024-02-01

19
papers

3,556
citations

430874

18
h-index

752698

20
g-index

22
all docs

22
docs citations

22
times ranked

4427
citing authors

#	ARTICLE	IF	CITATIONS
1	Supramolecular Coordination: Self-Assembly of Finite Two- and Three-Dimensional Ensembles. <i>Chemical Reviews</i> , 2011, 111, 6810-6918.	47.7	2,587
2	Self-Assembly of a Nanoscopic Pt ₁₂ Fe ₁₂ Heterometallic Open Molecular Box Containing Six Porphyrin Walls. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 8455-8459.	13.8	153
3	Synthesis, Structure, Spectral and Electrochemical Properties, and Catalytic Use of Cobalt(III) ^{oxo} Cubane Clusters. <i>Inorganic Chemistry</i> , 2007, 46, 9450-9462.	4.0	107
4	Design, Synthesis, and Characterizations of a Series of Pt ₄ Macrocycles and Fluorescent Sensing of Fe ³⁺ /Cu ²⁺ /Ni ²⁺ Through Metal Coordination. <i>Inorganic Chemistry</i> , 2009, 48, 549-556.	4.0	97
5	Post-assembly Functionalization of Organoplatinum(II) Metallacycles via Copper-free Click Chemistry. <i>Journal of the American Chemical Society</i> , 2012, 134, 14738-14741.	13.7	94
6	Self-Assembly of a Pd ₆ ^{oxo} Molecular Double-Square and a Cu ₃ -Trigonalbipyramidal Cage via a New Tripodal Flexible Ligand. <i>Inorganic Chemistry</i> , 2009, 48, 10880-10882.	4.0	70
7	CuI-Azide Polymers of Cu ₃ and Cu ₆ Building Units: Synthesis, Structures, and Magnetic Exchange Mechanism. <i>Inorganic Chemistry</i> , 2009, 48, 11325-11334.	4.0	58
8	Structural, thermal and spectroscopic properties of supramolecular coordination solids. <i>Journal of Chemical Sciences</i> , 2006, 118, 487-494.	1.5	57
9	Catalytic Properties of Cobalt(III) ^{oxo} Cubanes in the TBHP Oxidation of Benzylic Alcohols. <i>Inorganic Chemistry</i> , 2009, 48, 6371-6379.	4.0	56
10	Selective oxidation of alcohols catalysed by a cubane-like Co(III) oxo cluster immobilised on porous organomodified silica. <i>Journal of Molecular Catalysis A</i> , 2007, 268, 36-44.	4.8	39
11	Synthesis and characterisation of heterometallic molecular triangles using ambidentate linker: self-selection of a single linkage isomer. <i>Dalton Transactions</i> , 2009, , 3222.	3.3	38
12	Enhanced selectivity in green catalytic epoxidation using a supported cobalt complex. <i>Green Chemistry</i> , 2007, 9, 845.	9.0	28
13	Cobalt(III)-oxo cubane clusters as catalysts for oxidation of organic substrates. <i>Journal of Chemical Sciences</i> , 2011, 123, 163-173.	1.5	26
14	Epoxidation of α -pinene catalysed by tetrameric cobalt(III) complexes. <i>Journal of Molecular Catalysis A</i> , 2004, 223, 39-44.	4.8	24
15	Catalytic oxidation of p-xylene in water by cobalt(III) cubane cluster. <i>Polyhedron</i> , 2007, 26, 1239-1244.	2.2	23
16	Unusual Hydrogenation of Fumarate Anion Followed by Metal ^{oxo} Carbon Bond Formation: Synthesis and Characterization of Two Metallochelates. <i>Organometallics</i> , 2008, 27, 3806-3810.	2.3	20
17	Structure and properties of tetraaquabis(hydrogenmaleato)iron(II). <i>Polyhedron</i> , 2002, 21, 1189-1195.	2.2	18
18	Novel 3-dimensional sixfold interpenetrating diamondoid networks of copper(I) coordination polymers of polypyridyl ligands ^{oxo} Syntheses, characterization and crystal structures. <i>Inorganic Chemistry Communication</i> , 2009, 12, 1227-1230.	3.9	14

#	ARTICLE	IF	CITATIONS
19	Coordination driven self-assembly of metallamacrocycles using ambidentate linkers and self-selection of single linkage isomer. <i>Inorganica Chimica Acta</i> , 2011, 372, 313-320.	2.4	13