Sanjay Pratihar

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/2504621/publications.pdf

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20	504	687363 13	752698 20
papers	citations	h-index	g-index

21	21	21	710
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Nano-based soil conditioners eradicate micronutrient deficiency: soil physicochemical properties and plant molecular responses. Environmental Science: Nano, 2021, 8, 2824-2843.	4.3	5
2	Tetra metallic Copper Complex to Nanoscale Copper: Selective and Switchable Dehydrogenationâ€Hydrogenation under light. Chemistry - A European Journal, 2021, , .	3.3	0
3	A Remote â€˜Imidazoleâ€™â€Based Ruthenium(II) Paraâ€Cymene Preâ€catalyst for the Selective Oxidation Reaction of Alkyl Arenes and Alcohols. Chemistry - an Asian Journal, 2020, 15, 926-932.	3.3	4
4	Remote â€˜Imidazoleâ€™ Based Ruthenium(II) pâ€Cymene Precatalyst for Selective Oxidative Cleavage of Câ^'C Multiple Bonds. ChemCatChem, 2019, 11, 2683-2694.	3.7	9
5	Switchable Bifunctional Bistate Reusable ZnOâ€“Cu for Selective Oxidation and Reduction Reaction. ACS Catalysis, 2019, 9, 732-745.	11.2	17
6	Role of Metal Exchange toward the Morphology and Photocatalytic Activity of Cu/Ag/Au-Doped ZnO: A Study with a Zincâ€“Sodium Acetate Complex as the Precursor. ACS Applied Nano Materials, 2018, 1, 2049-2056.	5.0	14
7	Pd^{II}/Ag^I-Catalyzed Room-Temperature Reaction of Î³-Hydroxy Lactams: Mechanism, Scope, and Antistaphylococcal Activity. Journal of Organic Chemistry, 2017, 82, 2193-2198.	3.2	19
8	Synthesis, Characterization, and Photocatalytic Application of Iron Oxalate Capped Fe, Feâ€“Cu, Feâ€“Co, and Feâ€“Mn Oxide Nanomaterial. ACS Sustainable Chemistry and Engineering, 2017, 5, 310-324.	6.7	39
9	Novel boronic acid derivatives of bis(indolyl) methane as anti-MRSA agents. Bioorganic and Medicinal Chemistry Letters, 2017, 27, 2135-2138.	2.2	24
10	Steric Environment Triggered Self-Healing Cu^{II}/Hg^{II} Bimetallic Gel with Old Cu^{II}â€“Schiff Base Complex as a New Metalloligand. Crystal Growth and Design, 2017, 17, 368-380.	3.0	20
11	Magnetically Recoverable Heterobimetallic Co₂Mn₃O₈: Selective and Sustainable Oxidation and Reduction Reactions. ACS Sustainable Chemistry and Engineering, 2017, 5, 11504-11515.	6.7	23
12	Exploring metal detoxification and accumulation potential during vermicomposting of Tea factory coal ash: sequential extraction and fluorescence probe analysis. Scientific Reports, 2016, 6, 30402.	3.3	70
13	Novel synthesis of an iron oxalate capped iron oxide nanomaterial: a unique soil conditioner and slow release eco-friendly source of iron sustenance in plants. RSC Advances, 2016, 6, 103012-103025.	3.6	42
14	Triggering the approach of an arene or heteroarene towards an aldehyde via Lewis acidâ€“aldehyde communication. Organic and Biomolecular Chemistry, 2016, 14, 2854-2865.	2.8	8
15	Iron oxalate capped ironâ€“copper nanomaterial for oxidative transformation of aldehydes. New Journal of Chemistry, 2015, 39, 1430-1437.	2.8	17
16	Oxalate capped iron nanomaterial: from methylene blue degradation to bis(indolyl)methane synthesis. RSC Advances, 2014, 4, 33446-33456.	3.6	33
17	Electrophilicity and nucleophilicity of commonly used aldehydes. Organic and Biomolecular Chemistry, 2014, 12, 5781.	2.8	25
18	Pd(<scp>ii</scp>) coordinated deprotonated diphenyl phosphino amino pyridine: reactivity towards solvent, base, and acid. Dalton Transactions, 2014, 43, 17136-17144.	3.3	8

#	Article	IF	Citations
19	Reactivity and Selectivity of Organotin Reagents in Allylation and Arylation: Nucleophilicity Parameter as a Guide. Organometallics, 2011, 30, 3257-3269.	2.3	22
20	Nucleophilicity and Site Selectivity of Commonly Used Arenes and Heteroarenes. Journal of Organic Chemistry, 2010, 75, 4957-4963.	3.2	104