

# Sanjay Pratihar

## List of Publications by Year in descending order

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Version: 2024-02-01

20  
papers

504  
citations

687363

13  
h-index

752698

20  
g-index

21  
all docs

21  
docs citations

21  
times ranked

710  
citing authors

#	ARTICLE	IF	CITATIONS
1	Nucleophilicity and Site Selectivity of Commonly Used Arenes and Heteroarenes. <i>Journal of Organic Chemistry</i> , 2010, 75, 4957-4963.	3.2	104
2	Exploring metal detoxification and accumulation potential during vermicomposting of Tea factory coal ash: sequential extraction and fluorescence probe analysis. <i>Scientific Reports</i> , 2016, 6, 30402.	3.3	70
3	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. <i>RSC Advances</i> , 2016, 6, 103012-103025.	3.6	42
4	Synthesis, Characterization, and Photocatalytic Application of Iron Oxalate Capped Fe, Fe-Cu, Fe-Co, and Fe-Mn Oxide Nanomaterial. <i>ACS Sustainable Chemistry and Engineering</i> , 2017, 5, 310-324.	6.7	39
5	Oxalate capped iron nanomaterial: from methylene blue degradation to bis(indolyl)methane synthesis. <i>RSC Advances</i> , 2014, 4, 33446-33456.	3.6	33
6	Electrophilicity and nucleophilicity of commonly used aldehydes. <i>Organic and Biomolecular Chemistry</i> , 2014, 12, 5781.	2.8	25
7	Novel boronic acid derivatives of bis(indolyl) methane as anti-MRSA agents. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2017, 27, 2135-2138.	2.2	24
8	Magnetically Recoverable Heterobimetallic Co <sub>2</sub> Mn <sub>3</sub> O <sub>8</sub> : Selective and Sustainable Oxidation and Reduction Reactions. <i>ACS Sustainable Chemistry and Engineering</i> , 2017, 5, 11504-11515.	6.7	23
9	Reactivity and Selectivity of Organotin Reagents in Allylation and Arylation: Nucleophilicity Parameter as a Guide. <i>Organometallics</i> , 2011, 30, 3257-3269.	2.3	22
10	Steric Environment Triggered Self-Healing Cu <sup>II</sup> /Hg <sup>II</sup> Bimetallic Gel with Old Cu <sup>II</sup> -Schiff Base Complex as a New Metalloligand. <i>Crystal Growth and Design</i> , 2017, 17, 368-380.	3.0	20
11	Pd <sup>II</sup> /Ag <sup>I</sup> -Catalyzed Room-Temperature Reaction of $\beta$ -Hydroxy Lactams: Mechanism, Scope, and Antistaphylococcal Activity. <i>Journal of Organic Chemistry</i> , 2017, 82, 2193-2198.	3.2	19
12	Iron oxalate capped iron-copper nanomaterial for oxidative transformation of aldehydes. <i>New Journal of Chemistry</i> , 2015, 39, 1430-1437.	2.8	17
13	Switchable Bifunctional Bistate Reusable Zn-Cu for Selective Oxidation and Reduction Reaction. <i>ACS Catalysis</i> , 2019, 9, 732-745.	11.2	17
14	Role of Metal Exchange toward the Morphology and Photocatalytic Activity of Cu/Ag/Au-Doped ZnO: A Study with a Zinc-Sodium Acetate Complex as the Precursor. <i>ACS Applied Nano Materials</i> , 2018, 1, 2049-2056.	5.0	14
15	Remote Imidazole Based Ruthenium(II) <i>p</i> -Cymene Precatalyst for Selective Oxidative Cleavage of C-C Multiple Bonds. <i>ChemCatChem</i> , 2019, 11, 2683-2694.	3.7	9
16	Pd( <i>scpd</i> ) coordinated deprotonated diphenyl phosphino amino pyridine: reactivity towards solvent, base, and acid. <i>Dalton Transactions</i> , 2014, 43, 17136-17144.	3.3	8
17	Triggering the approach of an arene or heteroarene towards an aldehyde via Lewis acid-aldehyde communication. <i>Organic and Biomolecular Chemistry</i> , 2016, 14, 2854-2865.	2.8	8
18	Nano-based soil conditioners eradicate micronutrient deficiency: soil physicochemical properties and plant molecular responses. <i>Environmental Science: Nano</i> , 2021, 8, 2824-2843.	4.3	5

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19	A Remote $\pi$ -Imidazole $\pi$ -Based Ruthenium(II) Para $\pi$ -Cymene Pre $\pi$ -catalyst for the Selective Oxidation Reaction of Alkyl Arenes and Alcohols. Chemistry - an Asian Journal, 2020, 15, 926-932.	3.3	4
20	Tetra metallic Copper Complex to Nanoscale Copper: Selective and Switchable Dehydrogenation $\pi$ Hydrogenation under light. Chemistry - A European Journal, 2021, , .	3.3	0