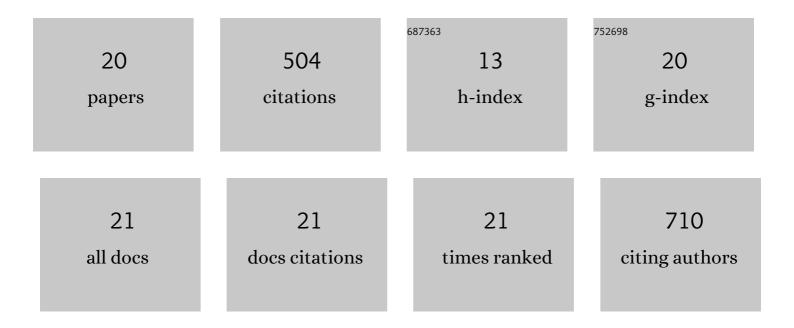
Sanjay Pratihar

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/2504621/publications.pdf Version: 2024-02-01



| # | 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 †Imidazole'â€Based Ruthenium(II) Paraâ€Cymene Preâ€catalyst for the Selective Oxidation Reacti of Alkyl Arenes and Alcohols. Chemistry - an Asian Journal, 2020, 15, 926-932. | on 3.3 | 4 |
| 4 | Remote â€~Imidazole' Based Ruthenium(II) <i>p</i> ymene Precatalyst for Selective Oxidative Cleavage of Câ^'C Multiple Bonds. ChemCatChem, 2019, 11, 2683-2694. | 3.7 | 9 |
| 5 | Switchable Bifunctional Bistate Reusable ZnO–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 Zinc–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 γ-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, Fe–Cu, Fe–Co, and Fe–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} –Schiff Base Complex as a New Metalloligand. Crystal Growth and Design, 2017, 17, 368-380. | 3.0 | 20 |
| 11 | Magnetically Recoverable Heterobimetallic Co ₂ Mn ₃ O ₈ : 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 acid–aldehyde communication. Organic and Biomolecular Chemistry, 2016, 14, 2854-2865. | 2.8 | 8 |
| 15 | Iron oxalate capped iron–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 |