

Pothu Ramyakrishna; Ramyakrishna Po

List of Publications by Year in descending order

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20
papers

509
citations

759233

12
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794594

19
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33
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33
docs citations

33
times ranked

566
citing authors

#	ARTICLE	IF	CITATIONS
1	Acid catalysed glycerol transformation to fuel additives over different metal phosphate solid acid catalysts. <i>Biomass Conversion and Biorefinery</i> , 2023, 13, 12749-12761.	4.6	1
2	Removal and recovery of nutrients and value-added products from wastewater: technological options and practical perspective. <i>Systems Microbiology and Biomanufacturing</i> , 2022, 2, 67-90.	2.9	2
3	Microbial fuel cells: Technologically advanced devices and approach for sustainable/renewable energy development. <i>Energy Conversion and Management: X</i> , 2022, 13, 100160.	1.6	4
4	Trends in Emission and Utilization of CO ₂ : Sustainable Feedstock in the Synthesis of Value-Added Fine Chemicals. <i>Catalysis Surveys From Asia</i> , 2022, 26, 80-91.	2.6	11
5	Recent advances in biomass-derived platform chemicals to valeric acid synthesis. <i>New Journal of Chemistry</i> , 2022, 46, 5907-5921.	2.8	21
6	Heterogeneous Catalysts for Conversion of Biodiesel-Waste Glycerol into High-Added-Value Chemicals. <i>Catalysts</i> , 2022, 12, 767.	3.5	25
7	Nickel sulfide-based energy storage materials for high-performance electrochemical capacitors. <i>Rare Metals</i> , 2021, 40, 353-373.	7.1	81
8	Trends of biofuel cells for smart biomedical devices. <i>International Journal of Hydrogen Energy</i> , 2021, 46, 3220-3229.	7.1	32
9	Book Review on "Nanotechnology: Food and Environmental Paradigm". <i>Current Analytical Chemistry</i> , 2021, 17, 272-274.	1.2	0
10	Combination of ZnO Nanoparticle with Marine Sponge Derived Dipeptide for Enhanced Anticancer Efficacy in Liver Cancer Cells and their Toxicity Evaluation on Embryonic Zebrafish. <i>Current Analytical Chemistry</i> , 2021, 17, 677-688.	1.2	0
11	Study of Cobalt Doped GdAlO ₃ for Electrochemical Application. <i>Current Analytical Chemistry</i> , 2021, 17, 662-667.	1.2	2
12	Lignin to Value-added Chemical Synthesis. <i>Current Analytical Chemistry</i> , 2021, 17, 936-946.	1.2	1
13	Advanced polymer encapsulates for photovoltaic devices—A review. <i>Journal of Materiomics</i> , 2021, 7, 920-928.	5.7	20
14	The role of anticorrosive polymer coatings for the protection of metallic surface. <i>Corrosion Reviews</i> , 2021, 39, 547-559.	2.0	15
15	Graphitic carbon nitride (g-C ₃ N ₄) reinforced polymer nanocomposite systems—A review. <i>Polymer Composites</i> , 2020, 41, 430-442.	4.6	65
16	A study of photocatalytic and photoelectrochemical activity of as-synthesized WO ₃ /g-C ₃ N ₄ composite photocatalysts for AO7 degradation. <i>Materials Science for Energy Technologies</i> , 2020, 3, 43-50.	1.8	28
17	Flexible quasi-solid-state dual-ion asymmetric supercapacitor based on Ni(OH) ₂ and Nb ₂ O ₅ nanosheet arrays. <i>Green Energy and Environment</i> , 2019, 4, 382-390.	8.7	27
18	Synthesis of yttrium doped BiOF/RGO composite for visible light: Photocatalytic applications. <i>Materials Science for Energy Technologies</i> , 2019, 2, 112-116.	1.8	22

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19	Graphene-based membranes for CO ₂ separation. <i>Materials Science for Energy Technologies</i> , 2019, 2, 83-88.	1.8	72
20	Photocatalytic degradation of organic pollutant with nanosized cadmium sulfide. <i>Materials Science for Energy Technologies</i> , 2019, 2, 41-45.	1.8	57