Pothu Ramyakrishna; Ramyakrishna Po

List of Publications by Year
in descending order

20	509	759233 12	794594 19
papers	citations	h-index	g-index

33	33	33	566
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Nickel sulfide-based energy storage materials for high-performance electrochemical capacitors. Rare Metals, 2021, 40, 353-373.	7.1	81
2	Graphene-based membranes for CO2 separation. Materials Science for Energy Technologies, 2019, 2, 83-88.	1.8	72
3	Graphitic carbon nitride (gâ€C₃N₄) reinforced polymer nanocomposite systemsâ€"A review. Polymer Composites, 2020, 41, 430-442.	4.6	65
4	Photocatalytic degradation of organic pollutant with nanosized cadmium sulfide. Materials Science for Energy Technologies, 2019, 2, 41-45.	1.8	57
5	Trends of biofuel cells for smart biomedical devices. International Journal of Hydrogen Energy, 2021, 46, 3220-3229.	7.1	32
6	A study of photocatalytic and photoelectrochemical activity of as-synthesized WO3/g-C3N4 composite photocatalysts for AO7 degradation. Materials Science for Energy Technologies, 2020, 3, 43-50.	1.8	28
7	Flexible quasi-solid-state dual-ion asymmetric supercapacitor based on Ni(OH)2 and Nb2O5 nanosheet arrays. Green Energy and Environment, 2019, 4, 382-390.	8.7	27
8	Heterogeneous Catalysts for Conversion of Biodiesel-Waste Glycerol into High-Added-Value Chemicals. Catalysts, 2022, 12, 767.	3.5	25
9	Synthesis of yttrium doped BiOF/RGO composite for visible light: Photocatalytic applications. Materials Science for Energy Technologies, 2019, 2, 112-116.	1.8	22
10	Recent advances in biomass-derived platform chemicals to valeric acid synthesis. New Journal of Chemistry, 2022, 46, 5907-5921.	2.8	21
11	Advanced polymer encapsulates for photovoltaic devicesÂâ˜' A review. Journal of Materiomics, 2021, 7, 920-928.	5.7	20
12	The role of anticorrosive polymer coatings for the protection of metallic surface. Corrosion Reviews, 2021, 39, 547-559.	2.0	15
13	Trends in Emission and Utilization of CO2: Sustainable Feedstock in the Synthesis of Value-Added Fine Chemicals. Catalysis Surveys From Asia, 2022, 26, 80-91.	2.6	11
14	Microbial fuel cells: Technologically advanced devices and approach for sustainable/renewable energy development. Energy Conversion and Management: X, 2022, 13, 100160.	1.6	4
15	Study of Cobalt Doped GdAlO3 for Electrochemical Application. Current Analytical Chemistry, 2021, 17, 662-667.	1.2	2
16	Removal and recovery of nutrients and value-added products from wastewater: technological options and practical perspective. Systems Microbiology and Biomanufacturing, 2022, 2, 67-90.	2.9	2
17	Lignin to Value-added Chemical Synthesis. Current Analytical Chemistry, 2021, 17, 936-946.	1.2	1
18	Acid catalysed glycerol transformation to fuel additives over different metal phosphate solid acid catalysts. Biomass Conversion and Biorefinery, 2023, 13, 12749-12761.	4.6	1

#	Article	IF	Citations
19	Book Review on â€œNanotechnology: Food and Environmental Paradigmâ€• Current Analytical Chemistry, 2021, 17, 272-274.	1.2	0
20	Combination of ZnO Nanoparticle with Marine Sponge Derived Dipeptide for Enhanced Anticancer Efficacy in Liver Cancer Cells and their Toxicity Evaluation on Embryonic Zebrafish. Current Analytical Chemistry, 2021, 17, 677-688.	1.2	0