

Saran Sarangapany

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

618
citations

777949

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759306

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23
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23
times ranked

864
citing authors

#	ARTICLE	IF	CITATIONS
1	Green Synthesized Magnetically Separable Iron Oxide Nanoparticles for Efficient Heterogeneous Photo-Fenton Degradation of Dye Pollutants. <i>Journal of Cluster Science</i> , 2022, 33, 675-685.	1.7	8
2	Facile Green Synthesis of Ag@g-C3N4 for Enhanced Photocatalytic and Catalytic Degradation of Organic Pollutant. <i>Journal of Cluster Science</i> , 2021, 32, 585-592.	1.7	12
3	Role of pretreatment and evidence for the enhanced biodegradation and mineralization of low-density polyethylene films by greater waxworm. <i>Environmental Technology (United Kingdom)</i> , 2021, 42, 717-730.	1.2	29
4	A facile biogenic-mediated synthesis of Ag nanoparticles over anchored ZnO for enhanced photocatalytic degradation of organic dyes. , 2021, , 275-287.		3
5	Feasibility study of a point of use technique for water treatment using plant-based coagulant and isolation of a bioactive compound with bactericidal properties. <i>Separation Science and Technology</i> , 2020, 55, 112-122.	1.3	8
6	Sustainable Utilization of Molasses Towards Green Synthesis of Silver Nanoparticles for Colorimetric Heavy Metal Sensing and Catalytic Applications. <i>Journal of Cluster Science</i> , 2020, 31, 1137-1145.	1.7	13
7	Facile green synthesis of magnetically separable Au@Pt@TiO2 nanocomposite for efficient catalytic reduction of organic pollutants and selective oxidation of glycerol. <i>Journal of Alloys and Compounds</i> , 2020, 830, 154636.	2.8	24
8	Facile green synthesis of Ag@Cu decorated ZnO nanocomposite for effective removal of toxic organic compounds and an efficient detection of nitrite ions. <i>Journal of Environmental Management</i> , 2020, 262, 110282.	3.8	59
9	Cytotoxic and antioxidant activity of the polysaccharide isolated from the seeds of <i>Strychnos potatorum</i> . <i>Biocatalysis and Agricultural Biotechnology</i> , 2020, 25, 101586.	1.5	6
10	Efficient biodegradation of polyethylene (HDPE) waste by the plastic-eating lesser waxworm (<i>Achroia Tj</i>). <i>ETQq0 0 0,rgBT /Overlock 10 Tf</i>	2.7	128
11	Isolation of active coagulant protein from the seeds of <i>Strychnos potatorum</i> a potential water treatment agent. <i>Environmental Technology (United Kingdom)</i> , 2019, 40, 1624-1632.	1.2	20
12	Reclamation of grey water for non-potable purposes using pilot-scale solar photocatalytic tubular reactors. <i>Environmental Technology (United Kingdom)</i> , 2019, 40, 3190-3199.	1.2	14
13	Highly recyclable and ultra-rapid catalytic reduction of organic pollutants on Ag@Cu@ZnO bimetal nanocomposite synthesized via green technology. <i>Applied Nanoscience (Switzerland)</i> , 2018, 8, 1123-1131.	1.6	5
14	Synergistic eminently active catalytic and recyclable Ag, Cu and Ag-Cu alloy nanoparticles supported on TiO2 for sustainable and cleaner environmental applications: A phyto-genic mediated synthesis. <i>Journal of Cleaner Production</i> , 2018, 177, 134-143.	4.6	38
15	A Facile and Convenient Route for Synthesis of Silver Biopolymer Gel Bead Nanocomposites by Different Approach Towards Immobilization and Its Catalytic Applications. <i>Catalysis Letters</i> , 2018, 148, 1514-1524.	1.4	13
16	Disinfection of roof harvested rainwater for potable purpose using pilot-scale solar photocatalytic fixed bed tubular reactor. <i>Water Science and Technology: Water Supply</i> , 2018, 18, 49-59.	1.0	8
17	Novel Synthesis of Cu@ZnO and Ag@ZnO Nanocomposite via Green Method: A Comparative Study for Ultra-Rapid Catalytic and Recyclable Effects. <i>Catalysis Letters</i> , 2018, 148, 2561-2571.	1.4	23
18	Catalytic and recyclability properties of phyto-genic copper oxide nanoparticles derived from <i>Aglaia elaeagnoidea</i> flower extract. <i>Journal of Saudi Chemical Society</i> , 2017, 21, 610-618.	2.4	91

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19	Facile <i>Aglaia elaeagnoides</i> Mediated Synthesis of Silver and Gold Nanoparticles: Antioxidant and Catalysis Properties. <i>Journal of Cluster Science</i> , 2017, 28, 2041-2056.	1.7	40
20	Solar photocatalytic decolorization of synthetic dye solution using pilot scale slurry type falling film reactor. <i>Korean Journal of Chemical Engineering</i> , 2017, 34, 2984-2992.	1.2	9
21	A High-Performance Catalytic and Recyclability of Phyto-Synthesized Silver Nanoparticles Embedded in Natural Polymer. <i>Journal of Cluster Science</i> , 2017, 28, 3127-3138.	1.7	17
22	Recovery and reuse of TiO ₂ photocatalyst from aqueous suspension using plant based coagulant - A green approach. <i>Korean Journal of Chemical Engineering</i> , 2016, 33, 2107-2113.	1.2	26
23	Pilot scale thin film plate reactors for the photocatalytic treatment of sugar refinery wastewater. <i>Environmental Science and Pollution Research</i> , 2016, 23, 17730-17741.	2.7	24