

Sivaraman Chandrasekaran

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

1,207
citations

567144

15
h-index

752573

20
g-index

20
all docs

20
docs citations

20
times ranked

1594
citing authors

#	ARTICLE	IF	CITATIONS
1	A facile synthesis of metal ferrites and their catalytic removal of toxic nitro-organic pollutants. <i>Environmental Pollution</i> , 2021, 270, 116063.	3.7	39
2	Synthesis, characterization and photocatalytic performance of W6+ impregnated g-C3N4 for the removal of chlorophenol derivatives in natural sunlight exposure. <i>Chemosphere</i> , 2021, 265, 129135.	4.2	8
3	Semi-Volatile Organic Compounds in Car Dust: A Pilot Study in Jeddah, Saudi Arabia. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 4803.	1.2	5
4	Fabrication strategies and surface tuning of hierarchical gold nanostructures for electrochemical detection and removal of toxic pollutants. <i>Journal of Hazardous Materials</i> , 2021, 420, 126648.	6.5	59
5	Synthesis of hierarchically structured Fe ₂ O ₃ @PPy nanocomposite as effective adsorbent for cationic dye removal from wastewater. <i>Environmental Pollution</i> , 2020, 267, 115498.	3.7	49
6	Recent development on carbon based heterostructures for their applications in energy and environment: A review. <i>Journal of Industrial and Engineering Chemistry</i> , 2018, 64, 16-59.	2.9	146
7	Biodegradation of phenol by a moderately halophilic bacterial consortium. <i>Environmental Progress and Sustainable Energy</i> , 2018, 37, 1587-1593.	1.3	15
8	Recent developments of metal oxide based heterostructures for photocatalytic applications towards environmental remediation. <i>Journal of Solid State Chemistry</i> , 2018, 267, 35-52.	1.4	187
9	Optical, magnetic, and photoelectrochemical properties of electrochemically deposited Eu ³⁺ -doped ZnSe thin films. <i>Ionics</i> , 2017, 23, 2497-2507.	1.2	23
10	Evaluation of sunlight induced structural changes and their effect on the photocatalytic activity of V ₂ O ₅ for the degradation of phenols. <i>Journal of Hazardous Materials</i> , 2015, 286, 127-135.	6.5	191
11	How the Dyes Are Degraded/Mineralized in a Photocatalytic System? The Possible Role of Auxochromes. <i>Water, Air, and Soil Pollution</i> , 2015, 226, 1.	1.1	19
12	Comparison of bacterial diversity from solar salterns and a simulated laboratory study. <i>Annals of Microbiology</i> , 2015, 65, 995-1005.	1.1	4
13	Biodegradation of aliphatic hydrocarbons in the presence of hydroxy cucurbit[6]uril. <i>Marine Pollution Bulletin</i> , 2014, 88, 148-154.	2.3	5
14	The suitability of Ce ³⁺ -modified ZnO photocatalyst for the mineralization of monochlorophenol isomers in sunlight exposure. <i>RSC Advances</i> , 2014, 4, 49347-49359.	1.7	25
15	Enhanced photocatalytic activity of V ₂ O ₅ @ZnO composites for the mineralization of nitrophenols. <i>Chemosphere</i> , 2014, 117, 115-123.	4.2	74
16	Sunlight assisted photocatalytic mineralization of nitrophenol isomers over W6+ impregnated ZnO. <i>Applied Catalysis B: Environmental</i> , 2014, 160-161, 227-239.	10.8	54
17	Morphology controlled bulk synthesis of disc-shaped WO ₃ powder and evaluation of its photocatalytic activity for the degradation of phenols. <i>Journal of Hazardous Materials</i> , 2014, 276, 120-128.	6.5	195
18	Biodegradation of crude oil by <i>Pseudomonas aeruginosa</i> and <i>Escherichia fergusonii</i> isolated from the Goan coast. <i>Marine Pollution Bulletin</i> , 2013, 76, 276-282.	2.3	66

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19	Isolation of hydrocarbonoclastic bacteria from bilge oil contaminated water. International Journal of Environmental Science and Technology, 2011, 8, 461-470.	1.8	24
20	Biodegradation of hydrocarbons in the presence of cyclodextrins. World Journal of Microbiology and Biotechnology, 2010, 26, 227-232.	1.7	19