

# Sivaraman Chandrasekaran

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2265483/publications.pdf>

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	Morphology controlled bulk synthesis of disc-shaped WO <sub>3</sub> 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
2	Evaluation of sunlight induced structural changes and their effect on the photocatalytic activity of V <sub>2</sub> O <sub>5</sub> for the degradation of phenols. <i>Journal of Hazardous Materials</i> , 2015, 286, 127-135.	6.5	191
3	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
4	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
5	Enhanced photocatalytic activity of V <sub>2</sub> O <sub>5</sub> @ZnO composites for the mineralization of nitrophenols. <i>Chemosphere</i> , 2014, 117, 115-123.	4.2	74
6	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
7	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
8	Sunlight assisted photocatalytic mineralization of nitrophenol isomers over W <sub>6</sub> + impregnated ZnO. <i>Applied Catalysis B: Environmental</i> , 2014, 160-161, 227-239.	10.8	54
9	Synthesis of hierarchically structured Fe <sub>2</sub> O <sub>3</sub> @PPy nanocomposite as effective adsorbent for cationic dye removal from wastewater. <i>Environmental Pollution</i> , 2020, 267, 115498.	3.7	49
10	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
11	The suitability of Ce <sup>3+</sup> -modified ZnO photocatalyst for the mineralization of monochlorophenol isomers in sunlight exposure. <i>RSC Advances</i> , 2014, 4, 49347-49359.	1.7	25
12	Isolation of hydrocarbonoclastic bacteria from bilge oil contaminated water. <i>International Journal of Environmental Science and Technology</i> , 2011, 8, 461-470.	1.8	24
13	Optical, magnetic, and photoelectrochemical properties of electrochemically deposited Eu <sup>3+</sup> -doped ZnSe thin films. <i>Ionics</i> , 2017, 23, 2497-2507.	1.2	23
14	Biodegradation of hydrocarbons in the presence of cyclodextrins. <i>World Journal of Microbiology and Biotechnology</i> , 2010, 26, 227-232.	1.7	19
15	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
16	Biodegradation of phenol by a moderately halophilic bacterial consortium. <i>Environmental Progress and Sustainable Energy</i> , 2018, 37, 1587-1593.	1.3	15
17	Synthesis, characterization and photocatalytic performance of W <sub>6</sub> + impregnated g-C <sub>3</sub> N <sub>4</sub> for the removal of chlorophenol derivatives in natural sunlight exposure. <i>Chemosphere</i> , 2021, 265, 129135.	4.2	8
18	Biodegradation of aliphatic hydrocarbons in the presence of hydroxy cucurbit[6]uril. <i>Marine Pollution Bulletin</i> , 2014, 88, 148-154.	2.3	5

#	ARTICLE	IF	CITATIONS
19	Semi-Volatile Organic Compounds in Car Dust: A Pilot Study in Jeddah, Saudi Arabia. International Journal of Environmental Research and Public Health, 2021, 18, 4803.	1.2	5
20	Comparison of bacterial diversity from solar salterns and a simulated laboratory study. Annals of Microbiology, 2015, 65, 995-1005.	1.1	4