

# Mahendra Chinthala

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6650994/publications.pdf>

Version: 2024-02-01

13  
papers

269  
citations

1307594

7  
h-index

1281871

11  
g-index

13  
all docs

13  
docs citations

13  
times ranked

108  
citing authors

#	ARTICLE	IF	CITATIONS
1	Comprehensive review on advanced reusability of g-C <sub>3</sub> N <sub>4</sub> based photocatalysts for the removal of organic pollutants. <i>Chemosphere</i> , 2022, 297, 134190.	8.2	79
2	Biopolymer-supported TiO <sub>2</sub> as a sustainable photocatalyst for wastewater treatment: a review. <i>Environmental Chemistry Letters</i> , 2022, 20, 3071-3098.	16.2	50
3	Synthesis and applications of nano-MgO and composites for medicine, energy, and environmental remediation: a review. <i>Environmental Chemistry Letters</i> , 2021, 19, 4415-4454.	16.2	40
4	Performance assessment of waste heat/solar driven membrane-based simultaneous desalination and liquid desiccant regeneration system using a thermal model and KNN machine learning tool. <i>Desalination</i> , 2021, 505, 114980.	8.2	36
5	Current-voltage characteristics in a hybrid electro dialysis-ion exchange system for the recovery of cesium ions from ammonium molybdophosphate-polyacrylonitrile. <i>Desalination</i> , 2014, 353, 8-14.	8.2	18
6	Analysis and modeling of fixed bed sorption of cesium by AMP-PAN. <i>Journal of Environmental Chemical Engineering</i> , 2015, 3, 1546-1554.	6.7	17
7	Separation of Cesium by Electro Dialysis Ion Exchange using AMP-PAN. <i>Separation Science and Technology</i> , 2013, 48, 2473-2478.	2.5	15
8	Intensification of advanced oxidation processes (AOPs) for the degradation of bisphenol-A. <i>International Journal of Chemical Reactor Engineering</i> , 2021, 19, 605-614.	1.1	5
9	Transport phenomena in the electrodeionization of cesium from AMP-PAN. <i>Separation Science and Technology</i> , 2017, 52, 1468-1476.	2.5	3
10	Electrocatalytic performance of sonochemically synthesized Pt-Ni/C nanoparticles in fuel cell application. <i>International Journal of Chemical Reactor Engineering</i> , 2022, 20, 873-885.	1.1	3
11	The effect of Cr alloying with Pt/C as an electrocatalyst for low temperature PEM fuel cell. <i>Energy Sources, Part A: Recovery, Utilization and Environmental Effects</i> , 2022, 44, 3239-3252.	2.3	3
12	Removal of Methylene Blue Dye Using Saw Palmetto Fruit ( <i>Serenoa repens</i> ) Waste. <i>Asian Journal of Chemistry</i> , 2019, 31, 1919-1925.	0.3	0
13	Ultrasound assisted impregnation of platinum on carbon for ORR activity in PEM fuel cell. <i>International Journal of Ambient Energy</i> , 2022, 43, 8239-8247.	2.5	0