

# Arvind Singh

## List of Publications by Year in descending order

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Version: 2024-02-01

19  
papers

522  
citations

1163117

8  
h-index

940533

16  
g-index

20  
all docs

20  
docs citations

20  
times ranked

326  
citing authors

#	ARTICLE	IF	CITATIONS
1	Biological remediation technologies for dyes and heavy metals in wastewater treatment: New insight. <i>Bioresource Technology</i> , 2022, 343, 126154.	9.6	195
2	A review on biomass based hydrogen production technologies. <i>International Journal of Hydrogen Energy</i> , 2022, 47, 1461-1480.	7.1	104
3	Active CdS/rGO photocatalyst by a high temperature gas-solid reaction for hydrogen production by splitting of water. <i>Applied Surface Science</i> , 2018, 430, 184-197.	6.1	61
4	Low-cost biochar adsorbents prepared from date and delonix regia seeds for heavy metal sorption. <i>Bioresource Technology</i> , 2021, 339, 125606.	9.6	60
5	Investigation of surface interaction in rGO-CdS photocatalyst for hydrogen production: An insight from XPS studies. <i>International Journal of Hydrogen Energy</i> , 2021, 46, 26757-26769.	7.1	43
6	Structural and photoluminescence behavior of thermally stable Eu <sup>3+</sup> -activated CaWO <sub>4</sub> nanophosphors via Li <sup>+</sup> incorporation. <i>Journal of Molecular Structure</i> , 2017, 1149, 426-431.	3.6	17
7	Synthesis and characterization of CdS-based ternary composite for enhanced visible light-driven photocatalysis. <i>Journal of Physics and Chemistry of Solids</i> , 2018, 120, 123-132.	4.0	10
8	Intensification of photocatalytic decomposition of water by ultrasound. <i>Journal of Energy Chemistry</i> , 2018, 27, 1183-1188.	12.9	10
9	Studies on Zero-cost algae based phytoremediation of dye and heavy metal from simulated wastewater. <i>Bioresource Technology</i> , 2021, 342, 125971.	9.6	9
10	Modelling and experimental validation of polarization behavior of airbreathing microfluidic fuel cell using some common fuels: Methanol, ethanol and sodium borohydride. <i>Journal of Electroanalytical Chemistry</i> , 2022, 904, 115876.	3.8	3
11	Investigation on hexavalent chromium removal from simulated wastewater using royal poinciana pods-derived bioadsorbent. <i>Biomass Conversion and Biorefinery</i> , 2023, 13, 13369-13380.	4.6	2
12	Optimization of channel and rib dimension in serpentine flow field for vanadium redox flow battery. <i>Energy Storage</i> , 2023, 5, .	4.3	2
13	Surveillance of potential woody species for revegetation of coal mine spoil in a dry tropical environment. <i>Indian Journal of Forestry</i> , 2011, 34, 173-174.	0.0	2
14	Studies on acidity and activity of kaolin-supported Ag-doped HZSM-5 in methanol to olefins process. <i>Biomass Conversion and Biorefinery</i> , 0, , 1.	4.6	1
15	Electrolyte circulation effects in electrochemical performance for different flow fields of all-vanadium redox flow battery. <i>Energy Storage</i> , 2023, 5, .	4.3	1
16	A New Perspective on the Green Strategy of Close Cycle Dissociation of H <sub>2</sub> S. <i>Journal of the Institution of Engineers (India): Series E</i> , 2022, 103, 357-363.	0.9	1
17	Trees Performance on Mine Spoil in a Dry Tropical Environment, India. <i>Indian Journal of Forestry</i> , 2012, 35, 463-465.	0.0	1
18	Exotic flora of the Chandauli district Uttar Pradesh, India: An Overview. <i>Indian Journal of Forestry</i> , 2012, 35, 79-84.	0.0	0

#	ARTICLE	IF	CITATIONS
19	Influence of interplanted species on N and P resorption efficiency of companion species in mixed plantations of various species combinations raised on mine spoil. Indian Journal of Forestry, 2011, 34, 111-116.	0.0	0