

Ashutosh Agarwal

List of Publications by Year in descending order

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15
papers

1,178
citations

759055

12
h-index

996849

15
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docs citations

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times ranked

1411
citing authors

#	ARTICLE	IF	CITATIONS
1	Ni(OH) ₂ Coated CoMn-layered double hydroxide nanowires as efficient water oxidation electrocatalysts. <i>New Journal of Chemistry</i> , 2022, 46, 2044-2052.	1.4	12
2	Effect of Iron Concentration and Annealing Conditions on the Catalytic Performance of Co-Mn Spinel Oxides with a Unique Nanowire-Nanosheet Coexisting Structure for Water Oxidation. <i>Energy & Fuels</i> , 2022, 36, 7806-7815.	2.5	2
3	Hybrid microwave-ultrasound assisted catalyst-free depolymerization of Kraft lignin to bio-oil. <i>Industrial Crops and Products</i> , 2021, 162, 113300.	2.5	10
4	Chlorinated polyvinyl chloride (CPVC) assisted leaching of lithium and cobalt from spent lithium-ion battery in subcritical water. <i>Journal of Hazardous Materials</i> , 2020, 393, 122367.	6.5	30
5	Effects of Temperature and Salt Catalysts on Depolymerization of Kraft Lignin to Aromatic Phenolic Compounds. <i>Energy & Fuels</i> , 2019, 33, 6390-6404.	2.5	26
6	Upgrading of Kraft Lignin-Derived Bio-Oil over Hierarchical and Nonhierarchical Ni and/or Zn/HZSM5 Catalysts. <i>Industrial & Engineering Chemistry Research</i> , 2019, 58, 22791-22803.	1.8	6
7	Production of Phenol-Rich Monomers from Kraft Lignin Hydrothermolysates in Basic-Subcritical Water over MoO ₃ /SBA-15 Catalyst. <i>Energy & Fuels</i> , 2018, 32, 11564-11575.	2.5	26
8	Advancement in technologies for the depolymerization of lignin. <i>Fuel Processing Technology</i> , 2018, 181, 115-132.	3.7	159
9	Enhanced microbubbles assisted cleaning of diesel contaminated sand. <i>Marine Pollution Bulletin</i> , 2017, 124, 331-335.	2.3	19
10	Remediation of oil-contaminated sand with self-collapsing air microbubbles. <i>Environmental Science and Pollution Research</i> , 2016, 23, 23876-23883.	2.7	29
11	Remediation technologies for oil-contaminated sediments. <i>Marine Pollution Bulletin</i> , 2015, 101, 483-490.	2.3	77
12	Removal of biofilms by intermittent low-intensity ultrasonication triggered bursting of microbubbles. <i>Biofouling</i> , 2014, 30, 359-365.	0.8	27
13	Cleaning of biologically fouled membranes with self-collapsing microbubbles. <i>Biofouling</i> , 2013, 29, 69-76.	0.8	13
14	Biofilm detachment by self-collapsing air microbubbles: a potential chemical-free cleaning technology for membrane biofouling. <i>Journal of Materials Chemistry</i> , 2012, 22, 2203-2207.	6.7	47
15	Principle and applications of microbubble and nanobubble technology for water treatment. <i>Chemosphere</i> , 2011, 84, 1175-1180.	4.2	695