

Liguo Wang

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

257
citations

1040056

9
h-index

1058476

14
g-index

14
all docs

14
docs citations

14
times ranked

375
citing authors

#	ARTICLE	IF	CITATIONS
1	Preparation, characterisation, and desalination performance study of cellulose acetate membranes with MIL-53(Fe) additive. <i>Journal of Membrane Science</i> , 2019, 590, 117057.	8.2	42
2	Microbial characteristics analysis and kinetic studies on substrate composition to methane after microbial and nutritional regulation of fruit and vegetable wastes anaerobic digestion. <i>Bioresource Technology</i> , 2018, 249, 315-321.	9.6	41
3	Lanthanum-promoted copper-based hydrotalcites derived mixed oxides for NO _x adsorption, soot combustion and simultaneous NO _x -soot removal. <i>Materials Research Bulletin</i> , 2014, 51, 119-127.	5.2	27
4	Effect of surface and bulk palladium doping on the catalytic activity of La ₂ Sn ₂ O ₇ pyrochlore oxides for diesel soot oxidation. <i>Journal of Materials Science</i> , 2019, 54, 4495-4510.	3.7	24
5	Insights into the role of earthworms on the optimization of microbial community structure during vermicomposting of sewage sludge by PLFA analysis. <i>Waste Management</i> , 2018, 79, 700-708.	7.4	23
6	Preparation and Characterization of Novel Polyvinylidene Fluoride/2-Aminobenzothiazole Modified Ultrafiltration Membrane for the Removal of Cr(VI) in Wastewater. <i>Polymers</i> , 2018, 10, 19.	4.5	22
7	Enhanced catalytic performance of cobalt and iron co-doped ceria catalysts for soot combustion. <i>Journal of Materials Science</i> , 2020, 55, 283-297.	3.7	18
8	Catalytic Oxidation of Soot on a Novel Active Ca-Co Dually-Doped Lanthanum Tin Pyrochlore Oxide. <i>Materials</i> , 2018, 11, 653.	2.9	17
9	Catalytic Oxidation Of Diesel Soot Over Transition Metal Doped Lanthanum Stannate Pyrochlores With A O ₂ /No Mixture. <i>Procedia Engineering</i> , 2011, 24, 436-440.	1.2	10
10	Co ²⁺ /Mn ²⁺ /Al Nonstoichiometric Spinel-Type Catalysts Derived from Hydrotalcites for the Simultaneous Removal of Soot and Nitrogen Oxides. <i>Science of Advanced Materials</i> , 2013, 5, 1449-1457.	0.7	9
11	Response surface modeling and optimization of electro dialysis for reclamation of RO concentrates in coal-fired power plants. <i>Separation Science and Technology</i> , 2020, 55, 2593-2603.	2.5	8
12	Catalytic Soot Oxidation Over Ce- and Cu-Doped Hydrotalcites-Derived Mesoporous Mixed Oxides. <i>Journal of Nanoscience and Nanotechnology</i> , 2014, 14, 7087-7096.	0.9	7
13	Hydrothermal Synthesis of Lanthanide Stannates Pyrochlore Nanocrystals for Catalytic Combustion of Soot Particulates. <i>Scientific World Journal</i> , The, 2015, 2015, 1-8.	2.1	6
14	MIL-53(Fe)/Al ₂ O ₃ nanocomposites incorporated cellulose acetate for forward osmosis membranes of high desalination performance. <i>Environmental Engineering Research</i> , 2023, 28, 210448-0.	2.5	3