

# 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	MIL-53(Fe)@ $\gamma$ -Al <sub>2</sub> O <sub>3</sub> nanocomposites incorporated cellulose acetate for forward osmosis membranes of high desalination performance. <i>Environmental Engineering Research</i> , 2023, 28, 210448-0.	2.5	3
2	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
3	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
4	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
5	Effect of surface and bulk palladium doping on the catalytic activity of La <sub>2</sub> Sn <sub>2</sub> O <sub>7</sub> pyrochlore oxides for diesel soot oxidation. <i>Journal of Materials Science</i> , 2019, 54, 4495-4510.	3.7	24
6	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
7	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
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	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
10	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
11	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
12	Lanthanum-promoted copper-based hydrotalcites derived mixed oxides for NO <sub>x</sub> adsorption, soot combustion and simultaneous NO <sub>x</sub> -soot removal. <i>Materials Research Bulletin</i> , 2014, 51, 119-127.	5.2	27
13	Co <sup>2+</sup> /Mn <sup>2+</sup> /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
14	Catalytic Oxidation Of Diesel Soot Over Transition Metal Doped Lanthanum Stannate Pyrochlores With A O <sub>2</sub> /No Mixture. <i>Procedia Engineering</i> , 2011, 24, 436-440.	1.2	10