

Liâ€ao Wang

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

398
citations

1163117

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1199594

12
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13
all docs

13
docs citations

13
times ranked

457
citing authors

#	ARTICLE	IF	CITATIONS
1	Bi-based photocatalysts for light-driven environmental and energy applications: Structural tuning, reaction mechanisms, and challenges. <i>EcoMat</i> , 2020, 2, e12047.	11.9	79
2	Adsorption equilibrium and thermodynamics of CO ₂ and CH ₄ on carbon molecular sieves. <i>Applied Surface Science</i> , 2017, 396, 870-878.	6.1	74
3	Co-disposal of MSWI fly ash and electrolytic manganese residue based on geopolymeric system. <i>Waste Management</i> , 2018, 82, 62-70.	7.4	55
4	Enhanced geopolymeric co-disposal efficiency of heavy metals from MSWI fly ash and electrolytic manganese residue using complex alkaline and calcining pre-treatment. <i>Waste Management</i> , 2019, 98, 135-143.	7.4	48
5	Surface modification to produce superhydrophobic hollow fiber membrane contactor to avoid membrane wetting for biogas purification under pressurized conditions. <i>Separation and Purification Technology</i> , 2018, 194, 222-230.	7.9	33
6	Carbon Dioxide Absorption from Biogas by Amino Acid Salt Promoted Potassium Carbonate Solutions in a Hollow Fiber Membrane Contactor: A Numerical Study. <i>Energy & Fuels</i> , 2018, 32, 3637-3646.	5.1	30
7	Experimental studies on carbon dioxide absorption using potassium carbonate solutions with amino acid salts. <i>Separation and Purification Technology</i> , 2019, 219, 47-54.	7.9	28
8	Exploring a New Method to Study the Effects of Surface Functional Groups on Adsorption of CO ₂ and CH ₄ on Activated Carbons. <i>Langmuir</i> , 2020, 36, 3862-3870.	3.5	28
9	The dominant microbial metabolic pathway of the petroleum hydrocarbons in the soil of shale gas field: Carbon fixation instead of CO ₂ emissions. <i>Science of the Total Environment</i> , 2022, 807, 151074.	8.0	10
10	Characterization of typical heavy metals in pyrolysis MSWI fly ash. <i>Environmental Technology (United Kingdom)</i> , 2016, 37, 222-230.	2.2	6
11	<i>Monascus pilosus</i> YX-1125: An efficient digester for directly treating ultra-high-strength liquor wastewater and producing short-chain fatty acids under multiple-stress conditions. <i>Bioresour. Technol.</i> , 2021, 331, 125050.	9.6	4
12	Application of activated carbon modified by acetic acid in adsorption and separation of CO ₂ and CH ₄ . <i>AIP Conference Proceedings</i> , 2018, , .	0.4	3
13	Leachate properties as indicators of methane production process in MSW anaerobic digestion bioreactor landfill. <i>AIP Conference Proceedings</i> , 2018, , .	0.4	0