

Lanyun Wang

List of Publications by Year in descending order

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393
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#	ARTICLE	IF	CITATIONS
1	CO ₂ and CH ₄ Sorption by Solid-State Ammonium and Imidazolium Ionic Liquids. Energy & Fuels, 2021, 35, 599-609.	5.1	6
2	Review on the ionic liquids affecting the desulfurization of coal by chemical agents. Journal of Cleaner Production, 2021, 284, 124788.	9.3	32
3	Are Ionic Liquids Suitable for Suppressing Coal Spontaneous Combustion?. ACS Omega, 2021, 6, 6681-6690.	3.5	6
4	Effect of the reignition characteristics on long-flame coal by oxidization and water immersion. Environmental Science and Pollution Research, 2021, 28, 57348-57360.	5.3	22
5	Thermal Properties and Key Groups Evolution of Low-Temperature Oxidation for Bituminous Coal under Lean-Oxygen Environment. ACS Omega, 2021, 6, 15115-15125.	3.5	10
6	Experiment Investigation of SiO ₂ Containing Amino Groups as a Kinetic Promoter for CO ₂ Hydrates. ACS Omega, 2021, 6, 19748-19756.	3.5	3
7	Characteristics for Oxygen-Lean Combustion and Residual Thermodynamics in Coalfield-Fire Zones within Axial Pressure. ACS Omega, 2020, 5, 22502-22512.	3.5	6
8	Experimental Study on Organic Sulfur Removal in Bituminous Coal by a 1-Carboxymethyl-3-methyl Imidazolium Bisulfate Ionic Liquid and Hydrogen Peroxide Solution. ACS Omega, 2020, 5, 21127-21136.	3.5	11
9	SO ₂ absorption in pure ionic liquids: Solubility and functionalization. Journal of Hazardous Materials, 2020, 392, 122504.	12.4	58
10	CO ₂ and CH ₄ sorption and selectivity by solid-state [P ₂ 4 4 4][PF ₆], [P ₄ 4 4 4][PF ₆] and [P ₆ 4 4 4][PF ₆] ionic liquids under different pressures. Fuel, 2019, 253, 139-145.	6.4	6
11	Enhanced N-doped Porous Carbon Derived from KOH-Activated Waste Wool: A Promising Material for Selective Adsorption of CO ₂ /CH ₄ and CH ₄ /N ₂ . Nanomaterials, 2019, 9, 266.	4.1	77
12	Effort of ionic liquids with [HSO ₄] ⁻ on oxidative desulphurization of coal. Canadian Journal of Chemical Engineering, 2019, 97, 1299-1306.	1.7	10
13	Desulfurization of coal using four ionic liquids with [HSO ₄] ⁻ . Fuel, 2019, 236, 1181-1190.	6.4	39
14	CO ₂ and CH ₄ Sorption by [N ₄][NTf ₂] Ionic Liquid Using Quartz Crystal Microbalance Experiments under Different Pressures. Journal of Chemical & Engineering Data, 2017, 62, 1318-1325.	1.9	6
15	CO ₂ and CH ₄ Sorption by Solid-State [P ₄][NTf ₂] Ionic Liquid Based on Quartz Crystal Microbalance Experiments under Different Pressures. Energy & Fuels, 2017, 31, 4179-4185.	5.1	8
16	Thermogravimetric Dynamics and FTIR Analysis on Oxidation Properties of Low-Rank Coal at Low and Moderate Temperatures. International Journal of Coal Preparation and Utilization, 2015, 35, 39-50.	2.1	58