

Hua Fei

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Char Structural Evolution during Pyrolysis and Its Influence on Combustion Reactivity in Air and Oxy-Fuel Conditions. <i>Energy & Fuels</i> , 2012, 26, 1565-1574.	5.1	83
2	Study on coal chars combustion under O ₂ /CO ₂ atmosphere with fractal random pore model. <i>Fuel</i> , 2011, 90, 441-448.	6.4	32
3	Development of capric acid-stearic acid-palmitic acid low-eutectic phase change material with expanded graphite for thermal energy storage. <i>Construction and Building Materials</i> , 2022, 320, 126309.	7.2	27
4	Preparation and Properties of a Composite Phase Change Energy Storage Gypsum Board Based on Capric Acid-Paraffin/Expanded Graphite. <i>ACS Omega</i> , 2021, 6, 6144-6152.	3.5	19
5	Porous-Material-Based Composite Phase Change Materials for a Lithium-Ion Battery Thermal Management System. <i>Energy & Fuels</i> , 2022, 36, 4153-4173.	5.1	18
6	The combustion reactivity of coal chars in oxyfuel atmosphere: Comparison of different random pore models. <i>Journal of Analytical and Applied Pyrolysis</i> , 2011, 91, 251-256.	5.5	15
7	MIL-101(Cr)-NH ₂ /reduced graphene oxide composite carrier enhanced thermal conductivity and stability of shape-stabilized phase change materials for thermal energy management. <i>Journal of Energy Storage</i> , 2022, 52, 104827.	8.1	15
8	Study of Phase-Transition Characteristics of New Composite Phase Change Materials of Capric Acid-Palmitic Acid/Expanded Graphite. <i>ACS Omega</i> , 2020, 5, 27522-27529.	3.5	14
9	Preparation and Energy Storage Properties of a Lauric acid/Octadecanol Eutectic Mixture. <i>ACS Omega</i> , 2021, 6, 23542-23550.	3.5	11
10	The Phase Change Characteristics of Capric Acid-based Binary Low Eutectic Mixtures Adsorbed in Expanded Graphite. <i>Energy & Fuels</i> , 2020, 34, 14893-14901.	5.1	11
11	Preparation and properties of capric acid-stearic acid-based ternary phase change materials. <i>RSC Advances</i> , 2021, 11, 24938-24948.	3.6	9
12	Structural evolution and reactivity of coal chars during combustion in oxyfuel atmosphere. <i>Asia-Pacific Journal of Chemical Engineering</i> , 2017, 12, 25-32.	1.5	5
13	Preparation and properties of lauric acid-octadecanol/expanded graphite shape-stabilized phase change energy storage material. <i>Materials Today Communications</i> , 2022, 31, 103325.	1.9	5
14	Modified Discrete Random Pore Model Considering Pore Structure Evolution to Depict Coal Chars Combustion in O ₂ /CO ₂ . <i>Energy & Fuels</i> , 2017, 31, 14280-14287.	5.1	4
15	A New Mathematical Model Study on CO ₂ Gasification Reaction of Typical Agricultural Residues. <i>Industrial & Engineering Chemistry Research</i> , 2012, 51, 13619-13626.	3.7	3
16	Preparation and Thermal Properties of a New Low Eutectic Mixture of Myristic Acid-Palmitic Acid-Tetradecanol. <i>Journal of Chemical & Engineering Data</i> , 2021, 66, 3951-3960.	1.9	2
17	Characteristic and Properties of Ternary Shape-Stabilized Composite Phase Change Materials Based on Expanded Graphite. <i>ACS Omega</i> , 2021, 6, 29215-29222.	3.5	1