

# Hua Fei

## List of Publications by Year in descending order

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17  
papers

274  
citations

933447

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h-index

940533

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docs citations

17  
times ranked

219  
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Porous-Material-Based Composite Phase Change Materials for a Lithium-Ion Battery Thermal Management System. <i>Energy &amp; Fuels</i> , 2022, 36, 4153-4173.	5.1	18
3	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
4	MIL-101(Cr)-NH <sub>2</sub> /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
5	Preparation and properties of capric acid-stearic acid-based ternary phase change materials. <i>RSC Advances</i> , 2021, 11, 24938-24948.	3.6	9
6	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
7	Preparation and Energy Storage Properties of a Lauric acid/Octadecanol Eutectic Mixture. <i>ACS Omega</i> , 2021, 6, 23542-23550.	3.5	11
8	Preparation and Thermal Properties of a New Low Eutectic Mixture of Myristic Acid-Palmitic Acid-Tetradecanol. <i>Journal of Chemical &amp; Engineering Data</i> , 2021, 66, 3951-3960.	1.9	2
9	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
10	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
11	The Phase Change Characteristics of Capric Acid-based Binary Low Eutectic Mixtures Adsorbed in Expanded Graphite. <i>Energy &amp; Fuels</i> , 2020, 34, 14893-14901.	5.1	11
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	Modified Discrete Random Pore Model Considering Pore Structure Evolution to Depict Coal Chars Combustion in O <sub>2</sub> /CO <sub>2</sub> . <i>Energy &amp; Fuels</i> , 2017, 31, 14280-14287.	5.1	4
14	Char Structural Evolution during Pyrolysis and Its Influence on Combustion Reactivity in Air and Oxy-Fuel Conditions. <i>Energy &amp; Fuels</i> , 2012, 26, 1565-1574.	5.1	83
15	A New Mathematical Model Study on CO <sub>2</sub> Gasification Reaction of Typical Agricultural Residues. <i>Industrial &amp; Engineering Chemistry Research</i> , 2012, 51, 13619-13626.	3.7	3
16	Study on coal chars combustion under O <sub>2</sub> /CO <sub>2</sub> atmosphere with fractal random pore model. <i>Fuel</i> , 2011, 90, 441-448.	6.4	32
17	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