

Ade Kurniawan

List of Publications by Year in descending order

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citing authors

#	ARTICLE	IF	CITATIONS
1	Microencapsulation of Zn-Al alloy as a new phase change material for middle-high-temperature thermal energy storage applications. <i>Applied Energy</i> , 2020, 276, 115487.	10.1	42
2	Fabrication of heat storage pellets composed of microencapsulated phase change material for high-temperature applications. <i>Applied Energy</i> , 2020, 265, 114673.	10.1	37
3	Performance analysis of packed bed latent heat storage system for high-temperature thermal energy storage using pellets composed of micro-encapsulated phase change material. <i>Energy</i> , 2022, 238, 121746.	8.8	34
4	Ga-based microencapsulated phase change material for low-temperature thermal management applications. <i>Energy Storage</i> , 2020, 2, e177.	4.3	20
5	Integrated Pyrolysis-Tar Decomposition over Low-Grade Iron Ore for Ironmaking Applications: Effects of Coal-Biomass Fuel Blending. <i>Energy & Fuels</i> , 2018, 32, 396-405.	5.1	15
6	Modified preparation of Al ₂ O ₃ @Al microencapsulated phase change material with high durability for high-temperature thermal energy storage over 650°C. <i>Solar Energy Materials and Solar Cells</i> , 2022, 237, 111540.	6.2	13
7	Catalyst-loaded micro-encapsulated phase change material for thermal control of exothermic reaction. <i>Scientific Reports</i> , 2021, 11, 7539.	3.3	11
8	Ultrafast Iron-Making Method: Carbon Combustion Synthesis from Carbon-Infiltrated Goethite Ore. <i>ACS Omega</i> , 2018, 3, 6151-6157.	3.5	10
9	Reduction of mild-dehydrated, low-grade iron ore by ethanol. <i>Fuel Processing Technology</i> , 2018, 178, 156-165.	7.2	10
10	Fabrication of Heat Storage Pellets Consisting of a Metallic Latent Heat Storage Microcapsule and an Al ₂ O ₃ @Al ₂ O ₃ @Al ₂ O ₃ Matrix. <i>ISIJ International</i> , 2020, 60, 2152-2156.	1.4	9
11	Development of Novel Microencapsulated Hybrid Latent/Chemical Heat Storage Material. <i>ACS Sustainable Chemistry and Engineering</i> , 2020, 8, 14700-14710.	6.7	8
12	Effects of reduction on the catalytic performance of limonite ore. <i>Journal of Energy Chemistry</i> , 2018, 27, 1489-1495.	12.9	7
13	Low-Temperature Synthesis of TiC from Carbon-Infiltrated, Nano-porous TiO ₂ . <i>Metallurgical and Materials Transactions B: Process Metallurgy and Materials Processing Science</i> , 2020, 51, 1958-1964.	2.1	5
14	Reaction Heat Control for Steam Reforming of Ethanol with Ni-supported Latent Heat Storage Grain. <i>Tetsu-To-Hagane/Journal of the Iron and Steel Institute of Japan</i> , 2020, 106, 534-541.	0.4	3
15	Faster Generation of Nanoporous Hematite Ore through Dehydration of Goethite under Vacuum Conditions. <i>ISIJ International</i> , 2021, 61, 493-497.	1.4	2
16	Functional surface modification of Al-Si@Al ₂ O ₃ microencapsulated phase change material. <i>Journal of Energy Storage</i> , 2022, 52, 104919.	8.1	2
17	Ironmaking Using Municipal Solid Waste (MSW) as Reducing Agent: A Preliminary Investigation on MSW Decomposition and Ore Reduction Behavior. <i>ISIJ International</i> , 2022, 62, 2491-2499.	1.4	1