Ade Kurniawan

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/7548425/publications.pdf

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17	229	1163117	996975
papers	citations	8 h-index	15 g-index

17	17	17	101
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Performance analysis of packed bed latent heat storage system for high-temperature thermal energy storage using pellets composed of micro-encapsulated phase change material. Energy, 2022, 238, 121746.	8.8	34
2	Modified preparation of Al2O3@Al microencapsulated phase change material with high durability for high-temperature thermal energy storage over 650ÂÂ°C. Solar Energy Materials and Solar Cells, 2022, 237, 111540.	6.2	13
3	Ironmaking Using Municipal Solid Waste (MSW) as Reducing Agent: A Preliminary Investigation on MSW Decomposition and Ore Reduction Behavior. ISIJ International, 2022, 62, 2491-2499.	1.4	1
4	Functional surface modification of Al-Si@Al2O3 microencapsulated phase change material. Journal of Energy Storage, 2022, 52, 104919.	8.1	2
5	Catalyst-loaded micro-encapsulated phase change material for thermal control of exothermic reaction. Scientific Reports, 2021, 11, 7539.	3.3	11
6	Faster Generation of Nanoporous Hematite Ore through Dehydration of Goethite under Vacuum Conditions. ISIJ International, 2021, 61, 493-497.	1.4	2
7	Development of Novel Microencapsulated Hybrid Latent/Chemical Heat Storage Material. ACS Sustainable Chemistry and Engineering, 2020, 8, 14700-14710.	6.7	8
8	Microencapsulation of Zn-Al alloy as a new phase change material for middle-high-temperature thermal energy storage applications. Applied Energy, 2020, 276, 115487.	10.1	42
9	Gaâ€based microencapsulated phase change material for lowâ€temperature thermal management applications. Energy Storage, 2020, 2, e177.	4.3	20
10	Fabrication of heat storage pellets composed of microencapsulated phase change material for high-temperature applications. Applied Energy, 2020, 265, 114673.	10.1	37
11	Low-Temperature Synthesis of TiC from Carbon-Infiltrated, Nano-porous TiO2. Metallurgical and Materials Transactions B: Process Metallurgy and Materials Processing Science, 2020, 51, 1958-1964.	2.1	5
12	Fabrication of Heat Storage Pellets Consisting of a Metallic Latent Heat Storage Microcapsule and an Al₂O₃ Matrix. ISIJ International, 2020, 60, 2152-2156.	1.4	9
13	Reaction Heat Control for Steam Reforming of Ethanol with Ni-supported Latent Heat Storage Grain. Tetsu-To-Hagane/Journal of the Iron and Steel Institute of Japan, 2020, 106, 534-541.	0.4	3
14	Integrated Pyrolysisâ€“Tar Decomposition over Low-Grade Iron Ore for Ironmaking Applications: Effects of Coalâ€“Biomass Fuel Blending. Energy & Fuels, 2018, 32, 396-405.	5.1	15
15	Effects of reduction on the catalytic performance of limonite ore. Journal of Energy Chemistry, 2018, 27, 1489-1495.	12.9	7
16	Ultrafast Iron-Making Method: Carbon Combustion Synthesis from Carbon-Infiltrated Goethite Ore. ACS Omega, 2018, 3, 6151-6157.	3.5	10
17	Reduction of mild-dehydrated, low-grade iron ore by ethanol. Fuel Processing Technology, 2018, 178, 156-165.	7.2	10