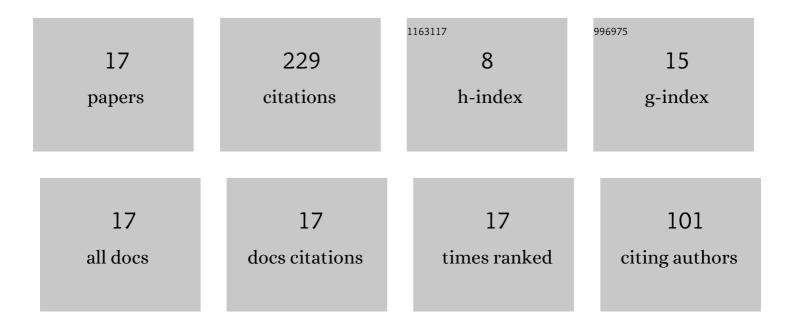
## Ade Kurniawan

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/7548425/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	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
2	Fabrication of heat storage pellets composed of microencapsulated phase change material for high-temperature applications. Applied Energy, 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. Energy, 2022, 238, 121746.	8.8	34
4	Gaâ€based microencapsulated phase change material for lowâ€temperature thermal management applications. Energy Storage, 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. Energy & Fuels, 2018, 32, 396-405.	5.1	15
6	Modified preparation of Al2O3@Al microencapsulated phase change material with high durability for high-temperature thermal energy storage over 650°C. Solar Energy Materials and Solar Cells, 2022, 237, 111540.	6.2	13
7	Catalyst-loaded micro-encapsulated phase change material for thermal control of exothermic reaction. Scientific Reports, 2021, 11, 7539.	3.3	11
8	Ultrafast Iron-Making Method: Carbon Combustion Synthesis from Carbon-Infiltrated Goethite Ore. ACS Omega, 2018, 3, 6151-6157.	3.5	10
9	Reduction of mild-dehydrated, low-grade iron ore by ethanol. Fuel Processing Technology, 2018, 178, 156-165.	7.2	10
10	Fabrication of Heat Storage Pellets Consisting of a Metallic Latent Heat Storage Microcapsule and an Al <sub>2</sub> 0 <sub>3</sub> Matrix. ISIJ International, 2020, 60, 2152-2156.	1.4	9
11	Development of Novel Microencapsulated Hybrid Latent/Chemical Heat Storage Material. ACS Sustainable Chemistry and Engineering, 2020, 8, 14700-14710.	6.7	8
12	Effects of reduction on the catalytic performance of limonite ore. Journal of Energy Chemistry, 2018, 27, 1489-1495.	12.9	7
13	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
14	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
15	Faster Generation of Nanoporous Hematite Ore through Dehydration of Goethite under Vacuum Conditions. ISIJ International, 2021, 61, 493-497.	1.4	2
16	Functional surface modification of Al-Si@Al2O3 microencapsulated phase change material. Journal of Energy Storage, 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. ISIJ International, 2022, 62, 2491-2499.	1.4	1