

Sunhua Deng

List of Publications by Year in descending order

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20
papers

283
citations

840776

11
h-index

888059

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all docs

20
docs citations

20
times ranked

194
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of hydrothermal pretreatment on product distribution and characteristics of oil produced by the pyrolysis of Huadian oil shale. <i>Energy Conversion and Management</i> , 2017, 143, 505-512.	9.2	34
2	Sub-critical water extraction of bitumen from Huadian oil shale lumps. <i>Journal of Analytical and Applied Pyrolysis</i> , 2012, 98, 151-158.	5.5	30
3	Subcritical Water Extraction of Huadian Oil Shale at 300 °C. <i>Energy & Fuels</i> , 2019, 33, 2106-2114.	5.1	29
4	Behavior, kinetic and product characteristics of the pyrolysis of oil shale catalyzed by cobalt-montmorillonite catalyst. <i>Fuel</i> , 2020, 269, 117468.	6.4	27
5	Subcritical Water Extraction of Huadian Oil Shale under Isothermal Condition and Pyrolysate Analysis. <i>Energy & Fuels</i> , 2014, 28, 2305-2313.	5.1	25
6	The enhancement on oil shale extraction of FeCl ₃ catalyst in subcritical water. <i>Energy</i> , 2022, 238, 121763.	8.8	19
7	Experimental investigation on performance of downhole electric heaters with continuous helical baffles used in oil shale in-situ pyrolysis. <i>Applied Thermal Engineering</i> , 2019, 147, 1024-1035.	6.0	17
8	Extraction of Huadian oil shale in subcritical FeCl ₂ solution. <i>Fuel Processing Technology</i> , 2021, 211, 106571.	7.2	16
9	Preliminary Study on Copyrolysis of Spent Mushroom Substrate as Biomass and Huadian Oil Shale. <i>Energy & Fuels</i> , 2016, 30, 6342-6349.	5.1	15
10	Non-isothermal thermogravimetric analysis of pyrolysis kinetics of four oil shales using Sestak-Berggren method. <i>Journal of Thermal Analysis and Calorimetry</i> , 2019, 135, 2287-2296.	3.6	15
11	Enhanced pyrolysis of Huadian oil shale at high temperature in the presence of water and air atmosphere. <i>Journal of Petroleum Science and Engineering</i> , 2022, 215, 110623.	4.2	12
12	Organic Geochemical Characteristics of the Upper Cretaceous Qingshankou Formation Oil Shales in the Fuyu Oilfield, Songliao Basin, China: Implications for Oil-Generation Potential and Depositional Environment. <i>Energies</i> , 2019, 12, 4778.	3.1	11
13	Studies on the co-pyrolysis characteristics of oil shale and spent oil shale. <i>Journal of Thermal Analysis and Calorimetry</i> , 2016, 123, 1707-1714.	3.6	10
14	Thermal Behavior of Oil Shale Pyrolysis under Low-Temperature Co-Current Oxidizing Conditions. <i>ACS Omega</i> , 2021, 6, 18074-18083.	3.5	7
15	Pore Evolution of Oil Shale during Sub-Critical Water Extraction. <i>Energies</i> , 2018, 11, 842.	3.1	6
16	Multi-objective simultaneous prediction of waterborne coating properties. <i>Journal of Mathematical Chemistry</i> , 2009, 46, 1050-1059.	1.5	3
17	Effects of Packer Locations on Downhole Electric Heater Performance: Experimental Test and Economic Analysis. <i>Energies</i> , 2020, 13, 377.	3.1	2
18	Constrain on Oil Recovery Stage during Oil Shale Subcritical Water Extraction Process Based on Carbon Isotope Fractionation Character. <i>Energies</i> , 2021, 14, 7839.	3.1	2

#	ARTICLE	IF	CITATIONS
19	Numerical Simulation Analysis of Heating Effect of Downhole Methane Catalytic Combustion Heater under High Pressure. <i>Energies</i> , 2022, 15, 1186.	3.1	2
20	Carbon Isotope Fractionation Characteristics during the Oil Shale Water Extraction Process and Its Implications. <i>Energy & Fuels</i> , 2022, 36, 2993-3002.	5.1	1