

Dandan Yuan

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

416
citations

840776

11
h-index

794594

19
g-index

23
all docs

23
docs citations

23
times ranked

306
citing authors

#	ARTICLE	IF	CITATIONS
1	One-pot synthesis of nanostructured carbon materials from carbon dioxide via electrolysis in molten carbonate salts. <i>Carbon</i> , 2016, 106, 208-217.	10.3	105
2	A novel route to synthesize carbon spheres and carbon nanotubes from carbon dioxide in a molten carbonate electrolyzer. <i>Inorganic Chemistry Frontiers</i> , 2018, 5, 208-216.	6.0	43
3	A New Technology for Efficient, High Yield Carbon Dioxide and Water Transformation to Methane by Electrolysis in Molten Salts. <i>Advanced Materials Technologies</i> , 2016, 1, 1600092.	5.8	37
4	Effect of molten carbonate composition on the generation of carbon material. <i>RSC Advances</i> , 2017, 7, 8467-8473.	3.6	35
5	Fully solar-driven thermo- and electrochemistry for advanced oxidation processes (STEP-AOPs) of 2-nitrophenol wastewater. <i>Chemosphere</i> , 2016, 154, 604-612.	8.2	34
6	Renewable and high efficient syngas production from carbon dioxide and water through solar energy assisted electrolysis in eutectic molten salts. <i>Journal of Power Sources</i> , 2017, 362, 92-104.	7.8	23
7	Syngas production: diverse H ₂ /CO range by regulating carbonates electrolyte composition from CO ₂ /H ₂ O via co-electrolysis in eutectic molten salts. <i>RSC Advances</i> , 2017, 7, 52414-52422.	3.6	21
8	The optimization of electrolyte composition for CH ₄ and H ₂ generation via CO ₂ /H ₂ O co-electrolysis in eutectic molten salts. <i>International Journal of Hydrogen Energy</i> , 2019, 44, 5082-5089.	7.1	21
9	Amino-modified molecular sieves for adsorptive removal of H ₂ S from natural gas. <i>RSC Advances</i> , 2018, 8, 38124-38130.	3.6	19
10	A comparative study of electrodes in the direct synthesis of CH ₄ from CO ₂ and H ₂ O in molten salts. <i>International Journal of Hydrogen Energy</i> , 2017, 42, 18156-18164.	7.1	17
11	Carbon dioxide electrolysis and carbon deposition in alkaline-earth-carbonate-included molten salts electrolyzer. <i>New Journal of Chemistry</i> , 2018, 42, 15663-15670.	2.8	14
12	Effect of CaCO ₃ addition on the electrochemical generation of syngas from CO ₂ /H ₂ O in molten salts. <i>International Journal of Hydrogen Energy</i> , 2017, 42, 18165-18173.	7.1	11
13	Solar Thermo-coupled Electrochemical Oxidation of Aniline in Wastewater for the Complete Mineralization Beyond an Anodic Passivation Film. <i>Scientific Reports</i> , 2018, 8, 3103.	3.3	8
14	Facile Synthesis of Capacitive Carbon Materials via Electrolyzing Carbonates Eutectic with Varying Metallic Anodes. <i>Journal of the Electrochemical Society</i> , 2018, 165, D612-D619.	2.9	8
15	Synthesis of highly dispersed phosphotungstic acid encapsulated in MIL-100(Fe) catalyst and its performance in heterogeneous oxidative desulfurization. <i>Chemical Engineering Communications</i> , 2019, 206, 1706-1714.	2.6	8
16	Platinum decorated hierarchical top-porous/bottom-tubular TiO ₂ arrays for enhanced gas phase photocatalytic activity. <i>RSC Advances</i> , 2014, 4, 19533-19537.	3.6	7
17	Effect of preparation temperature on the structures and hydrodeoxygenation performance of Ni ₂ P/C catalysts prepared by decomposition of hypophosphites. <i>New Journal of Chemistry</i> , 2018, 42, 19917-19923.	2.8	3
18	Framework, chemical model, and efficiency analysis of solar multifield-driven hybrid chemical utilization for splitting environmentally stable molecules to energetic molecules. <i>Ionics</i> , 2021, 27, 5339-5346.	2.4	1

#	ARTICLE	IF	CITATIONS
19	Screening Study on Rheological Behavior and Phase Transition Point of Polymer-containing Fluids produced under the Oil Freezing Point Temperature. <i>Open Chemistry</i> , 2019, 17, 1442-1448.	1.9	1
20	Reactive Sputtering of Plasmonic Pt/ZnO Films for Decomposition of Gas-Phase Methanol under Visible Light. <i>ChemPlusChem</i> , 2015, 80, 1716-1720.	2.8	0
21	ClO ₂ -oxidation-based demulsification of oil-water transition layer in oilfields: An experimental study. <i>Journal of Advanced Oxidation Technologies</i> , 2017, 20, .	0.5	0
22	A Novel Mycelial Pellet Enhanced by Activated Carbon for Eriochrome Black T-containing Wastewater Treatment. <i>Recent Innovations in Chemical Engineering</i> , 2018, 11, 4-14.	0.4	0
23	Solar engineering of wastewater treatment for full mineralization of organic pollutants. <i>Environmental Technology (United Kingdom)</i> , 2021, , 1-11.	2.2	0