Ya-ming Zhu

List of Publications by Year
in descending order

21	356	933447 10	839539 18
papers	citations	h-index	g-index

21	21	21	175
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Preparation and Characterization of Coal Pitch-Based Needle Coke (Part I): The Effects of Aromatic Index (f_a) in Refined Coal Pitch. Energy & Fuels, 2019, 33, 3456-3464.	5.1	62
2	Preparation and Characterization of Coal Pitch-Based Needle Coke (Part II): The Effects of Î² Resin in Refined Coal Pitch. Energy & Fuels, 2020, 34, 2126-2134.	5.1	41
3	Preparation and Characterization of Coal-Pitch-Based Needle Coke (Part III): The Effects of Quinoline Insoluble in Coal Tar Pitch. Energy & Fuels, 2020, 34, 8676-8684.	5.1	38
4	Differences and correlations between microstructure and macroscopic properties of mesophase cokes derived from the components of high temperature coal tar pitch. Fuel, 2022, 310, 122330.	6.4	32
5	On-off-on nanosensors of carbon quantum dots derived from coal tar pitch for the detection of Cu2+, Fe3+, and L-ascorbic acid. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2021, 250, 119325.	3.9	28
6	Properties and micro-morphology of primary quinoline insoluble and mesocarbon microbeads. Journal of Materials Science, 2016, 51, 8098-8107.	3.7	26
7	Significant enhancement of the oxygen reduction activity of self-heteroatom doped coal derived carbon through oxidative pretreatment. Electrochimica Acta, 2019, 312, 22-30.	5.2	21
8	Electrochemical performance of porous carbons derived from needle coke with different textures for supercapacitor electrode materials. Carbon Letters, 2021, 31, 57-65.	5.9	20
9	Changes in structure of coal liquefied pitch during liquid-phase carbonization process. Carbon Letters, 2019, 29, 37-45.	5.9	16
10	Preparation and characterization of mosaic coke from heavyâ€phase coal pitch. Asia-Pacific Journal of Chemical Engineering, 2019, 14, e2369.	1.5	13
11	Atomic Cu dispersed ZIF-8 derived N-doped carbon for high-performance oxygen electrocatalysis in Zn-air battery. JPhys Materials, 2021, 4, 024006.	4.2	12
12	Thermal Conversion Behavior of Mediumâ€“Lowâ€“Temperature Coal Tar Pitch During Liquidâ€“Phase Carbonization Process. ChemistrySelect, 2019, 4, 11886-11892.	1.5	8
13	Preparation and characterization of pitch coke from oxidized polymerized pitch. Asia-Pacific Journal of Chemical Engineering, 2020, 15, e2497.	1.5	8
14	Transformation of microstructure of coalâ€based and petroleumâ€based needle coke: Effects of calcination temperature. Asia-Pacific Journal of Chemical Engineering, 2021, 16, e2674.	1.5	8
15	Co-carbonization of single coking coal and pyrolytic extracts from datong long-flame coal. Metallurgical Research and Technology, 2019, 116, 115.	0.7	6
16	Synthesis and characterization of mesophase coke from mediumâ€“lowâ€temperature coal tar pitch modified by highâ€pressure thermal polymerization. Asia-Pacific Journal of Chemical Engineering, 2021, 16, e2643.	1.5	6
17	Preparation of N/O-codoped quinoline pitch-based porous carbons for high-quality supercapacitor electrodes. New Journal of Chemistry, 2022, 46, 5266-5277.	2.8	5
18	Preparation and characterization of spinnable pitch for generalâ€purpose carbon fiber from refined pitch. Journal of Applied Polymer Science, 2019, 136, 47880.	2.6	4

#	Article	IF	Citations
19	Thermal conversion mechanism and thermodynamics of mixed oil in coalâ€based needle coke production. Asia-Pacific Journal of Chemical Engineering, 2019, 14, e2356.	1.5	1
20	Rheological characteristic of impregnating pitch from modified pitch. Journal of Thermal Analysis and Calorimetry, 2019, 137, 343-350.	3.6	1
21	Synthesis and Characterization of Needle Coke Produced from Thermal Modified Ethylene Residue Pitch. Energy Sources, Part A: Recovery, Utilization and Environmental Effects, 0, , 1-15.	2.3	0