

# Huirong Zhang

## List of Publications by Year in descending order

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11  
papers

216  
citations

933447

10  
h-index

1281871

11  
g-index

11  
all docs

11  
docs citations

11  
times ranked

133  
citing authors

#	ARTICLE	IF	CITATIONS
1	Behavior of Minerals in Typical Shanxi Coking Coal during Pyrolysis. <i>Energy &amp; Fuels</i> , 2015, 29, 6912-6919.	5.1	39
2	Comprehensive evaluation of inherent mineral composition and carbon structure parameters on CO <sub>2</sub> reactivity of metallurgical coke. <i>Fuel</i> , 2019, 235, 647-657.	6.4	26
3	Cost-effective activated carbon (AC) production from partial substitution of coal with red mud (RM) as additive for SO <sub>2</sub> and NO <sub>x</sub> abatement at low temperature. <i>Fuel</i> , 2021, 293, 120448.	6.4	25
4	Role of inherent pyrite in coal on physicochemical structure of activated carbon and adsorption capacity. <i>Fuel</i> , 2020, 262, 116527.	6.4	22
5	Activation mechanisms on potassium hydroxide enhanced microstructures development of coke powder. <i>Chinese Journal of Chemical Engineering</i> , 2020, 28, 299-306.	3.5	19
6	Recirculating coking by-products and waste for cost-effective activated carbon (AC) production and its application for treatment of SO <sub>2</sub> and wastewater in coke-making plant. <i>Journal of Cleaner Production</i> , 2021, 280, 124375.	9.3	19
7	Activated carbon preparation with the addition of coke-making by-product "coke powder: Texture evolution and mechanism. <i>Journal of Cleaner Production</i> , 2019, 237, 117812.	9.3	18
8	Indispensable role of inherent calcite in coal on activated carbon (AC)'s preparation and applications. <i>Fuel</i> , 2021, 287, 119481.	6.4	18
9	Coke powder improving the performance of desulfurized activated carbon from the cyclic thermal regeneration. <i>Chemical Engineering Journal</i> , 2022, 448, 137459.	12.7	16
10	Enhanced SO <sub>2</sub> and Rhodamine B Removal by Blending Coke-Making Waste Benzene Residue (BR) for Pelletized Activated Coke (PAC) Production and Mechanisms. <i>Energy &amp; Fuels</i> , 2019, 33, 5173-5181.	5.1	13
11	Carbothermal reactions of tobelite with coal char at high temperatures under N <sub>2</sub> atmosphere. <i>Journal of Analytical and Applied Pyrolysis</i> , 2019, 137, 220-226.	5.5	1