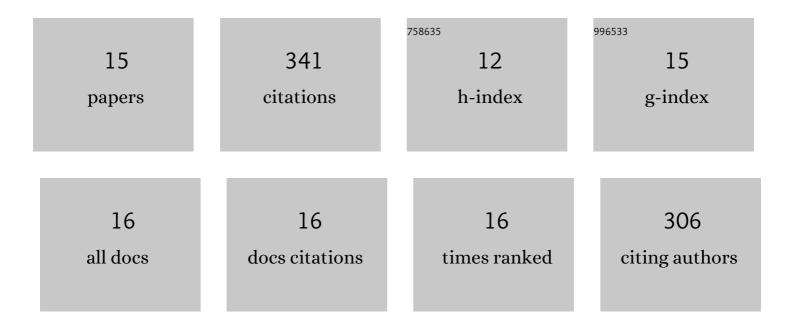
Shuai Gao

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Preparation of nano-biochar from conventional biorefineries for high-value applications. Renewable and Sustainable Energy Reviews, 2022, 157, 112057.	8.2	35
2	Binder-free mechanochemical metal–organic framework nanocrystal coatings. Nanoscale, 2022, 14, 2221-2229.	2.8	11
3	Methane internal steam reforming in solid oxide fuel cells at intermediate temperatures. International Journal of Hydrogen Energy, 2022, 47, 13969-13979.	3.8	11
4	Co-adsorption capabilities and mechanisms of bentonite enhanced sludge biochar for de-risking norfloxacin and Cu2+ contaminated water. Chemosphere, 2022, 299, 134414.	4.2	23
5	Copper single-atom catalyst as a high-performance electrocatalyst for nitrate-ammonium conversion. Journal of Hazardous Materials, 2022, 434, 128892.	6.5	34
6	Unveiling the effects of dimensionality of tin oxide-derived catalysts on CO ₂ reduction by using gas-diffusion electrodes. Reaction Chemistry and Engineering, 2021, 6, 345-352.	1.9	20
7	Influence of porosity on the reactivity of inertinite and vitrinite toward sodium hypochlorite: Implications for enhancing coal seam gas development. International Journal of Coal Geology, 2021, 237, 103709.	1.9	12
8	Cobalt Electrochemical Recovery from Lithium Cobalt Oxides in Deep Eutectic Choline Chloride+Urea Solvents. ChemSusChem, 2021, 14, 2972-2983.	3.6	33
9	Carbonaceous Materials Coated Carbon Fibre Reinforced Polymer Matrix Composites. Polymers, 2021, 13, 2771.	2.0	22
10	Reversible Torsional Actuation of Hydrogel Filled Multifilament Fibre Actuator. Actuators, 2021, 10, 244.	1.2	3
11	Carbon Monoliths by Assembling Carbon Spheres for Gas Adsorption. Industrial & Engineering Chemistry Research, 2019, 58, 4957-4969.	1.8	14
12	Effect of rheological properties of mesophase pitch and coal mixtures on pore development in activated carbon discs with high compressive strength. Fuel Processing Technology, 2018, 177, 219-227.	3.7	19
13	Effect of sonication and hydrogen peroxide oxidation of carbon nanotube modifiers on the microstructure of pitch-derived activated carbon foam discs. Carbon, 2017, 124, 142-151.	5.4	24
14	Activated carbon derived from bio-waste hemp hurd and retted hemp hurd for CO2 adsorption. Composites Communications, 2017, 5, 27-30.	3.3	35
15	The preparation of activated carbon discs from tar pitch and coal powder for adsorption of CO 2 , CH 4 and N 2. Microporous and Mesoporous Materials, 2017, 238, 19-26.	2.2	45