Giacomo de Falco

List of Publications by Year in descending order

10 papers	480 citations	1040056 9 h-index	1372567 10 g-index
10 all docs	10 docs citations	10 times ranked	457 citing authors

#	Article	IF	Citations
1	Bifunctional ZnO-MgO/activated carbon adsorbents boost H2S room temperature adsorption and catalytic oxidation. Applied Catalysis B: Environmental, 2020, 266, 118674.	20.2	109
2	ZnFe2O4/activated carbon as a regenerable adsorbent for catalytic removal of H2S from air at room temperature. Chemical Engineering Journal, 2020, 394, 124906.	12.7	86
3	Synergic effect of Zn and Cu oxides dispersed on activated carbon during reactive adsorption of H2S at room temperature. Microporous and Mesoporous Materials, 2018, 257, 135-146.	4.4	78
4	Role of sulfur and nitrogen surface groups in adsorption of formaldehyde on nanoporous carbons. Carbon, 2018, 138, 283-291.	10.3	74
5	A New Generation of Surface Active Carbon Textiles As Reactive Adsorbents of Indoor Formaldehyde. ACS Applied Materials & Interfaces, 2018, 10, 8066-8076.	8.0	60
6	Support features govern the properties of the active phase and the performance of bifunctional ZnFe2O4-based H2S adsorbents. Carbon, 2020, 169, 327-337.	10.3	21
7	Proposing an unbiased oxygen reduction reaction onset potential determination by using a Savitzky-Golay differentiation procedure. Journal of Colloid and Interface Science, 2021, 586, 597-600.	9.4	20
8	Alternative view of oxygen reduction on porous carbon electrocatalysts: The substance of complex oxygen-surface interactions. IScience, 2021, 24, 102216.	4.1	13
9	Oxygen adsorption in pores promotes its reduction on metal-free carbon catalysts: A case of carbon blacks. Carbon, 2022, 189, 230-239.	10.3	11
10	Pyrolyzed biosolid surface features promote a highly efficient oxygen reduction reaction. Green Chemistry, 2020, 22, 7858-7870.	9.0	8