

Nana Peng

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

1,141
citations

567281

15
h-index

752698

20
g-index

20
all docs

20
docs citations

20
times ranked

1265
citing authors

#	ARTICLE	IF	CITATIONS
1	Facile one-pot synthesis of iron nanoparticles immobilized into the porous hydrochar for catalytic decomposition of phenol. <i>Applied Catalysis B: Environmental</i> , 2017, 204, 566-576.	20.2	129
2	Hydrogen-rich gas production by steam gasification of hydrochar derived from sewage sludge. <i>International Journal of Hydrogen Energy</i> , 2016, 41, 3363-3372.	7.1	125
3	Enhanced adsorption of Pb(II) onto modified hydrochar: Modeling and mechanism analysis. <i>Bioresource Technology</i> , 2019, 288, 121593.	9.6	125
4	Co-hydrothermal carbonization of lignocellulosic biomass and swine manure: Hydrochar properties and heavy metal transformation behavior. <i>Bioresource Technology</i> , 2018, 266, 242-248.	9.6	122
5	Co-hydrothermal carbonization of corn stalk and swine manure: Combustion behavior of hydrochar by thermogravimetric analysis. <i>Bioresource Technology</i> , 2019, 271, 75-83.	9.6	97
6	Hydrochar supported bimetallic Ni-Fe nanocatalysts with tailored composition, size and shape for improved biomass steam reforming performance. <i>Green Chemistry</i> , 2018, 20, 2788-2800.	9.0	85
7	Pyrolysis kinetics and thermodynamic parameters of the hydrochars derived from co-hydrothermal carbonization of sawdust and sewage sludge using thermogravimetric analysis. <i>Bioresource Technology</i> , 2019, 282, 133-141.	9.6	75
8	Properties of hydrochars derived from swine manure by CaO assisted hydrothermal carbonization. <i>Journal of Environmental Management</i> , 2019, 233, 440-446.	7.8	63
9	Immobilization of heavy metals in contaminated soils by modified hydrochar: Efficiency, risk assessment and potential mechanisms. <i>Science of the Total Environment</i> , 2019, 685, 1201-1208.	8.0	58
10	Gasification performance of the hydrochar derived from co-hydrothermal carbonization of sewage sludge and sawdust. <i>Energy</i> , 2019, 173, 732-739.	8.8	50
11	Removal of azo dye by a highly graphitized and heteroatom doped carbon derived from fish waste: Adsorption equilibrium and kinetics. <i>Journal of Environmental Management</i> , 2016, 182, 446-454.	7.8	48
12	Highly dispersed nickel nanoparticles supported on hydrochar for hydrogen-rich syngas production from catalytic reforming of biomass. <i>Energy Conversion and Management</i> , 2019, 183, 474-484.	9.2	48
13	Heteroatom tri-doped porous carbon derived from waste biomass as Pt-free counter electrode in dye-sensitized solar cells. <i>RSC Advances</i> , 2018, 8, 18427-18433.	3.6	29
14	Facile and green synthesis of highly dispersed tar-based heterogeneous Fenton catalytic nanoparticles for the degradation of methylene blue. <i>Journal of Cleaner Production</i> , 2020, 246, 119033.	9.3	22
15	Thermal behavior of hydrochar from co-hydrothermal carbonization of swine manure and sawdust: effect of process water recirculation. <i>Sustainable Energy and Fuels</i> , 2019, 3, 2329-2336.	4.9	17
16	Formation and toxicity of polycyclic aromatic hydrocarbons during CaO assisted hydrothermal carbonization of swine manure. <i>Waste Management</i> , 2019, 100, 84-90.	7.4	16
17	Hydrochar-Supported Bimetallic Ni-Cu Nanocatalysts for Sustainable H ₂ Production. <i>ACS Applied Nano Materials</i> , 2019, 2, 7279-7289.	5.0	12
18	Synthesis of biomass tar-derived foams through spontaneous foaming for ultra-efficient herbicide removal from aqueous solution. <i>Science of the Total Environment</i> , 2019, 673, 110-119.	8.0	12

#	ARTICLE	IF	CITATIONS
19	Ni/Hydrochar Nanostructures Derived from Biomass as Catalysts for H ₂ Production through Aqueous-Phase Reforming of Methanol. ACS Applied Nano Materials, 2021, 4, 8958-8971.	5.0	6
20	Enhanced Low-temperature Catalytic Decomposition Performance of Naphthalene over Hydrothermal Carbon-based Nanomaterials with a Hierarchical Heterostructure. ACS Applied Energy Materials, 2022, 5, 8717-8730.	5.1	2