

Bo Zhao

List of Publications by Year in descending order

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27
papers

984
citations

567281

15
h-index

580821

25
g-index

27
all docs

27
docs citations

27
times ranked

1015
citing authors

#	ARTICLE	IF	CITATIONS
1	Polycyclic aromatic hydrocarbon (PAHs) geographical distribution in China and their source, risk assessment analysis. <i>Environmental Pollution</i> , 2019, 251, 312-327.	7.5	177
2	The N-doped activated carbon derived from sugarcane bagasse for CO ₂ adsorption. <i>Industrial Crops and Products</i> , 2019, 128, 290-297.	5.2	155
3	Elemental mercury oxidation over manganese-based perovskite-type catalyst at low temperature. <i>Chemical Engineering Journal</i> , 2016, 288, 701-710.	12.7	104
4	Thermal degradation of medical plastic waste by in-situ FTIR, TG-MS and TG-GC/MS coupled analyses. <i>Journal of Analytical and Applied Pyrolysis</i> , 2018, 136, 132-145.	5.5	85
5	Study on the structure-activity relationship of Fe-Mn oxide catalysts for chlorobenzene catalytic combustion. <i>Chemical Engineering Journal</i> , 2020, 395, 125172.	12.7	83
6	Catalytic oxidation of elemental mercury by Mn-Mo/CNT at low temperature. <i>Chemical Engineering Journal</i> , 2016, 284, 1233-1241.	12.7	72
7	Effect of H ₂ O and SO ₂ on the distribution characteristics of trace elements in particulate matter at high temperature under oxy-fuel combustion. <i>International Journal of Greenhouse Gas Control</i> , 2014, 23, 51-60.	4.6	45
8	Effect of molybdenum on mercury oxidized by V ₂ O ₅ -MoO ₃ /TiO ₂ catalysts. <i>Chemical Engineering Journal</i> , 2014, 253, 508-517.	12.7	40
9	Non-thermal plasma enhanced dry reforming of CH ₄ with CO ₂ over activated carbon supported Ni catalysts. <i>Molecular Catalysis</i> , 2019, 475, 110486.	2.0	38
10	Efficient and stable degradation of chlorobenzene over a porous iron-manganese oxide supported ruthenium catalyst. <i>Catalysis Science and Technology</i> , 2020, 10, 7203-7216.	4.1	23
11	Ni@HC Core-Shell Structured Catalysts for Dry Reforming of Methane and Carbon Dioxide. <i>Catalysis Letters</i> , 2019, 149, 3224-3237.	2.6	21
12	Iron Oxide as a Promoter for Toluene Catalytic Oxidation Over Fe-Mn-Al ₂ O ₃ Catalysts. <i>Catalysis Letters</i> , 2020, 150, 802-814.	2.6	21
13	Non-thermal plasma-enhanced dry reforming of methane and CO ₂ over Ce-promoted Ni/C catalysts. <i>Molecular Catalysis</i> , 2020, 485, 110821.	2.0	21
14	The kinetics of typical medical waste pyrolysis based on gaseous evolution behaviour in a micro-fluidised bed reactor. <i>Waste Management and Research</i> , 2018, 36, 1073-1082.	3.9	20
15	Insights into the Inhibitory Effect of H ₂ O on Hg-Catalytic Oxidation over the MnO _x -Based Catalysts. <i>ChemistrySelect</i> , 2019, 4, 3259-3265.	1.5	16
16	Impact of individual flue gas components on mercury oxidation over a V ₂ O ₅ -MoO ₃ /TiO ₂ catalyst. <i>New Journal of Chemistry</i> , 2018, 42, 20190-20196.	2.8	15
17	Preparation of high-performance toluene adsorbents by sugarcane bagasse carbonization combined with surface modification. <i>RSC Advances</i> , 2020, 10, 23749-23758.	3.6	10
18	A prediction of arsenic and selenium emission during the process of bituminous and lignite coal co-combustion. <i>Chemical Papers</i> , 2020, 74, 2079-2089.	2.2	10

#	ARTICLE	IF	CITATIONS
19	Effect of coal moisture content on coke's quality and yields of products during coal carbonization. Journal of Central South University, 2019, 26, 3225-3237.	3.0	6
20	Effect of Molybdenum on the Activity Temperature Enlarging of Mn-Based Catalyst for Mercury Oxidation. Catalysts, 2020, 10, 147.	3.5	4
21	A Model for Predicting Arsenic Volatilization during Coal Combustion Based on the Ash Fusion Temperature and Coal Characteristic. Energies, 2021, 14, 334.	3.1	4
22	In-situ reaction between arsenic/selenium and minerals in fly ash at high temperature during blended coal combustion. Journal of Fuel Chemistry and Technology, 2020, 48, 1356-1364.	2.0	4
23	One-Pot Hydrothermal Synthesis for a Manganese Oxide Molecular Sieve for Application in Mercury Removal in Chloride-Free Flue Gas. ChemistrySelect, 2022, 7, .	1.5	4
24	Comparison of porous and nonporous alumina bed materials for PAHs formation during plastic waste fluidized-bed incineration. Journal of the Energy Institute, 2020, 93, 1773-1780.	5.3	3
25	Nanoscale Ni enveloped in hydrochar prepared by one-step hydrothermal method for dry reforming of CH ₄ with CO ₂ . Molecular Catalysis, 2021, 514, 111869.	2.0	3
26	Physiochemical structure of semicoke derived from co-carbonization of coal and sawdust blends. International Journal of Energy Research, 0, , .	4.5	0
27	Kinetics Analysis of the NH ₃ -SCR Denitration Reaction over Sintered Ore Catalysts. Energies, 2022, 15, 4522.	3.1	0