

发表科技论文情况

序号	论文题目	刊名	发表日期	卷(期): 页码	收录类别	第一作者	通讯作者
1	One-step rapid pyrolysis activation method to prepare nanostructured activated coke powder	FUEL	2020	262: 116514	SCI	付加鹏	程星星
2	Pore structure and VOCs adsorption characteristics of activated coke powders derived via one-step rapid pyrolysis activation method	ASIA-PACIFIC JOURNAL OF CHEMICAL ENGINEERING	2020	15	SCI	付加鹏	程星星
3	Investigation on NO reduction by CO and H ₂ over metal oxide catalysts Cu(2)M(9)CeO _x	INTERNATIONAL JOURNAL OF HYDROGEN ENERGY	2020	45	SCI	杜倩文	程星星
4	Nitrogen oxides reduction by liquid petroleum gas over Co-Ce-Ti catalysts in a simulated rotary reactor	JOURNAL OF THE ENERGY INSTITUTE	2020	93	SCI	程星星	程星星
5	Effects of temperature, oxygen and steam on pore structure characteristics of coconut husk activated carbon powders prepared by one-step rapid pyrolysis activation process	BIORESOURCE TECHNOLOGY	2020	310	SCI	付加鹏	程星星
6	NO _x reduction by CO over Fe/ZSM-5: A comparative study of different preparation techniques	INTERNATIONAL JOURNAL OF CHEMICAL REACTOR ENGINEERING	2020	18	SCI	李建杰	程星星
7	Comparative chemical analysis of pyrolyzed bio oil using online TGA-FTIR and GC-MS	JOURNAL OF ANALYTICAL AND APPLIED PYROLYSIS	2020	150	SCI	Tahir, Mudassir Hussain	程星星

8	Simulation study on novel groove separator in a dual-loop wet flue gas desulfurization spray tower	ASIA-PACIFIC JOURNAL OF CHEMICAL ENGINEERING	2020	15(4):1-11	SCI	崔琳	崔琳
9	Characteristics of HCl Release and SO ₂ /NO _x Absorption in Desulfurization Wastewater Evaporation Using Hot Flue Gas	ENERGY & FUELS	2020	34(7):8516-8525	SCI	崔琳	崔琳
10	Life cycle assessment of ultra-low treatment for steel industry sintering flue gas emissions	SCIENCE OF THE TOTAL ENVIRONMENT	2020	725:138292	SCI	崔琳	崔琳
11	Evaporation and dry products characteristics of charged desulfurization wastewater	Meitan Xuebao/Journal of the China Coal Society	2020	45(8):2987-2994	EI	张秋双	崔琳
12	H ₂ S-Selective Catalytic Oxidation to Sulfur over Iron Oxide Sorbent Supported on Semi-Coke	ENERGY & FUELS	2020	34(2): 2315-2322	SCI	张肖阳	董勇
13	Regeneration performance of activated coke for elemental mercury removal by microwave and thermal methods	FUEL PROCESSING TECHNOLOGY	2020	19	SCI	安东海	董勇
14	Investigation on mercury removal and recovery based on enhanced adsorption by activated coke	Journal of Hazardous Materials	2020	384	SCI	安东海	董勇
15	Evaluation of the controlled condensation method for flue gas SO ₃ /H ₂ SO ₄ measurement	FUEL PROCESSING TECHNOLOGY	2020	206: 106461	SCI	左午俊	李玉忠
16	Review of flue gas Acid dew-point and related low temperature corrosion	JOURNAL OF THE ENERGY INSTITUTE	2020	93(4):1666-1677	SCI	左午俊	李玉忠
17	Collection of particles on cold surfaces: a review	INDUSTRIAL & ENGINEERING CHEMISTRY RESEARCH	2020	59(38):16493-16506	SCI	张肖宇	李玉忠
18	Characteristics of condensable particulate matter discharging from a one-dimensional flame furnace firing lignite	FUEL	2020	277: 118198	SCI	冯玉鹏	李玉忠

19	Efficient generation of hydrogen by two-step thermochemical cycles: Successive thermal reduction and water splitting reactions using equal-power microwave irradiation and a high entropy material	APPLIED ENERGY	2020	279: 115777	SCI	高一博	毛岩鹏
20	Hydrogen production via a two-step water splitting thermochemical cycle based on metal oxide - A review	APPLIED ENERGY	2020	267	SCI	毛岩鹏	毛岩鹏
21	Pretreatment of municipal solid waste incineration fly ash and preparation of solid waste source sulphoaluminate cementitious material	JOURNAL OF HAZARDOUS MATERIALS	2020	385	SCI	毛岩鹏	毛岩鹏
22	Study on the evolution of internal and external water of lignite during microwave drying and the moisture reabsorption characteristics of dried lignite	Energy Sources, Part A: Recovery, Utilization, and Environmental Effects	2020	1-18	SCI	姚连升	宋占龙
23	Study on the demulsification of refinery oily sludge enhanced by microwave irradiation	FUEL	2020	279:118417	SCI	吕旭	宋占龙
24	Reduction of SO ₂ to elemental sulfur with carbon materials through electrical and microwave heating methods	CHEMICAL ENGINEERING AND PROCESSING-PROCESS INTENSIFICATION	2020	150: 107877	SCI	夏霄	宋占龙
25	Hydrophobic design of adsorbent for VOC removal in humid environment and quick regeneration by microwave	MICROPOROUS AND MESOPOROUS MATERIALS	2020	294: 109869	SCI	吕昱亭	孙静
26	Review of Energy Analysis and Life Cycle Assessment: Coupling Development Perspective	Sustianability	2020	12(1):367	SCI	王庆松	王庆松
27	Evaluation and countermeasures of sustainable development for urban energy-economy-environment system: A case study of Jinan in China	Sustainable Development	2020	28(6):1663-1677	SCI	王庆松	王庆松

28	Experimental investigation of thermal effect in coal pyrolysis process	FUEL PROCESSING TECHNOLOGY	2020	206: 106269	SCI	王涛	王涛
29	Multi-objective optimization of the preparation parameters of the powdered activated coke for SO ₂ adsorption using response surface methodology	JOURNAL OF ANALYTICAL AND APPLIED PYROLYSIS	2020	146: 104776	SCI	周滨选	王涛
30	Oxidation mechanism of pyrite concentrates (PCs) under typical circulating fluidized bed (CFB) roasting conditions and design principles of PCs' CFB roaster	CHEMICAL ENGINEERING AND PROCESSING-PROCESS INTENSIFICATION	2020	153: 107944	SCI	王涛	王涛
31	Multi-objective optimization of axial-flow-type gas-particle cyclone separator using response surface methodology and computational fluid dynamics	ATMOSPHERIC POLLUTION RESEARCH	2020	11(9):1487-1499	SCI	李军	王涛
32	A stepwise microwave synergistic pyrolysis approach to produce sludge-based biochars: Feasibility study simulated by laboratory experiments	FUEL	2020	272: 117628	SCI	王超前	王文龙
33	Complementary use of industrial solid wastes to produce green materials and their role in CO ₂ reduction	JOURNAL OF CLEANER PRODUCTION	2020	252:119840	SCI	任常在	王文龙
34	Coordinated adjustment and optimization of setting time, flowability, and mechanical strength for construction 3D printing material derived from solid waste	CONSTRUCTION AND BUILDING MATERIALS	2020	259: 119854	SCI	Shahzad, Qamar	王文龙
35	Co-preparation of calcium sulfoaluminate cement and sulfuric acid through mass utilization of industrial by-product gypsum	JOURNAL OF CLEANER PRODUCTION	2020	265: 121801	SCI	武双	王文龙
36	Effect of CaO content in raw material on the mineral composition of ferric-rich sulfoaluminate clinker	CONSTRUCTION AND BUILDING MATERIALS	2020	263: 120431	SCI	姚星亮	王文龙

37	Effect of CaSO ₄ batching in raw material on the iron-bearing mineral transition of ferric-rich sulfoaluminate cement	CONSTRUCTION AND BUILDING MATERIALS	2020	250: 118783	SCI	姚星亮	王文龙
38	Hydration study and characteristic analysis of a sulfoaluminate high-performance cementitious material made with industrial solid wastes	CEMENT & CONCRETE COMPOSITES	2020	112: 103687	SCI	姚永刚	王文龙
39	Recycling phosphogypsum as a sole calcium oxide source in calcium sulfoaluminate cement and its environmental effects	JOURNAL OF ENVIRONMENTAL MANAGEMENT	2020	271: 110986	SCI	武双	王文龙
40	Anode Photovoltage Compensation-Enabled Synergistic CO ₂ Photoelectrocatalytic Reduction on a Flower-like Graphene-Decorated Cu Foam Cathode	ADVANCED FUNCTIONAL MATERIALS	2020	30(52): 2005983	SCI	张梦	王文龙
41	Review on Selection and Experiment Method of Commonly Studied Simulated Radionuclides in Researches of Nuclear Waste Solidification	SCIENCE AND TECHNOLOGY OF NUCLEAR INSTALLATIONS	2020	1-13	SCI	李敬伟	王文龙
42	Preparation of 3D Network CNTs-Modified Nickel Foam with Enhanced Microwave Absorptivity and Application Potential in Wastewater Treatment	Science of the Total Environment	2020	702: 135006	SCI	王文龙	王文龙
43	Thermal and kinetic characteristics of the catalytic effect of different catalysts on the combustion of coal-char blends	INTERNATIONAL JOURNAL OF OIL GAS AND COAL TECHNOLOGY	2020	25 (1)	SCI	户英杰	王志强
44	Experimental investigation on ignition and burnout characteristics of semi-coke and bituminous coal blends	JOURNAL OF THE ENERGY INSTITUTE	2020	93 (4)	SCI	郑少伟	王志强

45	Oxy-fuel combustion of heavy oil based on OH - PLIF technique	JOURNAL OF THE ENERGY INSTITUTE	2020	93 (6)	SCI	王志强	王志强
46	Effects of oxygen concentration on the thermal and chemical structures of laminar coflow CO/H-2 diffusion flames burning in O-2/H ₂ O atmosphere	Fuel	2020	270:117474	SCI	任霄汉	许焕焕
47	Generation and Prediction of Construction and Demolition Waste Using Exponential Smoothing Method: A Case Study of Shandong Province, China	SUSTAINABILITY	2020	12:5094	SCI	乔梁	袁学良
48	Integrated assessment of the environmental and economic effects of "coal-to-gas conversion" project in rural areas of northern China	ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH	2020	27: 14503 - 14514	SCI	李悦	袁学良
49	Economic transition and industrial sulfur dioxide emissions in the Chinese economy	SCIENCE OF THE TOTAL ENVIRONMENT	2020	744: 140826	SCI	袁学良	袁学良
50	Environmental and human health risk evaluation of heavy metals in ceramsites from municipal solid waste incineration fly ash	ENVIRONMENTAL GEOCHEMISTRY AND HEALTH	2020	42(11): 3779-3794	SCI	时亦飞	袁学良
51	Transitioning China to a circular economy through remanufacturing: A comprehensive review of the management institutions and policy system	RESOURCES CONSERVATION AND RECYCLING	2020	161: 104920	SCI	袁学良	袁学良
52	Effect of N-doping on the catalytic decomposition of hydrogen iodide over activated carbon: Experimental and DFT studies	INTERNATIONAL JOURNAL OF HYDROGEN ENERGY	2020	45(7):4511-4520	SCI	李旭涵	张立强
53	Catalytic performance and reaction mechanism of an iron-loaded catalyst derived from blast furnace slag for the CO-SO ₂ reaction to produce sulfur	APPLIED CATALYSIS A-GENERAL	2020	606: 117810	SCI	任文	赵希强

54	食用菌菌糠的热解特性及动力学分析	农业工程学报	2020	36(17): 301-307	EI	王国袖	赵希强
55	微波加热 CO ₂ 活化法制备生物质活性炭及其脱硫性能研究	化工学报	2020	71(12): 5774-5784	EI	田叶顺	赵希强