

Yangxian Liu

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Simultaneous removal of NO and SO ₂ from coal-fired flue gas by UV/H ₂ O ₂ advanced oxidation process. <i>Chemical Engineering Journal</i> , 2010, 162, 1006-1011.	6.6	237
2	Adsorption of CO ₂ from flue gas by novel seaweed-based KOH-activated porous biochars. <i>Fuel</i> , 2020, 260, 116382.	3.4	185
3	Simultaneous absorption of SO ₂ and NO from flue gas using ultrasound/Fe ²⁺ /heat coactivated persulfate system. <i>Journal of Hazardous Materials</i> , 2018, 342, 326-334.	6.5	184
4	Carbon dioxide capture using liquid absorption methods: a review. <i>Environmental Chemistry Letters</i> , 2021, 19, 77-109.	8.3	165
5	Removal of Elemental Mercury from Flue Gas by Thermally Activated Ammonium Persulfate in A Bubble Column Reactor. <i>Environmental Science & Technology</i> , 2014, 48, 12181-12189.	4.6	159
6	Novel Process of Simultaneous Removal of Nitric Oxide and Sulfur Dioxide Using a Vacuum Ultraviolet (VUV)-Activated O ₂ /H ₂ O/H ₂ O ₂ System in A Wet VUV-Spraying Reactor. <i>Environmental Science & Technology</i> , 2016, 50, 12966-12975.	4.6	156
7	Removal of elemental mercury from flue gas using wheat straw chars modified by Mn-Ce mixed oxides with ultrasonic-assisted impregnation. <i>Chemical Engineering Journal</i> , 2017, 326, 169-181.	6.6	156
8	Simultaneous removal of NO and SO ₂ using vacuum ultraviolet light (VUV)/heat/peroxymonosulfate (PMS). <i>Chemosphere</i> , 2018, 190, 431-441.	4.2	155
9	A review on modification methods of adsorbents for elemental mercury from flue gas. <i>Chemical Engineering Journal</i> , 2018, 346, 692-711.	6.6	147
10	A review on removal of elemental mercury from flue gas using advanced oxidation process: Chemistry and process. <i>Chemical Engineering Research and Design</i> , 2016, 112, 199-250.	2.7	137
11	Removal of elemental mercury from flue gas using sargassum chars modified by NH ₄ Br reagent. <i>Fuel</i> , 2018, 214, 196-206.	3.4	126
12	Preparation of magnetic Co-Fe modified porous carbon from agricultural wastes by microwave and steam activation for mercury removal. <i>Journal of Hazardous Materials</i> , 2020, 381, 120981.	6.5	125
13	Removal of elemental mercury by bio-chars derived from seaweed impregnated with potassium iodine. <i>Chemical Engineering Journal</i> , 2018, 339, 468-478.	6.6	124
14	Novel carbon-based sorbents for elemental mercury removal from gas streams: A review. <i>Chemical Engineering Journal</i> , 2020, 391, 123514.	6.6	112
15	A review on coal fly ash-based adsorbents for mercury and arsenic removal. <i>Journal of Cleaner Production</i> , 2020, 267, 122143.	4.6	106
16	Removal of gaseous Hg ⁰ using novel seaweed biomass-based activated carbon. <i>Chemical Engineering Journal</i> , 2019, 366, 41-49.	6.6	103
17	Preparation of microwave-activated magnetic bio-char adsorbent and study on removal of elemental mercury from flue gas. <i>Science of the Total Environment</i> , 2019, 697, 134049.	3.9	101
18	Removal of elemental mercury from flue gas using CuO _x and CeO ₂ modified rice straw chars enhanced by ultrasound. <i>Fuel Processing Technology</i> , 2018, 170, 21-31.	3.7	99

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19	Elemental mercury removal from flue gas using heat and Co ²⁺ /Fe ²⁺ coactivated oxone oxidation system. <i>Chemical Engineering Journal</i> , 2018, 348, 464-475.	6.6	99
20	Mercury removal from flue gas by magnetic iron-copper oxide modified porous char derived from biomass materials. <i>Fuel</i> , 2019, 256, 115977.	3.4	96
21	Simultaneous removal of NO and SO ₂ using aqueous peroxymonosulfate with coactivation of Cu ²⁺ /Fe ³⁺ and high temperature. <i>AIChE Journal</i> , 2017, 63, 1287-1302.	1.8	91
22	State-of-the-art review on capture of CO ₂ using adsorbents prepared from waste materials. <i>Chemical Engineering Research and Design</i> , 2020, 139, 1-25.	2.7	90
23	A Critical Review on Removal of Gaseous Pollutants Using Sulfate Radical-based Advanced Oxidation Technologies. <i>Environmental Science & Technology</i> , 2021, 55, 9691-9710.	4.6	89
24	Oxidative removal of NO from flue gas using ultrasound, Mn ²⁺ /Fe ²⁺ and heat coactivation of Oxone in an ultrasonic bubble reactor. <i>Chemical Engineering Journal</i> , 2017, 326, 1166-1176.	6.6	87
25	Oxidation Removal of Nitric Oxide from Flue Gas Using UV Photolysis of Aqueous Hypochlorite. <i>Environmental Science & Technology</i> , 2017, 51, 11950-11959.	4.6	87
26	X-ray Photoelectron Spectroscopy (XPS) Investigation of Nitrogen Functionalities during Coal Char Combustion in O ₂ /CO ₂ and O ₂ /Ar Atmospheres. <i>Energy & Fuels</i> , 2011, 25, 240-245.	2.5	86
27	A comparative study on combustion characteristics of methane, propane and hydrogen fuels in a micro-combustor. <i>International Journal of Hydrogen Energy</i> , 2015, 40, 16587-16596.	3.8	85
28	Removal of Hg ⁰ and simultaneous removal of Hg ⁰ /SO ₂ /NO in flue gas using two Fenton-like reagents in a spray reactor. <i>Fuel</i> , 2015, 145, 180-188.	3.4	84
29	Removal of elemental mercury from flue gas using red mud impregnated by KBr and KI reagent. <i>Chemical Engineering Journal</i> , 2018, 341, 483-494.	6.6	84
30	Removal of gaseous hydrogen sulfide using Fenton reagent in a spraying reactor. <i>Fuel</i> , 2019, 239, 70-75.	3.4	79
31	A review on application of cerium-based oxides in gaseous pollutant purification. <i>Separation and Purification Technology</i> , 2020, 250, 117181.	3.9	79
32	Adsorption of elemental mercury in flue gas using biomass porous carbons modified by microwave/hydrogen peroxide. <i>Fuel</i> , 2021, 291, 120152.	3.4	77
33	Effects of ignition parameters on combustion process of a rotary engine fueled with natural gas. <i>Energy Conversion and Management</i> , 2015, 103, 218-234.	4.4	76
34	Oxidation removal of gaseous Hg ⁰ using enhanced-Fenton system in a bubble column reactor. <i>Fuel</i> , 2019, 246, 358-364.	3.4	76
35	A study on removal of elemental mercury in flue gas using fenton solution. <i>Journal of Hazardous Materials</i> , 2015, 292, 164-172.	6.5	72
36	Advanced oxidation removal of NO and SO ₂ from flue gas by using ultraviolet/H ₂ O ₂ /NaOH process. <i>Chemical Engineering Research and Design</i> , 2014, 92, 1907-1914.	2.7	70

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37	Novel Simultaneous Removal Technology of NO and SO ₂ Using a Semi-Dry Microwave Activation Persulfate System. <i>Environmental Science & Technology</i> , 2020, 54, 2031-2042.	4.6	70
38	Removal of gaseous elemental mercury using seaweed chars impregnated by NH ₄ Cl and NH ₄ Br. <i>Journal of Cleaner Production</i> , 2019, 216, 277-287.	4.6	69
39	Investigation on the Removal of NO from SO ₂ -Containing Simulated Flue Gas by an Ultraviolet/Fenton-Like Reaction. <i>Energy & Fuels</i> , 2012, 26, 5430-5436.	2.5	68
40	Photocatalytic, electrocatalytic and photoelectrocatalytic conversion of carbon dioxide: a review. <i>Environmental Chemistry Letters</i> , 2021, 19, 941-967.	8.3	68
41	A review on arsenic removal from coal combustion: Advances, challenges and opportunities. <i>Chemical Engineering Journal</i> , 2021, 414, 128785.	6.6	68
42	Numerical investigation of direct injection stratified charge combustion in a natural gas-diesel rotary engine. <i>Applied Energy</i> , 2019, 233-234, 453-467.	5.1	67
43	Elimination of nitric oxide using new Fenton process based on synergistic catalysis: Optimization and mechanism. <i>Chemical Engineering Journal</i> , 2019, 372, 92-98.	6.6	64
44	Removal of Hg ⁰ from containing SO ₂ /NO flue gas by ultraviolet/H ₂ O ₂ process in a novel photochemical reactor. <i>AIChE Journal</i> , 2014, 60, 2275-2285.	1.8	62
45	Effect of hydrogen injection strategies on mixture formation and combustion process in a hydrogen direct injection plus natural gas port injection rotary engine. <i>Energy Conversion and Management</i> , 2018, 160, 150-164.	4.4	61
46	Removal of Hg ⁰ from flue gas using two homogeneous photo-Fenton-like reactions. <i>AIChE Journal</i> , 2015, 61, 1322-1333.	1.8	60
47	Photochemical Oxidation Removal of Hg ⁰ from Flue Gas Containing SO ₂ /NO by an Ultraviolet Irradiation/Hydrogen Peroxide (UV/H ₂ O ₂) Process. <i>Energy & Fuels</i> , 2014, 28, 2135-2143.	2.5	58
48	Removal of nitric oxide from flue gas using novel microwave-activated double oxidants system. <i>Chemical Engineering Journal</i> , 2020, 393, 124754.	6.6	58
49	A review on removal of mercury from flue gas utilizing existing air pollutant control devices (APCDs). <i>Journal of Hazardous Materials</i> , 2022, 427, 128132.	6.5	58
50	Nitrogen-doped activated carbons derived from microalgae pyrolysis by-products by microwave/KOH activation for CO ₂ adsorption. <i>Fuel</i> , 2021, 306, 121762.	3.4	56
51	Integrating the merits of two-dimensional structure and heteroatom modification into semiconductor photocatalyst to boost NO removal. <i>Chemical Engineering Journal</i> , 2019, 370, 944-951.	6.6	54
52	Gaseous elemental mercury removal using VUV and heat coactivation of Oxone/H ₂ O/O ₂ in a VUV-spraying reactor. <i>Fuel</i> , 2019, 243, 352-361.	3.4	54
53	Recent developments on gas-solid heterogeneous oxidation removal of elemental mercury from flue gas. <i>Environmental Chemistry Letters</i> , 2019, 17, 19-47.	8.3	53
54	A review of sorbents for high-temperature hydrogen sulfide removal from hot coal gas. <i>Environmental Chemistry Letters</i> , 2019, 17, 259-276.	8.3	53

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55	Separation of hydrogen sulfide from gas phase using Ce ³⁺ /Mn ²⁺ -enhanced fenton-like oxidation system. <i>Chemical Engineering Journal</i> , 2019, 359, 1486-1492.	6.6	53
56	Study on removal of gaseous hydrogen sulfide based on macroalgae biochars. <i>Journal of Natural Gas Science and Engineering</i> , 2020, 73, 103068.	2.1	52
57	Removal of NO from flue gas using UV/S ₂ process in a novel photochemical impinging stream reactor. <i>AIChE Journal</i> , 2017, 63, 2968-2980.	1.8	51
58	Review on Magnetic Adsorbents for Removal of Elemental Mercury from Flue Gas. <i>Energy & Fuels</i> , 2020, 34, 13473-13490.	2.5	51
59	A study on mass transferâ€“reaction kinetics of NO absorption by using UV/H ₂ O ₂ /NaOH process. <i>Fuel</i> , 2013, 108, 254-260.	3.4	50
60	Study on absorption of elemental mercury from flue gas by UV/H ₂ O ₂ : Process parameters and reaction mechanism. <i>Chemical Engineering Journal</i> , 2014, 249, 72-78.	6.6	49
61	Sorbents for hydrogen sulfide capture from biogas at low temperature: a review. <i>Environmental Chemistry Letters</i> , 2020, 18, 113-128.	8.3	49
62	A study on kinetics of NO absorption from flue gas by using UV/Fenton wet scrubbing. <i>Chemical Engineering Journal</i> , 2012, 197, 468-474.	6.6	47
63	Kinetic model of NO removal from SO ₂ -containing simulated flue gas by wet UV/H ₂ O ₂ advanced oxidation process. <i>Chemical Engineering Journal</i> , 2011, 168, 183-189.	6.6	46
64	Numerical investigation of the effect of injection strategy on mixture formation and combustion process in a port injection natural gas rotary engine. <i>Energy Conversion and Management</i> , 2017, 133, 511-523.	4.4	46
65	Removal of pollutants from gas streams using Fenton (-like)-based oxidation systems: A review. <i>Journal of Hazardous Materials</i> , 2021, 416, 125927.	6.5	45
66	Wet Removal of Sulfur Dioxide and Nitric Oxide from Simulated Coal-Fired Flue Gas by UV/H ₂ O ₂ Advanced Oxidation Process. <i>Energy & Fuels</i> , 2010, 24, 4931-4936.	2.5	43
67	The influence of hydrogen injection strategy on mixture formation and combustion process in a port injection (PI) rotary engine fueled with natural gas/hydrogen blends. <i>Energy Conversion and Management</i> , 2018, 173, 527-538.	4.4	41
68	Photocatalytic oxidation removal of elemental mercury from flue gas.â€“ review. <i>Environmental Chemistry Letters</i> , 2020, 18, 417-431.	8.3	40
69	Absorption of NO and Simultaneous Absorption of SO ₂ /NO Using a Vacuum Ultraviolet Light/Ultrasound/KHSO ₅ System. <i>Energy & Fuels</i> , 2017, 31, 12364-12375.	2.5	39
70	Removal of Elemental Mercury from Flue Gas Using Microwave/Ultrasound-Activated Ceâ€“Fe Magnetic Porous Carbon Derived from Biomass Straw. <i>Energy & Fuels</i> , 2019, 33, 8394-8402.	2.5	39
71	Simultaneous absorptionâ€“oxidation of nitric oxide and sulfur dioxide using ammonium persulfate synergistically activated by UV-light and heat. <i>Chemical Engineering Research and Design</i> , 2018, 130, 321-333.	2.7	38
72	Effect of injection strategy on fuel-air mixing and combustion process in a direct injection diesel rotary engine (DI-DRE). <i>Energy Conversion and Management</i> , 2017, 154, 68-80.	4.4	37

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73	Numerical investigation of mixture formation and combustion in a hydrogen direct injection plus natural gas port injection (HDI+ANGPI) rotary engine. International Journal of Hydrogen Energy, 2018, 43, 4632-4644.	3.8	36
74	Removal of gaseous hydrogen sulfide using ultraviolet/Oxone-induced oxidation scrubbing system. Chemical Engineering Journal, 2020, 393, 124740.	6.6	36
75	Gaseous Elemental Mercury Removal Using Combined Metal Ions and Heat Activated Peroxymonosulfate/H ₂ O ₂ Solutions. AIChE Journal, 2019, 65, 161-174.	1.8	34
76	Review on Removal of SO ₂ , NO _x , Mercury, and Arsenic from Flue Gas Using Green Oxidation Absorption Technology. Energy & Fuels, 2021, 35, 9775-9794.	2.5	34
77	Removal of Gaseous Hydrogen Sulfide by a Photo-Fenton Wet Oxidation Scrubbing System. Energy & Fuels, 2019, 33, 10812-10819.	2.5	33
78	Alkali Metal Poisoning and Regeneration of Selective Catalytic Reduction Denitration Catalysts: Recent Advances and Future Perspectives. Energy & Fuels, 2022, 36, 5622-5646.	2.5	33
79	Oxidation Absorption of Gaseous H ₂ S Using Fenton-Like Advanced Oxidation Systems. Energy & Fuels, 2018, 32, 11289-11295.	2.5	32
80	Oxidation Removal of Nitric Oxide from Flue Gas Using an Ultraviolet Light and Heat Coactivated Oxone System. Energy & Fuels, 2018, 32, 1999-2008.	2.5	31
81	Fe ²⁺ /heat-coactivated PMS oxidation-absorption system for H ₂ S removal from gas phase. Separation and Purification Technology, 2022, 286, 120458.	3.9	30
82	Removal of Hg ⁰ from Simulated Flue Gas by Ultraviolet Light/Heat/Persulfate Process in an UV-Impinging Stream Reactor. Energy & Fuels, 2018, 32, 12416-12425.	2.5	27
83	Removal of Carbon Monoxide from Simulated Flue Gas Using Two New Fenton Systems: Mechanism and Kinetics. Environmental Science & Technology, 2019, 53, 10387-10397.	4.6	27
84	Gas-phase elemental mercury removal using ammonium chloride impregnated sargassum chars. Environmental Technology (United Kingdom), 2019, 40, 1923-1936.	1.2	27
85	Oxidation absorption of hydrogen sulfide from gas stream using vacuum ultraviolet/H ₂ O ₂ /urea wet scrubbing system. Chemical Engineering Research and Design, 2020, 140, 348-355.	2.7	27
86	A novel double metal ions-double oxidants coactivation system for NO and SO ₂ simultaneous removal. Chemical Engineering Journal, 2022, 432, 134398.	6.6	27
87	Elemental mercury capture from industrial gas emissions using sulfides and selenides: a review. Environmental Chemistry Letters, 2021, 19, 1395-1411.	8.3	26
88	A thermally activated double oxidants advanced oxidation system for gaseous H ₂ S removal: Mechanism and kinetics. Chemical Engineering Journal, 2022, 434, 134430.	6.6	26
89	Preliminary Study on a New Technique for Wet Removal of Nitric Oxide from Simulated Flue Gas with an Ultraviolet (UV)/H ₂ O ₂ Process. Energy & Fuels, 2010, 24, 4925-4930.	2.5	25
90	Oxidative Absorption of Elemental Mercury from Flue Gas Using a Modified Fenton-like Wet Scrubbing System. Energy & Fuels, 2019, 33, 3028-3033.	2.5	23

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91	Experimental and kinetic study on Hg0 removal by microwave/hydrogen peroxide modified seaweed-based porous biochars. Environmental Technology and Innovation, 2021, 22, 101411.	3.0	23
92	Removal of elemental Mercury from flue gas using wheat straw chars modified by K_2FeO_4 reagent. Environmental Technology (United Kingdom), 2017, 38, 3047-3054.	1.2	22
93	Porous Biochars Derived from Microalgae Pyrolysis for CO_2 Adsorption. Energy & Fuels, 2021, 35, 7646-7656.	2.5	22
94	Study on enhancement mechanism of NO absorption in K_2FeO_4 solution basing on mass transfer-reaction theory. Chemical Engineering Research and Design, 2016, 111, 196-203.	2.7	21
95	Absorption of H_2S from Gas Streams by the Wet Ultraviolet/Persulfate Oxidation Process: Mechanism and Kinetics. Energy & Fuels, 2020, 34, 8037-8045.	2.5	21
96	Effect of gas-phase reaction on catalytic reaction for H_2/O_2 mixture in micro combustor. International Journal of Hydrogen Energy, 2017, 42, 16855-16865.	3.8	20
97	Removal of NO in flue gas using vacuum ultraviolet light/ultrasound/chlorine in a VUV-US coupled reactor. Fuel Processing Technology, 2018, 169, 226-235.	3.7	20
98	Copper Sulfide-Loaded Boron Nitride Nanosheets for Elemental Mercury Removal from Simulated Flue Gas. Energy & Fuels, 2021, 35, 2234-2242.	2.5	19
99	A novel process for removal of Hg0 from flue gas using urea/persulfate activated by high temperature in a spray reactor. Chemical Engineering Research and Design, 2015, 104, 828-834.	2.7	18
100	Simultaneous removal of Hg0 and SO_2 from flue gas using vacuum ultraviolet radiation combining with absorption of urea solution. International Journal of Coal Geology, 2017, 170, 41-47.	1.9	18
101	Study on Mass Transfer-Reaction Kinetics of NO Removal from Flue Gas by Using a UV/Fenton-like Reaction. Industrial & Engineering Chemistry Research, 2012, 51, 12065-12072.	1.8	17
102	Simultaneous Removal of SO_2 and NO Using H_2O_2 /Urea Activated by Vacuum Ultraviolet Light in a Pilot-Scale Spraying Tower. Energy & Fuels, 2019, 33, 1325-1333.	2.5	17
103	Oxidation Removal of CO from Flue Gas Using Two Fenton-like Wet Scrubbing Systems. Energy & Fuels, 2019, 33, 2961-2966.	2.5	17
104	Optimization analysis of polyurethane based mixed matrix gas separation membranes by incorporation of gamma-cyclodextrin metal organic frame work. Chemical Papers, 2020, 74, 3527-3543.	1.0	17
105	Stratified combustion characteristics analysis and assisted-ignition strategy optimization in a natural gas blended diesel Wankel engine. Fuel, 2021, 292, 120192.	3.4	17
106	Biochars derived from by-products of microalgae pyrolysis for sorption of gaseous H_2S . Journal of Environmental Chemical Engineering, 2022, 10, 107370.	3.3	17
107	Quantitative Analysis of NO Reduction in Oxy-Coal Combustion. Energy & Fuels, 2011, 25, 1146-1152.	2.5	16
108	Removal of CO_2 from Flue Gas Using Seaweed Porous Carbons Prepared by Urea Doping and KOH Activation. Energy & Fuels, 2020, 34, 16411-16422.	2.5	15

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109	Seaweed bio-chars modified with metal chloride for elemental mercury capture from simulated flue gas. <i>Atmospheric Pollution Research</i> , 2020, 11, 122-130.	1.8	15
110	Preparation of Straw Porous Biochars by Microwave-Assisted KOH Activation for Removal of Gaseous H_2S . <i>Energy & Fuels</i> , 2021, 35, 18592-18603.	2.5	15
111	Removal of gaseous H_2S using microalgae porous carbons synthesized by thermal/microwave KOH activation. <i>Journal of the Energy Institute</i> , 2022, 101, 45-55.	2.7	15
112	Experimental research on influencing factors of wet removal of NO from coal-fired flue gas by UV/ H_2O_2 advanced oxidation process. <i>Science China Technological Sciences</i> , 2010, 53, 1839-1846.	2.0	14
113	Highly Efficient Adsorption of Oils and Pollutants by Porous Ultrathin Oxygen-Modified BCN Nanosheets. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 3234-3242.	3.2	14
114	Study on the Kinetics of NO Removal from Simulated Flue Gas by a Wet Ultraviolet/ H_2O_2 Advanced Oxidation Process. <i>Energy & Fuels</i> , 2011, 25, 1547-1552.	2.5	12
115	Enhancement in the selectivity of O_2/N_2 via ZIF-8/CA mixed-matrix membranes and the development of a thermodynamic model to predict the permeability of gases. <i>Environmental Science and Pollution Research</i> , 2020, 27, 24413-24429.	2.7	12
116	Gaseous Hydrogen Sulfide Removal Using Macroalgae Biochars Modified Synergistically by H_2SO_4/H_2O_2 . <i>Chemical Engineering and Technology</i> , 2021, 44, 698-709.	0.9	12
117	Removal of Elemental Mercury Using Seaweed Biomass-Based Porous Carbons Prepared from Microwave Activation and H_2O_2 Modification. <i>Energy & Fuels</i> , 2021, 35, 2391-2401.	2.5	10
118	Effects of experimental parameters on simultaneous removal of SO_2 and NO by VUV/ H_2O_2 advanced oxidation process in a pilot-scale photochemical spraying tower. <i>Journal of Chemical Technology and Biotechnology</i> , 2019, 94, 721-729.	1.6	9
119	Removal of nitric oxide from flue gas using sulfate/hydroxyl radicals from activation of oxone with cobalt and high temperature. <i>Environmental Progress and Sustainable Energy</i> , 2017, 36, 1013-1021.	1.3	8
120	Hg^0 Removal by Straw Biochars Prepared with Clean Microwave/ H_2O_2 Modification. <i>Chemical Engineering and Technology</i> , 2021, 44, 1460-1469.	0.9	8
121	Oxidation Absorption of Hg^0 in the Gas Phase Using a Double Catalyzers "Double Oxidants Coactivation Technology. <i>Energy & Fuels</i> , 2022, 36, 2656-2665.	2.5	7
122	Experimental Investigation on the Effect of Blending Ethanol on Combustion Characteristic and Idle Performance in a Gasoline Rotary Engine. <i>Journal of Thermal Science</i> , 2021, 30, 1187-1198.	0.9	3
123	Oxidative removal of gaseous hydrogen sulfide by a dual ions-dual oxidants coupling activation system. <i>Chemical Engineering Research and Design</i> , 2022, 161, 454-465.	2.7	3
124	Oxidation-separation kinetics of nitric oxide from flue gas using ferrate (VI) reagent in a spraying reactor. <i>Canadian Journal of Chemical Engineering</i> , 2017, 95, 1364-1372.	0.9	2
125	Comprehensive technical review of the high-efficiency low-emission technology in advanced coal-fired power plants. <i>Reviews in Chemical Engineering</i> , 2023, 39, 363-386.	2.3	2