

Beibei Yan

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7420005/publications.pdf>

Version: 2024-02-01

147
papers

5,054
citations

94433

37
h-index

123424

61
g-index

148
all docs

148
docs citations

148
times ranked

3674
citing authors

#	ARTICLE	IF	CITATIONS
1	Remediation of antibiotic wastewater by coupled photocatalytic and persulfate oxidation system: A critical review. <i>Journal of Hazardous Materials</i> , 2021, 408, 124461.	12.4	246
2	Correlation of Active Sites to Generated Reactive Species and Degradation Routes of Organics in Peroxymonosulfate Activation by Co-Loaded Carbon. <i>Environmental Science & Technology</i> , 2021, 55, 16163-16174.	10.0	189
3	Hydrodeoxygenation of lignin-derived bio-oil using molecular sieves supported metal catalysts: A critical review. <i>Renewable and Sustainable Energy Reviews</i> , 2017, 71, 296-308.	16.4	165
4	Ultrasonic-assisted production of biodiesel from transesterification of palm oil over ostrich eggshell-derived CaO catalysts. <i>Bioresource Technology</i> , 2014, 171, 428-432.	9.6	150
5	Environmental, energy, and economic analysis of integrated treatment of municipal solid waste and sewage sludge: A case study in China. <i>Science of the Total Environment</i> , 2019, 647, 1433-1443.	8.0	150
6	Catalytic membrane-based oxidation-filtration systems for organic wastewater purification: A review. <i>Journal of Hazardous Materials</i> , 2021, 414, 125478.	12.4	143
7	The fate of chlorine during MSW incineration: Vaporization, transformation, deposition, corrosion and remedies. <i>Progress in Energy and Combustion Science</i> , 2020, 76, 100789.	31.2	139
8	How to achieve complete elimination of Cl-VOCs: A critical review on byproducts formation and inhibition strategies during catalytic oxidation. <i>Chemical Engineering Journal</i> , 2021, 404, 126534.	12.7	132
9	Performance of chemical chelating agent stabilization and cement solidification on heavy metals in MSWI fly ash: A comparative study. <i>Journal of Environmental Management</i> , 2019, 247, 169-177.	7.8	121
10	Comparative investigation on catalytic ozonation of VOCs in different types over supported MnO catalysts. <i>Journal of Hazardous Materials</i> , 2020, 391, 122218.	12.4	106
11	A critical review on energy recovery and non-hazardous disposal of oily sludge from petroleum industry by pyrolysis. <i>Journal of Hazardous Materials</i> , 2021, 406, 124706.	12.4	99
12	Comparison of kinetic analysis methods in thermal decomposition of cattle manure by thermogravimetric analysis. <i>Bioresource Technology</i> , 2017, 243, 69-77.	9.6	86
13	Nitrogen, sulfur, chlorine containing pollutants releasing characteristics during pyrolysis and combustion of oily sludge. <i>Fuel</i> , 2020, 273, 117772.	6.4	86
14	Tunable active sites on biogas digestate derived biochar for sulfanilamide degradation by peroxymonosulfate activation. <i>Journal of Hazardous Materials</i> , 2022, 421, 126794.	12.4	75
15	A review on the thermal treatment of heavy metal hyperaccumulator: Fates of heavy metals and generation of products. <i>Journal of Hazardous Materials</i> , 2021, 405, 123832.	12.4	74
16	Air gasification of biogas-derived digestate in a downdraft fixed bed gasifier. <i>Waste Management</i> , 2017, 69, 162-169.	7.4	71
17	Hydrothermal liquefaction of low-lipid algae <i>Nannochloropsis</i> sp. and <i>Sargassum</i> sp.: Effect of feedstock composition and temperature. <i>Science of the Total Environment</i> , 2020, 712, 135677.	8.0	71
18	Landfill leachate treatment by persulphate related advanced oxidation technologies. <i>Journal of Hazardous Materials</i> , 2021, 418, 126355.	12.4	69

#	ARTICLE	IF	CITATIONS
19	Co-pyrolysis of corn cob and waste cooking oil in a fixed bed. <i>Bioresource Technology</i> , 2014, 166, 500-507.	9.6	67
20	Contamination, ecological and health risks of trace elements in soil of landfill and geothermal sites in Tibet. <i>Science of the Total Environment</i> , 2020, 715, 136639.	8.0	67
21	Conversion of plastic waste into fuels: A critical review. <i>Journal of Hazardous Materials</i> , 2022, 424, 127460.	12.4	64
22	Biomass to hydrogen-rich syngas via catalytic steam reforming of bio-oil. <i>Renewable Energy</i> , 2016, 91, 315-322.	8.9	61
23	Co/N co-doped carbonized wood sponge with 3D porous framework for efficient peroxymonosulfate activation: Performance and internal mechanism. <i>Journal of Hazardous Materials</i> , 2022, 421, 126735.	12.4	61
24	Comparative Investigation on Chlorobenzene Oxidation by Oxygen and Ozone over a MnO ₂ /Al ₂ O ₃ Catalyst in the Presence of SO ₂ . <i>Environmental Science & Technology</i> , 2021, 55, 3341-3351.	10.0	59
25	Hydrothermal carbonization of different wetland biomass wastes: Phosphorus reclamation and hydrochar production. <i>Waste Management</i> , 2020, 102, 106-113.	7.4	57
26	Comprehensive review on catalytic degradation of Cl-VOCs under the practical application conditions. <i>Critical Reviews in Environmental Science and Technology</i> , 2022, 52, 311-355.	12.8	54
27	Biomass molded fuel in China: Current status, policies and suggestions. <i>Science of the Total Environment</i> , 2020, 724, 138345.	8.0	53
28	Phytoremediation of Cd-contaminated farmland soil via various <i>Sedum alfredii</i> -oilseed rape cropping systems: Efficiency comparison and cost-benefit analysis. <i>Journal of Hazardous Materials</i> , 2021, 419, 126489.	12.4	53
29	Air pollutant emissions from straw open burning: A case study in Tianjin. <i>Atmospheric Environment</i> , 2017, 171, 155-164.	4.1	52
30	Biomass to hydrogen-rich syngas via steam gasification of bio-oil/biochar slurry over LaCo _{1-x} Cu _x O ₃ perovskite-type catalysts. <i>Energy Conversion and Management</i> , 2016, 117, 343-350.	9.2	50
31	Hazardous elements flow during pyrolysis of oily sludge. <i>Journal of Hazardous Materials</i> , 2021, 409, 124986.	12.4	47
32	Transformation of nitrogen, sulfur and chlorine during waste tire pyrolysis. <i>Journal of Analytical and Applied Pyrolysis</i> , 2021, 153, 104987.	5.5	44
33	Experimental and Kinetic Modeling Study of 2-Methylfuran Pyrolysis at Low and Atmospheric Pressures. <i>Energy & Fuels</i> , 2017, 31, 896-903.	5.1	43
34	Microwave reforming with char-supported Nickel-Cerium catalysts: A potential approach for thorough conversion of biomass tar model compound. <i>Applied Energy</i> , 2020, 261, 114375.	10.1	42
35	Biochar from constructed wetland biomass waste: A review of its potential and challenges. <i>Chemosphere</i> , 2022, 287, 132259.	8.2	42
36	Active sites decoration on sewage sludge-red mud complex biochar for persulfate activation to degrade sulfanilamide. <i>Journal of Colloid and Interface Science</i> , 2022, 608, 1983-1998.	9.4	41

#	ARTICLE	IF	CITATIONS
37	Investigation on model compound of biomass gasification tar cracking in microwave furnace: Comparative research. <i>Applied Energy</i> , 2018, 217, 249-257.	10.1	40
38	Biomass to hydrogen-rich syngas via catalytic steam gasification of bio-oil/biochar slurry. <i>Bioresource Technology</i> , 2015, 198, 108-114.	9.6	38
39	Experimental and kinetic modeling studies of furan pyrolysis: Fuel decomposition and aromatic ring formation. <i>Fuel</i> , 2017, 206, 239-247.	6.4	38
40	Exergy analysis of a new lignocellulosic biomass-based polygeneration system. <i>Energy</i> , 2017, 140, 1087-1095.	8.8	38
41	Catalytic cracking of model compounds of bio-oil over HZSM-5 and the catalyst deactivation. <i>Science of the Total Environment</i> , 2018, 631-632, 1611-1622.	8.0	38
42	Study on NO _x emission during corn straw/sewage sludge co-combustion: Experiments and modelling. <i>Fuel</i> , 2021, 285, 119208.	6.4	38
43	Nitric oxide formation during corn straw/sewage sludge co-pyrolysis/gasification. <i>Journal of Cleaner Production</i> , 2018, 197, 97-105.	9.3	37
44	Investigation on microwave torrefaction: Parametric influence, TG-MS-FTIR analysis, and gasification performance. <i>Energy</i> , 2021, 220, 119794.	8.8	37
45	Products distribution and pollutants releasing characteristics during pyrolysis of waste tires under different thermal process. <i>Journal of Hazardous Materials</i> , 2022, 424, 127351.	12.4	37
46	Review of microwave-based treatments of biomass gasification tar. <i>Renewable and Sustainable Energy Reviews</i> , 2021, 150, 111510.	16.4	37
47	The role of seashell wastes in TiO ₂ /Seashell composites: Photocatalytic degradation of methylene blue dye under sunlight. <i>Environmental Research</i> , 2020, 188, 109831.	7.5	35
48	The hotspots of life cycle assessment for bioenergy: A review by social network analysis. <i>Science of the Total Environment</i> , 2018, 625, 1301-1308.	8.0	33
49	Utilization of edible fungi residues towards synthesis of high-performance porous carbon for effective sorption of Cl-VOCs. <i>Science of the Total Environment</i> , 2020, 727, 138475.	8.0	33
50	Multi-step separation of different chemical groups from the heavy fraction in biomass fast pyrolysis oil. <i>Fuel Processing Technology</i> , 2020, 202, 106366.	7.2	33
51	Enhanced norfloxacin degradation by visible-light-driven Mn ₃ O ₄ /MnOOH photocatalysis under weak magnetic field. <i>Science of the Total Environment</i> , 2021, 761, 143268.	8.0	33
52	Efficient degradation of multiple Cl-VOCs by catalytic ozonation over MnO catalysts with different supports. <i>Chemical Engineering Journal</i> , 2022, 435, 134807.	12.7	33
53	Gasification of lignocellulosic biomass pretreated by anaerobic digestion (AD) process: An experimental study. <i>Fuel</i> , 2019, 247, 324-333.	6.4	32
54	Steam gasification of acid-hydrolysis biomass CAHR for clean syngas production. <i>Bioresource Technology</i> , 2015, 179, 323-330.	9.6	30

#	ARTICLE	IF	CITATIONS
55	Current development and perspectives of anaerobic bioconversion of crop stalks to Biogas: A review. <i>Bioresource Technology</i> , 2022, 349, 126615.	9.6	30
56	Sludge-derived biochar toward sustainable Peroxymonosulfate Activation: Regulation of active sites and synergistic production of reaction oxygen species. <i>Chemical Engineering Journal</i> , 2022, 440, 135897.	12.7	30
57	Fast characterization of biomass and waste by infrared spectra and machine learning models. <i>Journal of Hazardous Materials</i> , 2020, 387, 121723.	12.4	29
58	Assessment of biomass demineralization on gasification: From experimental investigation, mechanism to potential application. <i>Science of the Total Environment</i> , 2020, 726, 138634.	8.0	28
59	An experimental investigation on biogases production from Chinese herb residues based on dual circulating fluidized bed. <i>International Journal of Hydrogen Energy</i> , 2018, 43, 12618-12626.	7.1	26
60	Low-Temperature Catalytic Cracking of Biomass Gasification Tar Over Ni/HZSM-5. <i>Waste and Biomass Valorization</i> , 2019, 10, 1013-1020.	3.4	26
61	Efficient degradation of bentazone via peroxymonosulfate activation by 1D/2D $\text{I}^3\text{-MnOOH-rGO}$ under simulated sunlight: Performance and mechanism insight. <i>Science of the Total Environment</i> , 2020, 741, 140492.	8.0	26
62	Hydrothermal conversion of Cd/Zn hyperaccumulator (<i>Sedum alfredii</i>) for heavy metal separation and hydrochar production. <i>Journal of Hazardous Materials</i> , 2022, 423, 127122.	12.4	25
63	Photosynthetic hydrogen production by alginate immobilized bacterial consortium. <i>Bioresource Technology</i> , 2017, 236, 44-48.	9.6	24
64	Co-gasification of Acid Hydrolysis Residues and Sewage Sludge in a Downdraft Fixed Gasifier with CaO as an In-Bed Additive. <i>Energy & Fuels</i> , 2018, 32, 5893-5900.	5.1	24
65	Fast identification and characterization of residual wastes via laser-induced breakdown spectroscopy and machine learning. <i>Resources, Conservation and Recycling</i> , 2021, 174, 105851.	10.8	24
66	Optimal strategy for clean and efficient biomass combustion based on ash deposition tendency and kinetic analysis. <i>Journal of Cleaner Production</i> , 2020, 271, 122529.	9.3	23
67	Steam reforming of acetic acid using Ni/Al ₂ O ₃ catalyst: Influence of crystalline phase of Al ₂ O ₃ support. <i>International Journal of Hydrogen Energy</i> , 2017, 42, 20729-20738.	7.1	22
68	The synergistic effects of polyvinyl chloride and biomass during combustible solid waste pyrolysis: Experimental investigation and modeling. <i>Energy Conversion and Management</i> , 2020, 222, 113237.	9.2	22
69	Biomass combustion: Environmental impact of various precombustion processes. <i>Journal of Cleaner Production</i> , 2020, 261, 121217.	9.3	22
70	Comprehensive evaluation of gradient controlled anaerobic digestion and pyrolysis integration processes: A case study of Sargassum treatment. <i>Bioresource Technology</i> , 2022, 345, 126496.	9.6	22
71	Double-edged effects of polyvinyl chloride addition on heavy metal separation and biochar production during pyrolysis of Cd/Zn hyperaccumulator. <i>Journal of Hazardous Materials</i> , 2021, 416, 125793.	12.4	21
72	Catalytic deep degradation of Cl-VOCs with the assistance of ozone at low temperature over MnO ₂ catalysts. <i>Chemical Engineering Journal</i> , 2021, 426, 130814.	12.7	21

#	ARTICLE	IF	CITATIONS
73	Synergistic effect for simultaneously catalytic ozonation of chlorobenzene and NO over MnCoO catalysts: Byproducts formation under practical conditions. <i>Chemical Engineering Journal</i> , 2022, 427, 130929.	12.7	21
74	Iron cobalt and nitrogen co-doped carbonized wood sponge for peroxydisulfate activation: Performance and internal temperature-dependent mechanism. <i>Journal of Colloid and Interface Science</i> , 2022, 619, 267-279.	9.4	21
75	Behaviour of mercury during Co-incineration of sewage sludge and municipal solid waste. <i>Journal of Cleaner Production</i> , 2020, 253, 119969.	9.3	20
76	Upgrading of Bio-Oil Model Compounds and Bio-Crude into Biofuel by Electrocatalysis: A Review. <i>ChemSusChem</i> , 2021, 14, 1037-1052.	6.8	20
77	Flue gas torrefaction of municipal solid waste: Fuel properties, combustion characterizations, and nitrogen /sulfur emissions. <i>Bioresource Technology</i> , 2022, 351, 126967.	9.6	20
78	Pyrolysis of food waste and food waste solid digestate: A comparative investigation. <i>Bioresource Technology</i> , 2022, 354, 127191.	9.6	20
79	Promoting air gasification of corn straw through biological pretreatment by biogas slurry: An initiative experimental study. <i>Fuel Processing Technology</i> , 2019, 191, 60-70.	7.2	19
80	Effects of reaction conditions on products and elements distribution via hydrothermal liquefaction of duckweed for wastewater treatment. <i>Bioresource Technology</i> , 2020, 317, 124033.	9.6	19
81	Can microwave treat biomass tar? A comprehensive study based on experimental and net energy analysis. <i>Applied Energy</i> , 2020, 272, 115194.	10.1	19
82	Chemical looping gasification of <i>Chlorella</i> : Parametric optimization, reaction mechanisms, and nitrogen-containing pollutants emission. <i>Fuel</i> , 2021, 289, 119987.	6.4	19
83	Effects of anaerobic digestion pretreatment on the pyrolysis of <i>Sargassum</i> : Investigation by TG-FTIR and Py-GC/MS. <i>Energy Conversion and Management</i> , 2022, 267, 115934.	9.2	19
84	A facile and green strategy to synthesize N/P co-doped bio-porous carbon with high yield from fungi residue for efficient VOC adsorption. <i>Separation and Purification Technology</i> , 2021, 276, 119291.	7.9	18
85	Catalytic ozonation of CH ₂ Cl ₂ over hollow urchin-like MnO ₂ with regulation of active oxygen by catalyst modification and ozone promotion. <i>Journal of Hazardous Materials</i> , 2022, 436, 129217.	12.4	18
86	Study on corrosion kinetics of 310H in different simulated MSW combustion environment. The influence of SO ₂ and H ₂ O on NaCl assisted corrosion. <i>Corrosion Science</i> , 2019, 154, 254-267.	6.6	17
87	The effect of alkali metal chlorides and temperature on acid-hydrolysis residual pyrolysis products. <i>Journal of Analytical and Applied Pyrolysis</i> , 2019, 137, 106-117.	5.5	17
88	Combustion ash addition promotes the production of K-enriched biochar and K release characteristics. <i>Journal of Cleaner Production</i> , 2021, 311, 127557.	9.3	17
89	Triple combination of natural microbial action, etching, and gas foaming to synthesize hierarchical porous carbon for efficient adsorption of VOCs. <i>Environmental Research</i> , 2021, 202, 111687.	7.5	17
90	Migration of chlorinated compounds on products quality and dioxins releasing during pyrolysis of oily sludge with high chlorine content. <i>Fuel</i> , 2021, 306, 121744.	6.4	17

#	ARTICLE	IF	CITATIONS
91	Flue gas torrefaction of distilled spirit lees and the effects on the combustion and nitrogen oxide emission. <i>Bioresource Technology</i> , 2021, 342, 125975.	9.6	17
92	Co-Pyrolysis of Sewage Sludge and Wetland Biomass Waste for Biochar Production: Behaviors of Phosphorus and Heavy Metals. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 2818.	2.6	16
93	A review on the production of P-enriched hydro/bio-char from solid waste: Transformation of P and applications of hydro/bio-char. <i>Chemosphere</i> , 2022, 301, 134646.	8.2	16
94	Catalytic pyrolysis of biogas residues with incineration bottom ash by TG-MS: Kinetics analysis and biochar stability. <i>Fuel</i> , 2022, 322, 124253.	6.4	16
95	Hydrogen Production via Aqueous-Phase Reforming of Ethylene Glycol over a Nickel-iron Alloy Catalyst: Effect of Cobalt Addition. <i>Energy & Fuels</i> , 2020, 34, 1153-1161.	5.1	15
96	Comparative evaluation on municipal sewage sludge utilization processes for sustainable management in Tibet. <i>Science of the Total Environment</i> , 2021, 765, 142676.	8.0	15
97	Aquatic environment remediation by atomic layer deposition-based multi-functional materials: A review. <i>Journal of Hazardous Materials</i> , 2021, 402, 123513.	12.4	15
98	Effects of torrefaction on the formation and distribution of dioxins during wood and PVC pyrolysis: An experimental and mechanistic study. <i>Journal of Analytical and Applied Pyrolysis</i> , 2021, 157, 105240.	5.5	15
99	Photocatalytic mineralization of indoor VOC mixtures over unique ternary TiO ₂ /C/MnO ₂ with high adsorption selectivity. <i>Chemical Engineering Journal</i> , 2021, 425, 131678.	12.7	15
100	Full-scale experimental investigation of deposition and corrosion of pre-protector and 3rd superheater in a waste incineration plant. <i>Scientific Reports</i> , 2017, 7, 17549.	3.3	14
101	Distribution of Hg during sewage sludge and municipal solid waste Co-pyrolysis: Influence of multiple factors. <i>Waste Management</i> , 2020, 107, 276-284.	7.4	14
102	Chemical looping gasification of digestate: Investigation on the surface and lattice oxygen of perovskite oxygen carrier. <i>Fuel</i> , 2022, 318, 123663.	6.4	14
103	Gasification of Tibetan herb residue: Thermogravimetric analysis and experimental study. <i>Biomass and Bioenergy</i> , 2021, 146, 105952.	5.7	13
104	Microwave pyrolysis of herb residue for syngas production with in-situ tar elimination and nitrous oxides controlling. <i>Fuel Processing Technology</i> , 2021, 221, 106955.	7.2	13
105	Effects on mesophilic anaerobic digestion performance of corn stalk with the addition/ pretreatment of depolymerization wastewater. <i>Fuel</i> , 2022, 322, 124234.	6.4	13
106	Potential of yak dung-derived hydrochar as fertilizer: Mechanism and model of controlled release of nitrogen. <i>Science of the Total Environment</i> , 2021, 781, 146665.	8.0	12
107	Evaluation on energetic and economic benefits of the coupling anaerobic digestion and gasification from agricultural wastes. <i>Renewable Energy</i> , 2021, 176, 494-503.	8.9	12
108	Biodiesel production in a magnetically fluidized bed reactor using whole-cell biocatalysts immobilized within ferromagnetic oxide-polyvinyl alcohol composite beads. <i>Bioresource Technology</i> , 2022, 355, 127253.	9.6	12

#	ARTICLE	IF	CITATIONS
109	Fast characterization of biomass pyrolysis oil via combination of ATR-FTIR and machine learning models. <i>Renewable Energy</i> , 2022, 194, 220-231.	8.9	12
110	Microwave torrefaction integrated with gasification: Energy and exergy analyses based on Aspen Plus modeling. <i>Applied Energy</i> , 2022, 319, 119255.	10.1	12
111	Catalytic pyrolysis of oily sludge with iron-containing waste for production of high-quality oil and H ₂ -rich gas. <i>Fuel</i> , 2022, 326, 124995.	6.4	12
112	Estimation and emissions from crop straw and animal dung in Tibet. <i>Science of the Total Environment</i> , 2018, 631-632, 1038-1045.	8.0	11
113	Distribution of trace elements during coal Gasification¼The effect of upgrading method. <i>Journal of Cleaner Production</i> , 2018, 190, 193-199.	9.3	11
114	Experimental and kinetic modeling studies of furfural pyrolysis at low and atmospheric pressures. <i>Journal of Analytical and Applied Pyrolysis</i> , 2021, 157, 105161.	5.5	11
115	Experimental and Kinetic Modeling Studies of Methyl 2-Furoate Pyrolysis at Atmospheric Pressure. <i>Energy & Fuels</i> , 2019, 33, 4611-4620.	5.1	10
116	Energy utilization and disposal of herb residue by an integrated energy conversion system: A pilot scale study. <i>Energy</i> , 2021, 215, 119192.	8.8	10
117	BTX production from rice husk by fast catalytic pyrolysis over a Ga-modified ZSM-5/SBA-15 catalyst. <i>New Journal of Chemistry</i> , 2021, 45, 3809-3816.	2.8	10
118	Coupling Anaerobic Digestion with Pyrolysis for Phosphorus-Enriched Biochar Production from Constructed Wetland Biomass. <i>ACS Sustainable Chemistry and Engineering</i> , 2022, 10, 3972-3980.	6.7	10
119	Catalytic Reforming: A Potentially Promising Method for Treating and Utilizing Wastewater from Biogas Plants. <i>Environmental Science & Technology</i> , 2020, 54, 577-585.	10.0	9
120	Insoluble matrix proteins from shell waste for synthesis of visible-light response photocatalyst to mineralize indoor gaseous formaldehyde. <i>Journal of Hazardous Materials</i> , 2021, 415, 125649.	12.4	9
121	Pyrolysis of exhausted hydrochar sorbent for cadmium separation and biochar regeneration. <i>Chemosphere</i> , 2022, 306, 135546.	8.2	9
122	Thermal activation of persulfates for organic wastewater purification: Heating modes, mechanism and influencing factors. <i>Chemical Engineering Journal</i> , 2022, 450, 137976.	12.7	9
123	Comparison of Combustion Kinetics of the Biomass Hydrolysis Residue with Raw Biomass Materials. <i>Energy & Fuels</i> , 2020, 34, 1193-1201.	5.1	8
124	Experimental and kinetic modeling studies of the low-temperature oxidation of 2-methylfuran in a jet-stirred reactor. <i>Combustion and Flame</i> , 2021, 233, 111588.	5.2	8
125	Hydrothermal carbonization of garden waste by pretreatment with anaerobic digestion to improve hydrochar performance and energy recovery. <i>Science of the Total Environment</i> , 2022, 807, 151014.	8.0	8
126	Hydrothermal Treatment of the Pristine and Contaminated Cd/Zn Hyperaccumulators for Bio-Oil Production and Heavy Metal Separation. <i>ACS Sustainable Chemistry and Engineering</i> , 2022, 10, 603-612.	6.7	8

#	ARTICLE	IF	CITATIONS
127	Investigation of coke deposition during catalytic cracking of different biomass model tar: Effect of microwave. <i>Applied Catalysis A: General</i> , 2021, 624, 118325.	4.3	7
128	Evolution of research topics on the Tibetan Plateau environment and ecology from 2000 to 2020: a paper mining. <i>Environmental Science and Pollution Research</i> , 2022, 29, 12933-12947.	5.3	7
129	Bibliometric Analysis of Current Status on Bioremediation of Petroleum Contaminated Soils during 2000–2019. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 8859.	2.6	6
130	A Comprehensive Comparison Study: The Impacts of Gasifying Agents and Parameters on Chinese Herb Medicine Residue Gasification. <i>Waste and Biomass Valorization</i> , 2021, 12, 3059-3073.	3.4	5
131	A coupling energy system of 10 clean-energy heating systems: A case study in Shandong province in China. <i>International Journal of Green Energy</i> , 2021, 18, 1323-1338.	3.8	5
132	Experimental and kinetic modeling studies of di-n-propyl ether pyrolysis at low and atmospheric pressures. <i>Fuel</i> , 2021, 298, 120797.	6.4	5
133	Utilizing waste duckweed from phytoremediation to synthesize highly efficient Fe N C catalysts for oxygen reduction reaction electrocatalysis. <i>Science of the Total Environment</i> , 2022, 819, 153115.	8.0	5
134	Experimental and kinetic model studies on the pyrolysis of 2-furfuryl alcohol at two reactors: Flow reactor and jet-stirred reactor. <i>Combustion and Flame</i> , 2022, 244, 112275.	5.2	5
135	Influence of temperature on formaldehyde emission parameters of solvent-based coatings. <i>Journal of Coatings Technology Research</i> , 2021, 18, 677-684.	2.5	4
136	A Comparison of Combustion Properties in Biomass–Coal Blends Using Characteristic and Kinetic Analyses. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 12980.	2.6	4
137	Quantitative research on heavy metal removal of flue gas desulfurization-derived wastewater sludge by electrokinetic treatment. <i>Journal of Hazardous Materials</i> , 2021, 414, 125561.	12.4	3
138	Effects of temperature mode and the substrate/inoculum ratio on anaerobic digestion of Tibetan food waste. <i>Journal of Chemical Technology and Biotechnology</i> , 0, , .	3.2	3
139	Technologies integration towards bio-fuels production: A state-of-the-art review. <i>Applications in Energy and Combustion Science</i> , 2022, 10, 100070.	1.5	3
140	Experimental and Comprehensive Evaluation of Vegetable Oils for Biomass Tar Absorption. <i>ACS Omega</i> , 2020, 5, 19579-19588.	3.5	2
141	Comparison of different optimization techniques for microwave-assisted biodiesel production. <i>Energy Sources, Part A: Recovery, Utilization and Environmental Effects</i> , 2020, , 1-17.	2.3	2
142	Experimental and Numerical Study of the Laminar Burning Velocity and Pollutant Emissions of the Mixture Gas of Methane and Carbon Dioxide. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 2078.	2.6	1
143	Aqueous Phase Reforming of Distiller's Grain Derived Biogas Plant Wastewater over In_2S_3 -MoO ₃ Nanosheets. <i>Chemical Engineering Journal</i> , 2021, 430, 132735.	12.7	0
144	Effects on Mesophilic Anaerobic Digestion Performance of Corn Stalk with the Addition/Pretreatment of Depolymerization Wastewater. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0

#	ARTICLE	IF	CITATIONS
145	Aqueous-phase reforming of phenol over hydrotalcite-derived Ni/Zn/Al catalysts. IET Renewable Power Generation, 2019, 13, 1641-1646.	3.1	0
146	Sewage sludge-highland barley straw composting in the Tibetan plateau: an experimental and simulative study. Biomass Conversion and Biorefinery, 2024, 14, 4777-4790.	4.6	0
147	Biorenewable Nanocomposite Materials for Wastewater Treatment. ACS Symposium Series, 0, , 281-311.	0.5	0