

Renjie Dong

List of Publications by Year in descending order

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137
papers

6,832
citations

53751

45
h-index

69214

77
g-index

140
all docs

140
docs citations

140
times ranked

6556
citing authors

#	ARTICLE	IF	CITATIONS
1	Development of constructed wetlands in performance intensifications for wastewater treatment: A nitrogen and organic matter targeted review. <i>Water Research</i> , 2014, 57, 40-55.	5.3	489
2	Evaluation of slow pyrolyzed wood and rice husks biochar for adsorption of ammonium nitrogen from piggery manure anaerobic digestate slurry. <i>Science of the Total Environment</i> , 2015, 505, 102-112.	3.9	412
3	Phosphate removal from aqueous solution using iron oxides: Adsorption, desorption and regeneration characteristics. <i>Journal of Colloid and Interface Science</i> , 2018, 528, 145-155.	5.0	247
4	Batch anaerobic co-digestion of pig manure with dewatered sewage sludge under mesophilic conditions. <i>Applied Energy</i> , 2014, 128, 175-183.	5.1	210
5	Sanitation in constructed wetlands: A review on the removal of human pathogens and fecal indicators. <i>Science of the Total Environment</i> , 2016, 541, 8-22.	3.9	193
6	Treatment of anaerobic digested effluent in biochar-packed vertical flow constructed wetland columns: Role of media and tidal operation. <i>Science of the Total Environment</i> , 2017, 592, 197-205.	3.9	174
7	Treatment of industrial effluents in constructed wetlands: Challenges, operational strategies and overall performance. <i>Environmental Pollution</i> , 2015, 201, 107-120.	3.7	166
8	Role of Nutrient-Enriched Biochar as a Soil Amendment during Maize Growth: Exploring Practical Alternatives to Recycle Agricultural Residuals and to Reduce Chemical Fertilizer Demand. <i>Sustainability</i> , 2019, 11, 3211.	1.6	155
9	An Overview on Catalytic Hydrodeoxygenation of Pyrolysis Oil and Its Model Compounds. <i>Catalysts</i> , 2017, 7, 169.	1.6	148
10	Anaerobic digestion of straw and corn stover: The effect of biological process optimization and pre-treatment on total bio-methane yield and energy performance. <i>Biotechnology Advances</i> , 2016, 34, 1289-1304.	6.0	144
11	Biomass production and nutrients removal by a new microalgae strain <i>Desmodesmus</i> sp. in anaerobic digestion wastewater. <i>Bioresource Technology</i> , 2014, 161, 200-207.	4.8	133
12	Anaerobic digestion of food waste for bio-energy production in China and Southeast Asia: A review. <i>Renewable and Sustainable Energy Reviews</i> , 2020, 133, 110138.	8.2	127
13	Bio-hydrogen and bio-methane production from food waste in a two-stage anaerobic digestion process with digestate recirculation. <i>Renewable Energy</i> , 2019, 130, 1108-1115.	4.3	126
14	Performance and kinetic evaluation of semi-continuously fed anaerobic digesters treating food waste: Role of trace elements. <i>Bioresource Technology</i> , 2015, 178, 297-305.	4.8	123
15	Cultivation of <i>Chlorella zofingiensis</i> in bench-scale outdoor ponds by regulation of pH using dairy wastewater in winter, South China. <i>Bioresource Technology</i> , 2012, 121, 76-82.	4.8	109
16	Phosphate recovery from liquid fraction of anaerobic digestate using four slow pyrolyzed biochars: Dynamics of adsorption, desorption and regeneration. <i>Journal of Environmental Management</i> , 2017, 201, 260-267.	3.8	108
17	Probing the efficiency of magnetically modified biomass-derived biochar for effective phosphate removal. <i>Journal of Environmental Management</i> , 2020, 253, 109730.	3.8	107
18	A review targeting veterinary antibiotics removal from livestock manure management systems and future outlook. <i>Bioresource Technology</i> , 2021, 333, 125069.	4.8	104

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19	Effects of organic loading rate and effluent recirculation on the performance of two-stage anaerobic digestion of vegetable waste. <i>Bioresource Technology</i> , 2013, 146, 556-561.	4.8	88
20	The performance efficiency of bioaugmentation to prevent anaerobic digestion failure from ammonia and propionate inhibition. <i>Bioresource Technology</i> , 2017, 231, 94-100.	4.8	85
21	Fed-batch cultivation of <i>Desmodesmus</i> sp. in anaerobic digestion wastewater for improved nutrient removal and biodiesel production. <i>Bioresource Technology</i> , 2015, 184, 116-122.	4.8	80
22	Anaerobic digestion characteristics of pig manures depending on various growth stages and initial substrate concentrations in a scaled pig farm in Southern China. <i>Bioresource Technology</i> , 2014, 156, 63-69.	4.8	70
23	Intensified nitrogen and phosphorus removal in a novel electrolysis-integrated tidal flow constructed wetland system. <i>Water Research</i> , 2014, 59, 37-45.	5.3	70
24	Nutrient recovery from anaerobically digested chicken slurry via struvite: Performance optimization and interactions with heavy metals and pathogens. <i>Science of the Total Environment</i> , 2018, 635, 1-9.	3.9	70
25	Improved high solid anaerobic digestion of chicken manure by moderate in situ ammonia stripping and its relation to metabolic pathway. <i>Renewable Energy</i> , 2020, 146, 2380-2389.	4.3	70
26	Searching for possibilities to improve the performance of full scale agricultural biogas plants. <i>Renewable Energy</i> , 2018, 116, 720-727.	4.3	68
27	Formation of struvite from agricultural wastewaters and its reuse on farmlands: Status and hindrances to closing the nutrient loop. <i>Journal of Environmental Management</i> , 2019, 230, 1-13.	3.8	67
28	Evaluation of ammonium adsorption in biochar-fixed beds for treatment of anaerobically digested swine slurry: Experimental optimization and modeling. <i>Science of the Total Environment</i> , 2016, 563-564, 1095-1104.	3.9	64
29	Long-term bio-H ₂ and bio-CH ₄ production from food waste in a continuous two-stage system: Energy efficiency and conversion pathways. <i>Bioresource Technology</i> , 2018, 248, 204-213.	4.8	64
30	Performance and kinetic evaluation of a semi-continuously fed anaerobic digester treating food waste: Effect of trace elements on the digester recovery and stability. <i>Chemosphere</i> , 2014, 117, 477-485.	4.2	62
31	Properties of plant nutrient: Comparison of two nutrient recovery techniques using liquid fraction of digestate from anaerobic digester treating pig manure. <i>Science of the Total Environment</i> , 2016, 544, 774-781.	3.9	62
32	Integrated approach to sustain biogas production in anaerobic digestion of chicken manure under recycled utilization of liquid digestate: Dynamics of ammonium accumulation and mitigation control. <i>Bioresource Technology</i> , 2016, 205, 75-81.	4.8	61
33	Bio-hydrolysis and bio-hydrogen production from food waste by thermophilic and hyperthermophilic anaerobic process. <i>Bioresource Technology</i> , 2016, 216, 768-777.	4.8	60
34	Performance evaluation of a novel anaerobic digestion operation process for treating high-solids content chicken manure: Effect of reduction of the hydraulic retention time at a constant organic loading rate. <i>Waste Management</i> , 2017, 64, 340-347.	3.7	60
35	Effects of organic loading rate on anaerobic digestion of chicken manure under mesophilic and thermophilic conditions. <i>Renewable Energy</i> , 2019, 139, 242-250.	4.3	60
36	Treatment of anaerobic digestate supernatant in microbial fuel cell coupled constructed wetlands: Evaluation of nitrogen removal, electricity generation, and bacterial community response. <i>Science of the Total Environment</i> , 2017, 580, 339-346.	3.9	58

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37	Combined effect of crude fat content and initial substrate concentration on batch anaerobic digestion characteristics of food waste. <i>Bioresource Technology</i> , 2017, 232, 304-312.	4.8	57
38	Natural gas and electricity: Two perspective technologies of substituting coal-burning stoves for rural heating and cooking in Hebei Province of China. <i>Energy Science and Engineering</i> , 2019, 7, 120-131.	1.9	57
39	Recent progress towards in-situ biogas upgrading technologies. <i>Science of the Total Environment</i> , 2021, 800, 149667.	3.9	55
40	Evaluation of batch anaerobic co-digestion of palm pressed fiber and cattle manure under mesophilic conditions. <i>Waste Management</i> , 2014, 34, 1984-1991.	3.7	54
41	Dynamics of organic matter, nitrogen and phosphorus removal and their interactions in a tidal operated constructed wetland. <i>Journal of Environmental Management</i> , 2015, 151, 310-316.	3.8	54
42	Dark fermentation, anaerobic digestion and microbial fuel cells: An integrated system to valorize swine manure and rice bran. <i>Waste Management</i> , 2016, 56, 519-529.	3.7	54
43	How the novel integration of electrolysis in tidal flow constructed wetlands intensifies nutrient removal and odor control. <i>Bioresource Technology</i> , 2014, 169, 605-613.	4.8	51
44	Thermodynamically enhancing propionic acid degradation by using sulfate as an external electron acceptor in a thermophilic anaerobic membrane reactor. <i>Water Research</i> , 2016, 106, 320-329.	5.3	50
45	Use of nano-/micro-magnetite for abatement of cadmium and lead contamination. <i>Journal of Environmental Management</i> , 2020, 264, 110477.	3.8	50
46	Dynamics of nitrogen transformation depending on different operational strategies in laboratory-scale tidal flow constructed wetlands. <i>Science of the Total Environment</i> , 2014, 487, 49-56.	3.9	46
47	Synthesis of humic-like acid from biomass pretreatment liquor: Quantitative appraisal of electron transferring capacity and metal-binding potential. <i>Journal of Cleaner Production</i> , 2020, 255, 120243.	4.6	43
48	Performance of two-stage vegetable waste anaerobic digestion depending on varying recirculation rates. <i>Bioresource Technology</i> , 2014, 162, 266-272.	4.8	42
49	Composting potential of the solid fraction of digested pulp produced by a biogas plant. <i>Biosystems Engineering</i> , 2017, 160, 25-29.	1.9	42
50	Impact of temperature and substrate concentration on degradation rates of acetate, propionate and hydrogen and their links to microbial community structure. <i>Bioresource Technology</i> , 2018, 256, 44-52.	4.8	41
51	Enhanced methanogenic performance and metabolic pathway of high solid anaerobic digestion of chicken manure by Fe ²⁺ and Ni ²⁺ supplementation. <i>Waste Management</i> , 2019, 94, 10-17.	3.7	41
52	Innovative operation of microbial fuel cell-based biosensor for selective monitoring of acetate during anaerobic digestion. <i>Science of the Total Environment</i> , 2019, 655, 1439-1447.	3.9	41
53	The correlation of methanogenic communities' dynamics and process performance of anaerobic digestion of thermal hydrolyzed sludge at short hydraulic retention times. <i>Bioresource Technology</i> , 2019, 272, 180-187.	4.8	41
54	Influence of anaerobic digestion on the labile phosphorus in pig, chicken, and dairy manure. <i>Science of the Total Environment</i> , 2020, 737, 140234.	3.9	40

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55	Performance enhancement of leaf vegetable waste in two-stage anaerobic systems under high organic loading rate: Role of recirculation and hydraulic retention time. <i>Applied Energy</i> , 2015, 147, 279-286.	5.1	39
56	Exploring stability indicators for efficient monitoring of anaerobic digestion of pig manure under perturbations. <i>Waste Management</i> , 2019, 91, 139-146.	3.7	39
57	Biochar seeding promotes struvite formation, but accelerates heavy metal accumulation. <i>Science of the Total Environment</i> , 2019, 652, 623-632.	3.9	39
58	Improving methane production and anaerobic digestion stability of food waste by extracting lipids and mixing it with sewage sludge. <i>Bioresource Technology</i> , 2017, 244, 996-1005.	4.8	38
59	Yield and Characteristics of Pyrolysis Products Obtained from <i>Schizochytrium limacinum</i> under Different Temperature Regimes. <i>Energies</i> , 2013, 6, 3339-3352.	1.6	37
60	Monitoring Volatile Fatty Acids and Carbonate Alkalinity in Anaerobic Digestion: Titration Methodologies. <i>Chemical Engineering and Technology</i> , 2016, 39, 599-610.	0.9	37
61	Mechanisms of genuine humic acid evolution and its dynamic interaction with methane production in anaerobic digestion processes. <i>Chemical Engineering Journal</i> , 2021, 408, 127322.	6.6	37
62	Balancing acidogenesis and methanogenesis metabolism in thermophilic anaerobic digestion of food waste under a high loading rate. <i>Science of the Total Environment</i> , 2022, 824, 153867.	3.9	37
63	Liquid digestate recycled utilization in anaerobic digestion of pig manure: Effect on methane production, system stability and heavy metal mobilization. <i>Energy</i> , 2017, 141, 1695-1704.	4.5	36
64	Metabolic performance of anaerobic digestion of chicken manure under wet, high solid, and dry conditions. <i>Bioresource Technology</i> , 2020, 296, 122342.	4.8	36
65	Dynamic evolution of humic acids during anaerobic digestion: Exploring an effective auxiliary agent for heavy metal remediation. <i>Bioresource Technology</i> , 2021, 320, 124331.	4.8	34
66	Enhancing the performance of thermophilic anaerobic digestion of food waste by introducing a hybrid anaerobic membrane bioreactor. <i>Bioresource Technology</i> , 2021, 341, 125861.	4.8	33
67	The intensified constructed wetlands are promising for treatment of ammonia stripped effluent: Nitrogen transformations and removal pathways. <i>Environmental Pollution</i> , 2018, 236, 273-282.	3.7	32
68	Overcome inhibition of anaerobic digestion of chicken manure under ammonia-stressed condition by lowering the organic loading rate. <i>Bioresource Technology Reports</i> , 2020, 9, 100359.	1.5	31
69	Development and validation of a simplified titration method for monitoring volatile fatty acids in anaerobic digestion. <i>Waste Management</i> , 2017, 67, 43-50.	3.7	29
70	Effect of glucose and cellulase addition on wet-storage of excessively wilted maize stover and biogas production. <i>Bioresource Technology</i> , 2018, 259, 198-206.	4.8	29
71	Ensiling process for efficient biogas production from lignocellulosic substrates: Methods, mechanisms, and measures. <i>Bioresource Technology</i> , 2021, 342, 125928.	4.8	29
72	Synergetic effect of combined ensiling of freshly harvested and excessively wilted maize stover for efficient biogas production. <i>Bioresource Technology</i> , 2019, 285, 121338.	4.8	27

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73	Revealing the link between evolution of electron transfer capacity of humic acid and key enzyme activities during anaerobic digestion. <i>Journal of Environmental Management</i> , 2022, 301, 113914.	3.8	27
74	Direct combustion of waste oil in domestic stove by an internal heat re-circulation atomization technology: Emission and performance analysis. <i>Waste Management</i> , 2020, 104, 20-32.	3.7	26
75	Performance evaluation and optimization of field-scale bioscrubbers for intensive pig house exhaust air treatment in northern Germany. <i>Science of the Total Environment</i> , 2017, 579, 694-701.	3.9	24
76	Conversion of bio-derived phenolic compounds into aromatic hydrocarbons by co-feeding methanol over γ -Al ₂ O ₃ . <i>Fuel</i> , 2018, 233, 113-122.	3.4	24
77	The Potential of Bioelectrochemical Sensor for Monitoring of Acetate During Anaerobic Digestion: Focusing on Novel Reactor Design. <i>Frontiers in Microbiology</i> , 2018, 9, 3357.	1.5	24
78	Effect of flocculation pre-treatment on membrane nutrient recovery of digested chicken slurry: Mitigating suspended solids and retaining nutrients. <i>Chemical Engineering Journal</i> , 2018, 352, 855-862.	6.6	22
79	The potential co-benefits for health, economy and climate by substituting raw coal with waste cooking oil as a winter heating fuel in rural households of northern China. <i>Environmental Research</i> , 2021, 194, 110683.	3.7	22
80	Determinants of Household Energy Choice for Cooking in Northern Sudan: A Multinomial Logit Estimation. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 11480.	1.2	22
81	Removal of organic matter, nitrogen and faecal indicators from diluted anaerobically digested slurry using tidal flow constructed wetlands. <i>Environmental Science and Pollution Research</i> , 2017, 24, 5486-5496.	2.7	21
82	Selecting the optimal nutrients recovery application for a biogas slurry based on its characteristics and the local environmental conditions: A critical review. <i>Science of the Total Environment</i> , 2022, 814, 152700.	3.9	21
83	Available Resources for Algal Biofuel Development in China. <i>Energies</i> , 2011, 4, 1321-1335.	1.6	20
84	Treatment of Alkaline Stripped Effluent in Aerated Constructed Wetlands: Feasibility Evaluation and Performance Enhancement. <i>Water (Switzerland)</i> , 2016, 8, 386.	1.2	20
85	Pathways of nitrobenzene degradation in horizontal subsurface flow constructed wetlands: Effect of intermittent aeration and glucose addition. <i>Journal of Environmental Management</i> , 2016, 166, 38-44.	3.8	20
86	The metabolic performance and microbial communities of anaerobic digestion of chicken manure under stressed ammonia condition: A case study of a 10-year successful biogas plant. <i>Renewable Energy</i> , 2021, 167, 644-651.	4.3	20
87	Nano agrochemical zinc oxide influences microbial activity, carbon, and nitrogen cycling of applied manures in the soil-plant system. <i>Environmental Pollution</i> , 2022, 293, 118559.	3.7	20
88	Challenges of pathogen inactivation in animal manure through anaerobic digestion: a short review. <i>Bioengineered</i> , 2022, 13, 1149-1161.	1.4	20
89	A promising strategy for nutrient recovery using heterotrophic indigenous microflora from liquid biogas digestate. <i>Science of the Total Environment</i> , 2019, 690, 492-501.	3.9	19
90	Response of the microbial community to the methanogenic performance of biologically hydrolyzed sewage sludge with variable hydraulic retention times. <i>Bioresource Technology</i> , 2019, 288, 121581.	4.8	19

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91	Co-digestion of <i>Laminaria digitata</i> with cattle manure: A unimodel simulation study of both batch and continuous experiments. <i>Bioresource Technology</i> , 2019, 276, 361-368.	4.8	19
92	Enhancing pathogen inactivation in pig manure by introducing thermophilic and hyperthermophilic hygienization in a two-stage anaerobic digestion process. <i>Waste Management</i> , 2022, 144, 123-131.	3.7	19
93	The Influences of Various Testing Conditions on the Evaluation of Household Biomass Pellet Fuel Combustion. <i>Energies</i> , 2018, 11, 1131.	1.6	18
94	Influence of operation conditions on methane production from swine wastewater treated by a self-agitation anaerobic reactor. <i>International Biodeterioration and Biodegradation</i> , 2019, 143, 104710.	1.9	18
95	Untargeted Metabolite Profiling for Screening Bioactive Compounds in Digestate of Manure under Anaerobic Digestion. <i>Water (Switzerland)</i> , 2019, 11, 2420.	1.2	16
96	Butyric Acid Fermentation during Ensiling of Wilted Maize Stover for Efficient Methane Production. <i>ACS Sustainable Chemistry and Engineering</i> , 2020, 8, 6713-6721.	3.2	16
97	New insights into interactions of organic substances in poultry slurry with struvite formation: An overestimated concern?. <i>Science of the Total Environment</i> , 2021, 751, 141789.	3.9	16
98	The materials flow and membrane filtration performance in treating the organic fraction of municipal solid waste leachate by a high solid type of submerged anaerobic membrane bioreactor. <i>Bioresource Technology</i> , 2021, 329, 124927.	4.8	16
99	Optimization of high-rate TN removal in a novel constructed wetland integrated with microelectrolysis system treating high-strength digestate supernatant. <i>Journal of Environmental Management</i> , 2016, 178, 42-51.	3.8	15
100	Simultaneous H ₂ S mitigation and methanization enhancement of chicken manure through the introduction of the micro-aeration approach. <i>Chemosphere</i> , 2020, 253, 126687.	4.2	15
101	Enhancement mechanism of biogas potential from lignocellulosic substrates in the ensiling process via acid-based hydrolysis and biological degradation. <i>Journal of Cleaner Production</i> , 2021, 319, 128826.	4.6	14
102	Ensiling excessively wilted maize stover with biogas slurry: Effects on storage performance and subsequent biogas potential. <i>Bioresource Technology</i> , 2020, 305, 123042.	4.8	13
103	Nutrients recovery from fresh liquid manure through an airlift reactor to mitigate the greenhouse gas emissions of open anaerobic lagoons. <i>Journal of Environmental Management</i> , 2021, 294, 112956.	3.8	13
104	Determination of Tetracycline, Oxytetracycline, Sulfadiazine, Norfloxacin, and Enrofloxacin in Swine Manure Using a Coupled Method of On-Line Solid-Phase Extraction with the UHPLC-DAD. <i>Antibiotics</i> , 2021, 10, 1397.	1.5	13
105	Biofilter with mixture of pine bark and expanded clay as packing material for methane treatment in lab-scale experiment and field-scale implementation. <i>Environmental Science and Pollution Research</i> , 2018, 25, 31297-31306.	2.7	12
106	Indolic Derivatives Metabolism in the Anaerobic Reactor Treating Animal Manure: Pathways and Regulation. <i>ACS Sustainable Chemistry and Engineering</i> , 2018, 6, 11511-11518.	3.2	12
107	Enhancing anaerobic digestion of dairy and swine wastewater by adding trace elements: evaluation in batch and continuous experiments. <i>Water Science and Technology</i> , 2019, 80, 1662-1672.	1.2	12
108	Innovative air-cathode bioelectrochemical sensor for monitoring of total volatile fatty acids during anaerobic digestion. <i>Chemosphere</i> , 2021, 273, 129660.	4.2	12

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109	Mitigating membrane fouling in a high solid food waste thermophilic anaerobic membrane bioreactor by incorporating fixed bed bio-carriers. <i>Chemosphere</i> , 2022, 292, 133488.	4.2	12
110	Predicting membrane fouling in a high solid AnMBR treating OFMSW leachate through a genetic algorithm and the optimization of a BP neural network model. <i>Journal of Environmental Management</i> , 2022, 307, 114585.	3.8	12
111	Optimization of Alkaline Flocculation for Harvesting of <i>Scenedesmus quadricauda</i> #507 and <i>Chaetoceros muelleri</i> #862. <i>Energies</i> , 2014, 7, 6186-6195.	1.6	11
112	Performance evaluation of a Chinese medium-sized agricultural biogas plant at ambient temperature. <i>Engineering in Life Sciences</i> , 2012, 12, 336-342.	2.0	10
113	Biomass Measurement of Microalgae Cultivated under Photoautotrophic Conditions for Biofuels. <i>Energy Sources, Part A: Recovery, Utilization and Environmental Effects</i> , 2015, 37, 1447-1454.	1.2	10
114	Outdoor Growth Characterization of an Unknown Microalga Screened from Contaminated <i>Chlorella</i> Culture. <i>BioMed Research International</i> , 2017, 2017, 1-7.	0.9	10
115	Biostimulation of sewage sludge solubilization and methanization by hyper-thermophilic pre-hydrolysis stage and the shifts of microbial structure profiles. <i>Science of the Total Environment</i> , 2020, 699, 134373.	3.9	10
116	Stabilization of Preliminary Anaerobically Digested Slurry in Post-Storage: Dynamics of Chemical Characteristics and Hygienic Quality. <i>Water, Air, and Soil Pollution</i> , 2017, 228, 1.	1.1	9
117	Influence of Anaerobic Digestion Processes on the Germination of Weed Seeds. <i>Gesunde Pflanzen</i> , 2020, 72, 181-194.	1.7	9
118	Performance of two laboratory-scale horizontal wetlands under varying influent loads treating artificial sewage. <i>Engineering in Life Sciences</i> , 2012, 12, 178-187.	2.0	8
119	Process Analysis of Alkaline Flocculation Harvesting for <i>Chaetoceros muelleri</i> and <i>Scenedesmus quadricauda</i> . <i>Bioenergy Research</i> , 2016, 9, 682-690.	2.2	8
120	Urea-assisted ensiling process of wilted maize stover for profitable biomethane production. <i>Science of the Total Environment</i> , 2021, 757, 143751.	3.9	8
121	Nitrogen Migration during Pyrolysis of Raw and Acid Leached Maize Straw. <i>Sustainability</i> , 2021, 13, 3786.	1.6	7
122	Response of Different Band Combinations in Gaofen-6 WFV for Estimating of Regional Maize Straw Resources Based on Random Forest Classification. <i>Sustainability</i> , 2021, 13, 4603.	1.6	7
123	Upgrading the performance of high solids feeding anaerobic digestion of chicken manure under extremely high ammonia level. <i>Renewable Energy</i> , 2022, 194, 13-20.	4.3	7
124	Evaluation of PAHs, PM _{2.5} and gaseous emissions from solid fuel direct-fired and cross-draft stoves. <i>International Journal of Environmental Analytical Chemistry</i> , 2022, 102, 1318-1331.	1.8	6
125	Alternative Management Systems of Beef Cattle Manure for Reducing Nitrogen Loadings: A Case-Study Approach. <i>Animals</i> , 2021, 11, 574.	1.0	6
126	Quantitative characterization and effective inactivation of biological hazards in struvite recovered from digested poultry slurry. <i>Water Research</i> , 2021, 204, 117659.	5.3	6

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127	Coupling biorefinery and biogas production from maize stover by enhancing the ensiling process: Role of the carbon/nitrogen ratio and buffer capacity. <i>Journal of Cleaner Production</i> , 2022, 339, 130770.	4.6	6
128	Investigating the Evolution of Structural Characteristics of Humic Acid Generated during the Continuous Anaerobic Digestion and Its Potential for Chromium Adsorption and Reduction. <i>Fermentation</i> , 2022, 8, 322.	1.4	6
129	Optimisation of bioscrubber systems to simultaneously remove methane and purify wastewater from intensive pig farms. <i>Environmental Science and Pollution Research</i> , 2019, 26, 15847-15856.	2.7	5
130	Operating Performance of Full-Scale Agricultural Biogas Plants in Germany and China: Results of a Year-Round Monitoring Program. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 1271.	1.3	5
131	Exploring Bioactive Compounds in Anaerobically Digested Slurry: Extraction, Characterization, and Assessment of Antifungal Activity. <i>Waste and Biomass Valorization</i> , 2020, 11, 1863-1872.	1.8	4
132	Upgrading Solid Digestate from Anaerobic Digestion of Agricultural Waste as Performance Enhancer for Starch-Based Mulching Biofilm. <i>Molecules</i> , 2021, 26, 832.	1.7	4
133	Manure treatment and recycling technologies. , 2022, , 161-180.		4
134	Response of phosphorus speciation to organic loading rates and temperatures during anaerobic co-digestion of animal manures and wheat straw. <i>Science of the Total Environment</i> , 2022, 838, 155921.	3.9	4
135	Enhancing Anaerobic Degradation of Lignocellulose-Rich Reed Straw by Adopting Grinding Pretreatment and High Temperature. <i>Waste and Biomass Valorization</i> , 2021, 12, 6067-6079.	1.8	3
136	Impact of fuel size on combustion performance and gaseous pollutant emissions from solid fuel in a domestic cross-draft gasifier stove. <i>International Journal of Environmental Analytical Chemistry</i> , 0, , 1-12.	1.8	2
137	Key differences of performance test protocols for household biomass cookstoves. , 2014, , .		1