Renjie Dong

List of Publications by Year
in descending order

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	Evaluation of PAHs, PM_{2.5} and gaseous emissions from solid fuel direct-fired and cross-draft stoves. International Journal of Environmental Analytical Chemistry, 2022, 102, 1318-1331.	1.8	6
2	Manure treatment and recycling technologies. , 2022, , 161-180.		4
3	Revealing the link between evolution of electron transfer capacity of humic acid and key enzyme activities during anaerobic digestion. Journal of Environmental Management, 2022, 301, 113914.	3.8	27
4	Nano agrochemical zinc oxide influences microbial activity, carbon, and nitrogen cycling of applied manures in the soil-plant system. Environmental Pollution, 2022, 293, 118559.	3.7	20
5	Selecting the optimal nutrients recovery application for a biogas slurry based on its characteristics and the local environmental conditions: A critical review. Science of the Total Environment, 2022, 814, 152700.	3.9	21
6	Mitigating membrane fouling in a high solid food waste thermophilic anaerobic membrane bioreactor by incorporating fixed bed bio-carriers. Chemosphere, 2022, 292, 133488.	4.2	12
7	Challenges of pathogen inactivation in animal manure through anaerobic digestion: a short review. Bioengineered, 2022, 13, 1149-1161.	1.4	20
8	Coupling biorefinery and biogas production from maize stover by enhancing the ensiling process: Role of the carbon/nitrogen ratio and buffer capacity. Journal of Cleaner Production, 2022, 339, 130770.	4.6	6
9	Predicting membrane fouling in a high solid AnMBR treating OFMSW leachate through a genetic algorithm and the optimization of a BP neural network model. Journal of Environmental Management, 2022, 307, 114585.	3.8	12
10	Enhancing pathogen inactivation in pig manure by introducing thermophilic and hyperthermophilic hygienization in a two-stage anaerobic digestion process. Waste Management, 2022, 144, 123-131.	3.7	19
11	Balancing acidogenesis and methanogenesis metabolism in thermophilic anaerobic digestion of food waste under a high loading rate. Science of the Total Environment, 2022, 824, 153867.	3.9	37
12	Response of phosphorus speciation to organic loading rates and temperatures during anaerobic co-digestion of animal manures and wheat straw. Science of the Total Environment, 2022, 838, 155921.	3.9	4
13	Upgrading the performance of high solids feeding anaerobic digestion of chicken manure under extremely high ammonia level. Renewable Energy, 2022, 194, 13-20.	4.3	7
14	Investigating the Evolution of Structural Characteristics of Humic Acid Generated during the Continuous Anaerobic Digestion and Its Potential for Chromium Adsorption and Reduction. Fermentation, 2022, 8, 322.	1.4	6
15	Dynamic evolution of humic acids during anaerobic digestion: Exploring an effective auxiliary agent for heavy metal remediation. Bioresource Technology, 2021, 320, 124331.	4.8	34
16	Mechanisms of genuine humic acid evolution and its dynamic interaction with methane production in anaerobic digestion processes. Chemical Engineering Journal, 2021, 408, 127322.	6.6	37
17	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. Renewable Energy, 2021, 167, 644-651.	4.3	20
18	New insights into interactions of organic substances in poultry slurry with struvite formation: An overestimated concern?. Science of the Total Environment, 2021, 751, 141789.	3.9	16

#	Article	IF	Citations
19	Alternative Management Systems of Beef Cattle Manure for Reducing Nitrogen Loadings: A Case-Study Approach. Animals, 2021, 11, 574.	1.0	6
20	Upgrading Solid Digestate from Anaerobic Digestion of Agricultural Waste as Performance Enhancer for Starch-Based Mulching Biofilm. Molecules, 2021, 26, 832.	1.7	4
21	Urea-assisted ensiling process of wilted maize stover for profitable biomethane production. Science of the Total Environment, 2021, 757, 143751.	3.9	8
22	Nitrogen Migration during Pyrolysis of Raw and Acid Leached Maize Straw. Sustainability, 2021, 13, 3786.	1.6	7
23	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. Environmental Research, 2021, 194, 110683.	3.7	22
24	Enhancing Anaerobic Degradation of Lignocellulose-Rich Reed Straw by Adopting Grinding Pretreatment and High Temperature. Waste and Biomass Valorization, 2021, 12, 6067-6079.	1.8	3
25	Response of Different Band Combinations in Gaofen-6 WFV for Estimating of Regional Maize Straw Resources Based on Random Forest Classification. Sustainability, 2021, 13, 4603.	1.6	7
26	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. Bioresource Technology, 2021, 329, 124927.	4.8	16
27	Innovative air-cathode bioelectrochemical sensor for monitoring of total volatile fatty acids during anaerobic digestion. Chemosphere, 2021, 273, 129660.	4.2	12
28	A review targeting veterinary antibiotics removal from livestock manure management systems and future outlook. Bioresource Technology, 2021, 333, 125069.	4.8	104
29	Nutrients recovery from fresh liquid manure through an airlift reactor to mitigate the greenhouse gas emissions of open anaerobic lagoons. Journal of Environmental Management, 2021, 294, 112956.	3.8	13
30	Quantitative characterization and effective inactivation of biological hazards in struvite recovered from digested poultry slurry. Water Research, 2021, 204, 117659.	5.3	6
31	Enhancement mechanism of biogas potential from lignocellulosic substrates in the ensiling process via acid-based hydrolysis and biological degradation. Journal of Cleaner Production, 2021, 319, 128826.	4.6	14
32	Enhancing the performance of thermophilic anaerobic digestion of food waste by introducing a hybrid anaerobic membrane bioreactor. Bioresource Technology, 2021, 341, 125861.	4.8	33
33	Ensiling process for efficient biogas production from lignocellulosic substrates: Methods, mechanisms, and measures. Bioresource Technology, 2021, 342, 125928.	4.8	29
34	Recent progress towards in-situ biogas upgrading technologies. Science of the Total Environment, 2021, 800, 149667.	3.9	55
35	Operating Performance of Full-Scale Agricultural Biogas Plants in Germany and China: Results of a Year-Round Monitoring Program. Applied Sciences (Switzerland), 2021, 11, 1271.	1.3	5
36	Determinants of Household Energy Choice for Cooking in Northern Sudan: A Multinomial Logit Estimation. International Journal of Environmental Research and Public Health, 2021, 18, 11480.	1.2	22

#	Article	IF	Citations
37	Determination of Tetracycline, Oxytetracycline, Sulfadiazine, Norfloxacin, and Enrofloxacin in Swine Manure Using a Coupled Method of On-Line Solid-Phase Extraction with the UHPLCâ€“DAD. Antibiotics, 2021, 10, 1397.	1.5	13
38	Exploring Bioactive Compounds in Anaerobically Digested Slurry: Extraction, Characterization, and Assessment of Antifungal Activity. Waste and Biomass Valorization, 2020, 11, 1863-1872.	1.8	4
39	Biostimulation of sewage sludge solubilization and methanization by hyper-thermophilic pre-hydrolysis stage and the shifts of microbial structure profiles. Science of the Total Environment, 2020, 699, 134373.	3.9	10
40	Probing the efficiency of magnetically modified biomass-derived biochar for effective phosphate removal. Journal of Environmental Management, 2020, 253, 109730.	3.8	107
41	Improved high solid anaerobic digestion of chicken manure by moderate in situ ammonia stripping and its relation to metabolic pathway. Renewable Energy, 2020, 146, 2380-2389.	4.3	70
42	Metabolic performance of anaerobic digestion of chicken manure under wet, high solid, and dry conditions. Bioresource Technology, 2020, 296, 122342.	4.8	36
43	Overcome inhibition of anaerobic digestion of chicken manure under ammonia-stressed condition by lowering the organic loading rate. Bioresource Technology Reports, 2020, 9, 100359.	1.5	31
44	Anaerobic digestion of food waste for bio-energy production in China and Southeast Asia: A review. Renewable and Sustainable Energy Reviews, 2020, 133, 110138.	8.2	127
45	Influence of anaerobic digestion on the labile phosphorus in pig, chicken, and dairy manure. Science of the Total Environment, 2020, 737, 140234.	3.9	40
46	Influence of Anaerobic Digestion Processes on the Germination of Weed Seeds. Gesunde Pflanzen, 2020, 72, 181-194.	1.7	9
47	Ensiling excessively wilted maize stover with biogas slurry: Effects on storage performance and subsequent biogas potential. Bioresource Technology, 2020, 305, 123042.	4.8	13
48	Direct combustion of waste oil in domestic stove by an internal heat re-circulation atomization technology: Emission and performance analysis. Waste Management, 2020, 104, 20-32.	3.7	26
49	Simultaneous H2S mitigation and methanization enhancement of chicken manure through the introduction of the micro-aeration approach. Chemosphere, 2020, 253, 126687.	4.2	15
50	Use of nano-/micro-magnetite for abatement of cadmium and lead contamination. Journal of Environmental Management, 2020, 264, 110477.	3.8	50
51	Butyric Acid Fermentation during Ensiling of Wilted Maize Stover for Efficient Methane Production. ACS Sustainable Chemistry and Engineering, 2020, 8, 6713-6721.	3.2	16
52	Synthesis of humic-like acid from biomass pretreatment liquor: Quantitative appraisal of electron transferring capacity and metal-binding potential. Journal of Cleaner Production, 2020, 255, 120243.	4.6	43
53	Bio-hydrogen and bio-methane production from food waste in a two-stage anaerobic digestion process with digestate recirculation. Renewable Energy, 2019, 130, 1108-1115.	4.3	126
54	A promising strategy for nutrient recovery using heterotrophic indigenous microflora from liquid biogas digestate. Science of the Total Environment, 2019, 690, 492-501.	3.9	19

#	Article	IF	Citations
55	Influence of operation conditions on methane production from swine wastewater treated by a self-agitation anaerobic reactor. International Biodeterioration and Biodegradation, 2019, 143, 104710.	1.9	18
56	Enhanced methanogenic performance and metabolic pathway of high solid anaerobic digestion of chicken manure by Fe2+ and Ni2+ supplementation. Waste Management, 2019, 94, 10-17.	3.7	41
57	Response of the microbial community to the methanogenic performance of biologically hydrolyzed sewage sludge with variable hydraulic retention times. Bioresource Technology, 2019, 288, 121581.	4.8	19
58	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. Sustainability, 2019, 11, 3211.	1.6	155
59	Exploring stability indicators for efficient monitoring of anaerobic digestion of pig manure under perturbations. Waste Management, 2019, 91, 139-146.	3.7	39
60	Synergetic effect of combined ensiling of freshly harvested and excessively wilted maize stover for efficient biogas production. Bioresource Technology, 2019, 285, 121338.	4.8	27
61	Natural gas and electricity: Two perspective technologies of substituting coalâ€burning stoves for rural heating and cooking in Hebei Province of China. Energy Science and Engineering, 2019, 7, 120-131.	1.9	57
62	Optimisation of bioscrubber systems to simultaneously remove methane and purify wastewater from intensive pig farms. Environmental Science and Pollution Research, 2019, 26, 15847-15856.	2.7	5
63	Effects of organic loading rate on anaerobic digestion of chicken manure under mesophilic and thermophilic conditions. Renewable Energy, 2019, 139, 242-250.	4.3	60
64	Enhancing anaerobic digestion of dairy and swine wastewater by adding trace elements: evaluation in batch and continuous experiments. Water Science and Technology, 2019, 80, 1662-1672.	1.2	12
65	Untargeted Metabolite Profiling for Screening Bioactive Compounds in Digestate of Manure under Anaerobic Digestion. Water (Switzerland), 2019, 11, 2420.	1.2	16
66	Innovative operation of microbial fuel cell-based biosensor for selective monitoring of acetate during anaerobic digestion. Science of the Total Environment, 2019, 655, 1439-1447.	3.9	41
67	Co-digestion of Laminaria digitata with cattle manure: A unimodel simulation study of both batch and continuous experiments. Bioresource Technology, 2019, 276, 361-368.	4.8	19
68	Biochar seeding promotes struvite formation, but accelerates heavy metal accumulation. Science of the Total Environment, 2019, 652, 623-632.	3.9	39
69	The correlation of methanogenic communitiesâ€™ dynamics and process performance of anaerobic digestion of thermal hydrolyzed sludge at short hydraulic retention times. Bioresource Technology, 2019, 272, 180-187.	4.8	41
70	Formation of struvite from agricultural wastewaters and its reuse on farmlands: Status and hindrances to closing the nutrient loop. Journal of Environmental Management, 2019, 230, 1-13.	3.8	67
71	Nutrient recovery from anaerobically digested chicken slurry via struvite: Performance optimization and interactions with heavy metals and pathogens. Science of the Total Environment, 2018, 635, 1-9.	3.9	70
72	The intensified constructed wetlands are promising for treatment of ammonia stripped effluent: Nitrogen transformations and removal pathways. Environmental Pollution, 2018, 236, 273-282.	3.7	32

#	Article	IF	Citations
73	Impact of temperature and substrate concentration on degradation rates of acetate, propionate and hydrogen and their links to microbial community structure. Bioresource Technology, 2018, 256, 44-52.	4.8	41
74	Effect of glucose and cellulase addition on wet-storage of excessively wilted maize stover and biogas production. Bioresource Technology, 2018, 259, 198-206.	4.8	29
75	Long-term bio-H2 and bio-CH4 production from food waste in a continuous two-stage system: Energy efficiency and conversion pathways. Bioresource Technology, 2018, 248, 204-213.	4.8	64
76	Biofilter with mixture of pine bark and expanded clay as packing material for methane treatment in lab-scale experiment and field-scale implementation. Environmental Science and Pollution Research, 2018, 25, 31297-31306.	2.7	12
77	Phosphate removal from aqueous solution using iron oxides: Adsorption, desorption and regeneration characteristics. Journal of Colloid and Interface Science, 2018, 528, 145-155.	5.0	247
78	Effect of flocculation pre-treatment on membrane nutrient recovery of digested chicken slurry: Mitigating suspended solids and retaining nutrients. Chemical Engineering Journal, 2018, 352, 855-862.	6.6	22
79	Indolic Derivatives Metabolism in the Anaerobic Reactor Treating Animal Manure: Pathways and Regulation. ACS Sustainable Chemistry and Engineering, 2018, 6, 11511-11518.	3.2	12
80	The Influences of Various Testing Conditions on the Evaluation of Household Biomass Pellet Fuel Combustion. Energies, 2018, 11, 1131.	1.6	18
81	Conversion of bio-derived phenolic compounds into aromatic hydrocarbons by co-feeding methanol over Î³-Al2O3. Fuel, 2018, 233, 113-122.	3.4	24
82	The Potential of Bioelectrochemical Sensor for Monitoring of Acetate During Anaerobic Digestion: Focusing on Novel Reactor Design. Frontiers in Microbiology, 2018, 9, 3357.	1.5	24
83	Searching for possibilities to improve the performance of full scale agricultural biogas plants. Renewable Energy, 2018, 116, 720-727.	4.3	68
84	The performance efficiency of bioaugmentation to prevent anaerobic digestion failure from ammonia and propionate inhibition. Bioresource Technology, 2017, 231, 94-100.	4.8	85
85	Combined effect of crude fat content and initial substrate concentration on batch anaerobic digestion characteristics of food waste. Bioresource Technology, 2017, 232, 304-312.	4.8	57
86	Development and validation of a simplified titration method for monitoring volatile fatty acids in anaerobic digestion. Waste Management, 2017, 67, 43-50.	3.7	29
87	Composting potential of the solid fraction of digested pulp produced by a biogas plant. Biosystems Engineering, 2017, 160, 25-29.	1.9	42
88	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. Waste Management, 2017, 64, 340-347.	3.7	60
89	Treatment of anaerobic digested effluent in biochar-packed vertical flow constructed wetland columns: Role of media and tidal operation. Science of the Total Environment, 2017, 592, 197-205.	3.9	174
90	Treatment of anaerobic digestate supernatant in microbial fuel cell coupled constructed wetlands: Evaluation of nitrogen removal, electricity generation, and bacterial community response. Science of the Total Environment, 2017, 580, 339-346.	3.9	58

#	Article	IF	Citations
91	Removal of organic matter, nitrogen and faecal indicators from diluted anaerobically digested slurry using tidal flow constructed wetlands. Environmental Science and Pollution Research, 2017, 24, 5486-5496.	2.7	21
92	Performance evaluation and optimization of field-scale bioscrubbers for intensive pig house exhaust air treatment in northern Germany. Science of the Total Environment, 2017, 579, 694-701.	3.9	24
93	Improving methane production and anaerobic digestion stability of food waste by extracting lipids and mixing it with sewage sludge. Bioresource Technology, 2017, 244, 996-1005.	4.8	38
94	Stabilization of Preliminary Anaerobically Digested Slurry in Post-Storage: Dynamics of Chemical Characteristics and Hygienic Quality. Water, Air, and Soil Pollution, 2017, 228, 1.	1.1	9
95	Liquid digestate recycled utilization in anaerobic digestion of pig manure: Effect on methane production, system stability and heavy metal mobilization. Energy, 2017, 141, 1695-1704.	4.5	36
96	Phosphate recovery from liquid fraction of anaerobic digestate using four slow pyrolyzed biochars: Dynamics of adsorption, desorption and regeneration. Journal of Environmental Management, 2017, 201, 260-267.	3.8	108
97	An Overview on Catalytic Hydrodeoxygenation of Pyrolysis Oil and Its Model Compounds. Catalysts, 2017, 7, 169.	1.6	148
98	Outdoor Growth Characterization of an Unknown Microalga Screened from Contaminated Chlorella Culture. BioMed Research International, 2017, 2017, 1-7.	0.9	10
99	Treatment of Alkaline Stripped Effluent in Aerated Constructed Wetlands: Feasibility Evaluation and Performance Enhancement. Water (Switzerland), 2016, 8, 386.	1.2	20
100	Evaluation of ammonium adsorption in biochar-fixed beds for treatment of anaerobically digested swine slurry: Experimental optimization and modeling. Science of the Total Environment, 2016, 563-564, 1095-1104.	3.9	64
101	Optimization of high-rate TN removal in a novel constructed wetland integrated with microelectrolysis system treating high-strength digestate supernatant. Journal of Environmental Management, 2016, 178, 42-51.	3.8	15
102	Thermodynamically enhancing propionic acid degradation by using sulfate as an external electron acceptor in a thermophilic anaerobic membrane reactor. Water Research, 2016, 106, 320-329.	5.3	50
103	Anaerobic digestion of straw and corn stover: The effect of biological process optimization and pre-treatment on total bio-methane yield and energy performance. Biotechnology Advances, 2016, 34, 1289-1304.	6.0	144
104	Dark fermentation, anaerobic digestion and microbial fuel cells: An integrated system to valorize swine manure and rice bran. Waste Management, 2016, 56, 519-529.	3.7	54
105	Monitoring Volatile Fatty Acids and Carbonate Alkalinity in Anaerobic Digestion: Titration Methodologies. Chemical Engineering and Technology, 2016, 39, 599-610.	0.9	37
106	Bio-hydrolysis and bio-hydrogen production from food waste by thermophilic and hyperthermophilic anaerobic process. Bioresource Technology, 2016, 216, 768-777.	4.8	60
107	Process Analysis of Alkaline Flocculation Harvesting for Chaetoceros muelleri and Scenedesmus quadricauda. Bioenergy Research, 2016, 9, 682-690.	2.2	8
108	Properties of plant nutrient: Comparison of two nutrient recovery techniques using liquid fraction of digestate from anaerobic digester treating pig manure. Science of the Total Environment, 2016, 544, 774-781.	3.9	62

#	Article	IF	Citations
109	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. Bioresource Technology, 2016, 205, 75-81.	4.8	61
110	Pathways of nitrobenzene degradation in horizontal subsurface flow constructed wetlands: Effect of intermittent aeration and glucose addition. Journal of Environmental Management, 2016, 166, 38-44.	3.8	20
111	Sanitation in constructed wetlands: A review on the removal of human pathogens and fecal indicators. Science of the Total Environment, 2016, 541, 8-22.	3.9	193
112	Dynamics of organic matter, nitrogen and phosphorus removal and their interactions in a tidal operated constructed wetland. Journal of Environmental Management, 2015, 151, 310-316.	3.8	54
113	Biomass Measurement of Microalgae Cultivated under Photoautotrophic Conditions for Biofuels. Energy Sources, Part A: Recovery, Utilization and Environmental Effects, 2015, 37, 1447-1454.	1.2	10
114	Fed-batch cultivation of Desmodesmus sp. in anaerobic digestion wastewater for improved nutrient removal and biodiesel production. Bioresource Technology, 2015, 184, 116-122.	4.8	80
115	Performance enhancement of leaf vegetable waste in two-stage anaerobic systems under high organic loading rate: Role of recirculation and hydraulic retention time. Applied Energy, 2015, 147, 279-286.	5.1	39
116	Treatment of industrial effluents in constructed wetlands: Challenges, operational strategies and overall performance. Environmental Pollution, 2015, 201, 107-120.	3.7	166
117	Performance and kinetic evaluation of semi-continuously fed anaerobic digesters treating food waste: Role of trace elements. Bioresource Technology, 2015, 178, 297-305.	4.8	123
118	Evaluation of slow pyrolyzed wood and rice husks biochar for adsorption of ammonium nitrogen from piggery manure anaerobic digestate slurry. Science of the Total Environment, 2015, 505, 102-112.	3.9	412
119	Optimization of Alkaline Flocculation for Harvesting of Scenedesmus quadricauda #507 and Chaetoceros muelleri #862. Energies, 2014, 7, 6186-6195.	1.6	11
120	Anaerobic digestion characteristics of pig manures depending on various growth stages and initial substrate concentrations in a scaled pig farm in Southern China. Bioresource Technology, 2014, 156, 63-69.	4.8	70
121	Development of constructed wetlands inÂperformance intensifications for wastewater treatment: A nitrogen and organic matter targeted review. Water Research, 2014, 57, 40-55.	5.3	489
122	Biomass production and nutrients removal by a new microalgae strain Desmodesmus sp. in anaerobic digestion wastewater. Bioresource Technology, 2014, 161, 200-207.	4.8	133
123	Intensified nitrogen and phosphorus removal in a novel electrolysis-integrated tidal flow constructed wetland system. Water Research, 2014, 59, 37-45.	5.3	70
124	Dynamics of nitrogen transformation depending on different operational strategies in laboratory-scale tidal flow constructed wetlands. Science of the Total Environment, 2014, 487, 49-56.	3.9	46
125	Key differences of performance test protocols for household biomass cookstoves. , 2014, , .		1
126	Performance and kinetic evaluation of a semi-continuously fed anaerobic digester treating food waste: Effect of trace elements on the digester recovery and stability. Chemosphere, 2014, 117, 477-485.	4.2	62

#	Article	IF	Citations
127	Evaluation of batch anaerobic co-digestion of palm pressed fiber and cattle manure under mesophilic conditions. Waste Management, 2014, 34, 1984-1991.	3.7	54
128	How the novel integration of electrolysis in tidal flow constructed wetlands intensifies nutrient removal and odor control. Bioresource Technology, 2014, 169, 605-613.	4.8	51
129	Performance of two-stage vegetable waste anaerobic digestion depending on varying recirculation rates. Bioresource Technology, 2014, 162, 266-272.	4.8	42
130	Batch anaerobic co-digestion of pig manure with dewatered sewage sludge under mesophilic conditions. Applied Energy, 2014, 128, 175-183.	5.1	210
131	Effects of organic loading rate and effluent recirculation on the performance of two-stage anaerobic digestion of vegetable waste. Bioresource Technology, 2013, 146, 556-561.	4.8	88
132	Yield and Characteristics of Pyrolysis Products Obtained from Schizochytrium limacinum under Different Temperature Regimes. Energies, 2013, 6, 3339-3352.	1.6	37
133	Cultivation of Chlorella zofingiensis in bench-scale outdoor ponds by regulation of pH using dairy wastewater in winter, South China. Bioresource Technology, 2012, 121, 76-82.	4.8	109
134	Performance evaluation of a Chinese mediumâ€sized agricultural biogas plant at ambient temperature. Engineering in Life Sciences, 2012, 12, 336-342.	2.0	10
135	Performance of two laboratoryâ€scale horizontal wetlands under varying influent loads treating artificial sewage. Engineering in Life Sciences, 2012, 12, 178-187.	2.0	8
136	Available Resources for Algal Biofuel Development in China. Energies, 2011, 4, 1321-1335.	1.6	20
137	Impact of fuel size on combustion performance and gaseous pollutant emissions from solid fuel in a domestic cross-draft gasifier stove. International Journal of Environmental Analytical Chemistry, 0, , 1-12.	1.8	2