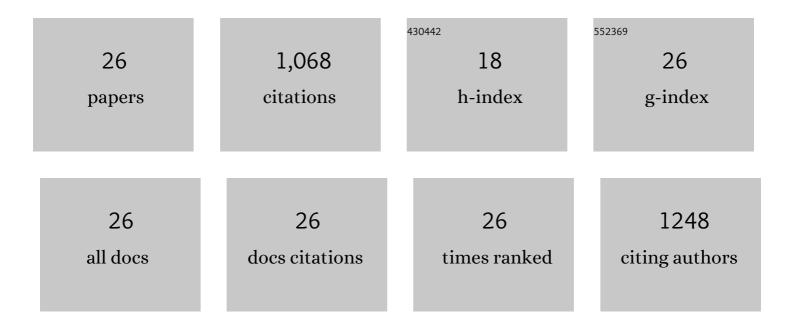
Shuyu Xiang

List of Publications by Year in descending order

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SHUVU XIANC

#	Article	IF	CITATIONS
1	A review on selective production of value-added chemicals via catalytic pyrolysis of lignocellulosic biomass. Science of the Total Environment, 2020, 749, 142386.	3.9	145
2	Comparative study on microwave and conventional hydrothermal pretreatment of bamboo sawdust: Hydrochar properties and its pyrolysis behaviors. Energy Conversion and Management, 2017, 146, 1-7.	4.4	133
3	New progress of ammonia recovery during ammonia nitrogen removal from various wastewaters. World Journal of Microbiology and Biotechnology, 2020, 36, 144.	1.7	78
4	Nutrient removal from digested swine wastewater by combining ammonia stripping with struvite precipitation. Environmental Science and Pollution Research, 2019, 26, 6725-6734.	2.7	61
5	Characterization of additional zinc ions on the growth, biochemical composition and photosynthetic performance from Spirulina platensis. Bioresource Technology, 2018, 269, 285-291.	4.8	59
6	Microwave-assisted catalytic fast pyrolysis coupled with microwave-absorbent of soapstock for bio-oil in a downdraft reactor. Energy Conversion and Management, 2019, 185, 11-20.	4.4	55
7	Effect of chlortetracycline on the growth and intracellular components of Spirulina platensis and its biodegradation pathway. Journal of Hazardous Materials, 2021, 413, 125310.	6.5	53
8	Effects of microwave heating on the protein structure, digestion properties and Maillard products of gluten. Journal of Food Science and Technology, 2020, 57, 2139-2149.	1.4	51
9	Catalytic co-pyrolysis of waste vegetable oil and high density polyethylene for hydrocarbon fuel production. Waste Management, 2017, 61, 276-282.	3.7	49
10	Bioactive peptides derived from traditional Chinese medicine and traditional Chinese food: A review. Food Research International, 2016, 89, 63-73.	2.9	43
11	Fast microwave-assisted catalytic co-pyrolysis of straw stalk and soapstock for bio-oil production. Journal of Analytical and Applied Pyrolysis, 2017, 124, 35-41.	2.6	40
12	Microwave-assisted catalytic fast co-pyrolysis of soapstock and waste tire for bio-oil production. Journal of Analytical and Applied Pyrolysis, 2017, 125, 304-309.	2.6	39
13	Bridging the relationship between hydrothermal pretreatment and co-pyrolysis: Effect of hydrothermal pretreatment on aromatic production. Energy Conversion and Management, 2019, 180, 36-43.	4.4	39
14	Microwave-assisted catalytic co-pyrolysis of soybean straw and soapstock for bio-oil production using SiC ceramic foam catalyst. Journal of Analytical and Applied Pyrolysis, 2018, 133, 76-81.	2.6	34
15	Preparation and characteristics of bentonite–zeolite adsorbent and its application in swine wastewater. Bioresource Technology, 2019, 284, 448-455.	4.8	26
16	Co-pyrolysis of wet torrefied bamboo sawdust and soapstock. Journal of Analytical and Applied Pyrolysis, 2018, 132, 211-216.	2.6	23
17	Catalytic co-pyrolysis of Alternanthera philoxeroides and peanut soapstock via a new continuous fast microwave pyrolysis system. Waste Management, 2019, 88, 102-109.	3.7	23
18	Evaluation of ammonia recovery from swine wastewater via a innovative spraying technology. Bioresource Technology, 2019, 272, 235-240.	4.8	21

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#	Article	IF	CITATIONS
19	Pretreated rice straw improves the biogas production and heavy metals passivation of pig manure containing copper and zinc. Journal of Cleaner Production, 2021, 315, 128171.	4.6	19
20	Chemical composition and evaluation of antioxidant activities, antimicrobial, and anti-melanogenesis effect of the essential oils extracted from Dalbergia pinnata (Lour.) Prain. Journal of Ethnopharmacology, 2020, 254, 112731.	2.0	18
21	Effect of unsaturation degree on microwave-assisted pyrolysis of fatty acid salts. Journal of Analytical and Applied Pyrolysis, 2016, 120, 247-251.	2.6	15
22	Feasibility of using pretreated swine wastewater for production of water spinach (Ipomoea aquatic) Tj ETQq0 0 () rgBT /Ov 2.4	verlock 10 Tf 5
23	Bamboo biochar-catalytic degradation of lignin under microwave heating. Journal of Wood Chemistry and Technology, 2020, 40, 190-199.	0.9	12

24	Cultivation of Chlorella vulgaris in a Light-Receiving-Plate (LRP)-Enhanced Raceway Pond for Ammonium and Phosphorus Removal from Pretreated Pig Urine. Energies, 2020, 13, 1644.	1.6	10
25	The combination of aerobic and microaerobic promote hydrolysis and acidification of rice straw and pig manure: Balance of insoluble and soluble substrate. Bioresource Technology, 2022, 350, 126880.	4.8	6

A nitrogen dynamic hydroponic culture on performance and quality of water spinach ($\langle i \rangle$ Ipomoea) Tj ETQq0 0 0 rgBT/Overlock 10 Tf 50 4 10 Tf 50 4