

# Tanbin

## List of Publications by Year in descending order

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Version: 2024-02-01

36  
papers

720  
citations

567281

15  
h-index

552781

26  
g-index

36  
all docs

36  
docs citations

36  
times ranked

515  
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of compost and chemical fertilizer application on soil physical properties and productivity of sesame ( <i>Sesamum Indicum</i> L.). <i>Biomass Conversion and Biorefinery</i> , 2023, 13, 905-915.	4.6	12
2	Enhanced biomethane production by 2-stage anaerobic co-digestion of animal manure with pretreated organic waste. <i>Biomass Conversion and Biorefinery</i> , 2023, 13, 2833-2847.	4.6	7
3	Selective conversion of corncob hemicellulose to xylose via hydrothermal treatment with $Fe_2(SO_4)_3$ and NaCl. <i>Biomass Conversion and Biorefinery</i> , 2023, 13, 1231-1240.	4.6	4
4	Bioaugmentation improves batch psychrophilic anaerobic co-digestion of cattle manure and corn straw. <i>Bioresource Technology</i> , 2022, 343, 126118.	9.6	33
5	16S rRNA genes- and metagenome-based confirmation of syntrophic butyrate-oxidizing methanogenesis enriched in high butyrate loading. <i>Bioresource Technology</i> , 2022, 345, 126483.	9.6	48
6	A delicate method for the synthesis of high-efficiency Hg (II) The adsorbents based on biochar from corn straw biogas residue. <i>Journal of Cleaner Production</i> , 2022, 355, 131819.	9.3	24
7	Mechanism of Electron Acceptor Promoting Propionic Acid Transformation in Anaerobic Fermentation. <i>Energies</i> , 2022, 15, 3947.	3.1	1
8	Investigating the Effects of Aerobic Hydrolysis on Scum Layer Formation during the Anaerobic Digestion of Corn Stalk Particles. <i>Sustainability</i> , 2022, 14, 6497.	3.2	3
9	Rapid Determination of Cellulose and Hemicellulose Contents in Corn Stover Using Near-Infrared Spectroscopy Combined with Wavelength Selection. <i>Molecules</i> , 2022, 27, 3373.	3.8	13
10	Effect of different aerobic hydrolysis time on the anaerobic digestion characteristics and energy consumption analysis. <i>Bioresource Technology</i> , 2021, 320, 124332.	9.6	36
11	Studies on the degradation of corn straw by combined bacterial cultures. <i>Bioresource Technology</i> , 2021, 320, 124174.	9.6	29
12	Rapid determination of lignocellulose in corn stover based on near-infrared reflectance spectroscopy and chemometrics methods. <i>Bioresource Technology</i> , 2021, 321, 124449.	9.6	26
13	Influence of particle scattering on photo biochemical transformation process of direct absorption methane digester. <i>Bioresource Technology</i> , 2021, 321, 124460.	9.6	5
14	Biochemical methane potential prediction for mixed feedstocks of straw and manure in anaerobic co-digestion. <i>Bioresource Technology</i> , 2021, 326, 124745.	9.6	29
15	Quantifying the effects of co-composting organic biomass mixtures with inorganic amendments to obtain value-added bio-products. <i>PLoS ONE</i> , 2021, 16, e0253714.	2.5	6
16	Effect of Particle Size on the Aerobic and Anaerobic Digestion Characteristics of Whole Rice Straw. <i>Energies</i> , 2021, 14, 3960.	3.1	9
17	Enhancing photo-fermentation biohydrogen production by strengthening the beneficial metabolic products with catalysts. <i>Journal of Cleaner Production</i> , 2021, 317, 128437.	9.3	35
18	Anaerobic digestion of corn straw pretreated by ultrasonic combined with aerobic hydrolysis. <i>Bioresource Technology</i> , 2021, 341, 125826.	9.6	22

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19	Adsorption of Hg(II) in an Aqueous Solution by Activated Carbon Prepared from Rice Husk Using KOH Activation. <i>ACS Omega</i> , 2020, 5, 29231-29242.	3.5	56
20	Preparation, characterization and application of activated carbon from corn cob by KOH activation for removal of Hg(II) from aqueous solution. <i>Bioresource Technology</i> , 2020, 306, 123154.	9.6	105
21	One-pot pyrolysis route to Fe <sup>3+</sup> /N-Doped carbon nanosheets with outstanding electrochemical performance as cathode materials for microbial fuel cell. <i>International Journal of Agricultural and Biological Engineering</i> , 2020, 13, 207-214.	0.6	35
22	Evaluation of methane production and energy conversion from corn stalk using furfural wastewater pretreatment for whole slurry anaerobic co-digestion. <i>Bioresource Technology</i> , 2019, 293, 121962.	9.6	48
23	Interactive Effects of Grafting Techniques and Scion-Rootstocks Combinations on Vegetative Growth, Yield and Quality of Cucumber ( <i>Cucumis sativus</i> L.). <i>Agronomy</i> , 2019, 9, 288.	3.0	16
24	Improved energy utilization efficiency via adding solar radiant heating mode for traditional bioreactor to dispose straw: Experimental and numerical evaluation. <i>Waste Management</i> , 2019, 89, 303-312.	7.4	15
25	Furfural wastewater pretreatment of corn stalk for whole slurry anaerobic co-digestion to improve methane production. <i>Science of the Total Environment</i> , 2019, 674, 49-57.	8.0	45
26	Performance Evaluation of a Water Seed Drill. <i>Sustainability</i> , 2019, 11, 137.	3.2	1
27	Optimization of mixing ratio of ammoniated rice straw and food waste co-digestion and impact of trace element supplementation on biogas production. <i>Journal of Material Cycles and Waste Management</i> , 2018, 20, 745-753.	3.0	32
28	Digestion Performance and Microbial Metabolic Mechanism in Thermophilic and Mesophilic Anaerobic Digesters Exposed to Elevated Loadings of Organic Fraction of Municipal Solid Waste. <i>Energies</i> , 2018, 11, 952.	3.1	13
29	Key techniques and parameters for briquetting corn stover sprayed with biogas slurry in a cold region in China. <i>Energy Sources, Part A: Recovery, Utilization and Environmental Effects</i> , 2016, 38, 1219-1235.	2.3	3
30	Assessing the Performance Effects of Dairy Farm Wastewater by Subsurface Constructed Wetland. <i>International Conference on Bioinformatics and Biomedical Engineering: [proceedings] International Conference on Bioinformatics and Biomedical Engineering</i> , 2010, , .	0.0	1
31	Dynamic non-average-slot MAC layer protocol for wireless sensor networks. , 2010, , .		0
32	Fault Locating Arithmetic for Multi-Source Network Cluster Nodes Based on Comparison. , 2008, , .		2
33	Calibration Model of the Output Characteristic for Sensor Nodes Based on CMAC Neural Network. , 2008, , .		0
34	Location Discovery and Error Analysis of Wireless Sensor Networks Based on Difference of Arrival Time of Beacon Signals. , 2007, , .		1
35	Design of Micro Wireless Network Measurement and Control Server Based on ARM and &#956;C/OS-II. , 2006, , .		5
36	Research on Spatial-Temporal Information Fusion System for Sensor Networks Node Cluster. , 2006, , .		0