

# En Shi

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9875763/publications.pdf>

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16  
papers

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citations

1040056

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#	ARTICLE	IF	CITATIONS
1	Estimation of biogas and methane yields in an UASB treating potato starch processing wastewater with backpropagation artificial neural network. <i>Bioresource Technology</i> , 2017, 228, 106-115.	9.6	98
2	Functional bacterial and archaeal diversity revealed by 16S rRNA gene pyrosequencing during potato starch processing wastewater treatment in an UASB. <i>Bioresource Technology</i> , 2017, 235, 348-357.	9.6	61
3	Influence of glucose fermentation on CO <sub>2</sub> assimilation to acetate in homoacetogen <i>Blautia coccoides</i> GA-1. <i>Journal of Industrial Microbiology and Biotechnology</i> , 2015, 42, 1217-1224.	3.0	55
4	Dosing effect of zero valent iron (ZVI) on biomethanation and microbial community distribution as revealed by 16S rRNA high-throughput sequencing. <i>International Biodeterioration and Biodegradation</i> , 2017, 123, 191-199.	3.9	49
5	Application of IWA Anaerobic Digestion Model No. 1 to simulate butyric acid, propionic acid, mixed acid, and ethanol type fermentative systems using a variable acidogenic stoichiometric approach. <i>Water Research</i> , 2019, 161, 242-250.	11.3	27
6	Effect of pH and buffer on butyric acid production and microbial community characteristics in bioconversion of rice straw with undefined mixed culture. <i>Biotechnology and Bioprocess Engineering</i> , 2014, 19, 676-686.	2.6	21
7	Butyric Acid Fermentation of Sodium Hydroxide Pretreated Rice Straw with Undefined Mixed Culture. <i>Journal of Microbiology and Biotechnology</i> , 2014, 24, 629-638.	2.1	18
8	Modeling the dynamic volatile fatty acids profiles with pH and hydraulic retention time in an anaerobic baffled reactor during the startup period. <i>Bioresource Technology</i> , 2016, 222, 49-58.	9.6	16
9	Modeling the performance of an anaerobic baffled reactor with the variation of hydraulic retention time. <i>Bioresource Technology</i> , 2016, 214, 477-486.	9.6	16
10	A cumulative-risk assessment method based on an artificial neural network model for the water environment. <i>Environmental Science and Pollution Research</i> , 2021, 28, 46176-46185.	5.3	10
11	Transformation of sewage sludge into activated carbon by molten salt synthesis for adsorption of CO <sub>2</sub> and dyes. <i>Environmental Chemistry Letters</i> , 2022, 20, 2253-2259.	16.2	7
12	Direct synthesis of hierarchical porous polymer nanoparticles from nitrile monomers and its application for methylene blue adsorption. <i>Materials Research Express</i> , 2021, 8, 035001.	1.6	6
13	The spatial community succession of an anaerobic baffled reactor with the variation of hydraulic retention time. <i>Environmental Technology and Innovation</i> , 2021, 22, 101497.	6.1	6
14	Mesoporous carbon derived from anaerobic granular sludge through molten salt method and its application for dye adsorption: an experimental and molecular dynamics simulation study. <i>Biomass Conversion and Biorefinery</i> , 0, , .	4.6	2
15	Treatment of Low-Strength Wastewater Using an Anaerobic Baffled Reactor at Low Temperature. <i>Applied Mechanics and Materials</i> , 0, 325-326, 822-826.	0.2	0
16	Modeling interspecific competition of the microbial community during anaerobic digestion based on cellular automata and ADM1. <i>Water Science and Technology</i> , 2021, 83, 2087-2099.	2.5	0