

# Shuangning Xiu

## List of Publications by Year in descending order

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Version: 2024-02-01

27  
papers

1,644  
citations

567281

15  
h-index

610901

24  
g-index

27  
all docs

27  
docs citations

27  
times ranked

2229  
citing authors

#	ARTICLE	IF	CITATIONS
1	Bio-oil production and upgrading research: A review. <i>Renewable and Sustainable Energy Reviews</i> , 2012, 16, 4406-4414.	16.4	847
2	Hydrothermal pyrolysis of swine manure to bio-oil: Effects of operating parameters on products yield and characterization of bio-oil. <i>Journal of Analytical and Applied Pyrolysis</i> , 2010, 88, 73-79.	5.5	171
3	Investigation of Ni/Fe/Mg zeolite-supported catalysts in steam reforming of tar using simulated-toluene as model compound. <i>Fuel</i> , 2018, 211, 566-571.	6.4	94
4	Effectiveness and mechanisms of crude glycerol on the biofuel production from swine manure through hydrothermal pyrolysis. <i>Journal of Analytical and Applied Pyrolysis</i> , 2010, 87, 194-198.	5.5	57
5	Characterization, Modification and Application of Biochar for Energy Storage and Catalysis: A Review. <i>Trends in Renewable Energy</i> , 2017, 3, 86-101.	0.3	56
6	Enhanced bio-oil production from swine manure co-liquefaction with crude glycerol. <i>Energy Conversion and Management</i> , 2011, 52, 1004-1009.	9.2	47
7	Techno-economic analysis for the biochemical conversion of <i>Miscanthus x giganteus</i> into bioethanol. <i>Biomass and Bioenergy</i> , 2017, 98, 85-94.	5.7	45
8	Swine manure/Crude glycerol co-liquefaction: Physical properties and chemical analysis of bio-oil product. <i>Bioresource Technology</i> , 2011, 102, 1928-1932.	9.6	44
9	Catalytic cracking of crude bio-oil from glycerol-assisted liquefaction of swine manure. <i>Energy Conversion and Management</i> , 2014, 87, 378-384.	9.2	40
10	Development of Green Biorefinery for Biomass Utilization: A Review. <i>Trends in Renewable Energy</i> , 2015, , 4-15.	0.3	37
11	Co-liquefaction of swine manure and crude glycerol to bio-oil: Model compound studies and reaction pathways. <i>Bioresource Technology</i> , 2012, 104, 783-787.	9.6	35
12	Characterization of the physical and chemical properties of the distillate fractions of crude bio-oil produced by the glycerol-assisted liquefaction of swine manure. <i>Fuel</i> , 2014, 130, 251-256.	6.4	34
13	Effects of fertilizer application and dry/wet processing of <i>Miscanthus x giganteus</i> on bioethanol production. <i>Bioresource Technology</i> , 2016, 204, 98-105.	9.6	23
14	Green biorefinery of fresh cattail for microalgal culture and ethanol production. <i>Bioresource Technology</i> , 2015, 185, 436-440.	9.6	21
15	Uses of miscanthus press juice within a green biorefinery platform. <i>Bioresource Technology</i> , 2016, 207, 285-292.	9.6	15
16	Combustion characteristics of bio-oil from swine manure/crude glycerol co-liquefaction by thermogravimetric analysis technology. <i>Energy Sources, Part A: Recovery, Utilization and Environmental Effects</i> , 2016, 38, 2250-2257.	2.3	13
17	Co-liquefaction of swine manure with waste vegetable oil for enhanced bio-oil production. <i>Energy Sources, Part A: Recovery, Utilization and Environmental Effects</i> , 2016, 38, 459-465.	2.3	12
18	Liquid Hot Water Pretreatment of <i>Miscanthus X giganteus</i> for the Sustainable Production of Bioethanol. <i>BioResources</i> , 2015, 10, .	1.0	12

#	ARTICLE	IF	CITATIONS
19	Validation of kinetic parameter values for prediction of pyrolysis behaviour of corn stalks in a horizontal entrained-flow reactor. <i>Biosystems Engineering</i> , 2008, 100, 79-85.	4.3	10
20	Green Biorefinery of Giant Miscanthus for Growing Microalgae and Biofuel Production. <i>Fermentation</i> , 2017, 3, 66.	3.0	9
21	Low thermal conductivity carbon material from electrospinning and subsequent chemical activation. <i>Carbon Letters</i> , 2020, 30, 289-296.	5.9	7
22	Biorefinery Processes for Biomass Conversion to Liquid Fuel. , 0, , .		5
23	Characterization of Solid Residues Obtained from Supercritical Ethanol Liquefaction of Swine Manure. <i>American Journal of Engineering and Applied Sciences</i> , 2015, 8, 465-470.	0.6	5
24	Production of Biochar Based Porous Carbon Nanofibers for High-Performance Supercapacitor Applications. <i>Trends in Renewable Energy</i> , 2019, 5, 151-164.	0.3	4
25	Development of fluorine-intercalated biochar material for radiation shielding. <i>Journal of Analytical and Applied Pyrolysis</i> , 2021, 155, 105038.	5.5	1
26	Thermogravimetric Characterization of Bio-oil from Swine manure/Crude glycerol Co-liquefaction as Combustion Feedstock. , 2011, , .		0
27	Separate Hydrolysis and Fermentation of Untreated and Pretreated Alfalfa Cake to Produce Ethanol. , 2016, , 233-240.		0