

# Jung-Jeng Su

## List of Publications by Year in descending order

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Version: 2024-02-01

26  
papers

466  
citations

933447

10  
h-index

713466

21  
g-index

26  
all docs

26  
docs citations

26  
times ranked

483  
citing authors

#	ARTICLE	IF	CITATIONS
1	Comparison of aerobic denitrification under high oxygen atmosphere by <i>Thiosphaera pantotropha</i> ATCC 35512 and <i>Pseudomonas stutzeri</i> SU2 newly isolated from the activated sludge of a piggery wastewater treatment system. <i>Journal of Applied Microbiology</i> , 2001, 90, 457-462.	3.1	115
2	A Strain of <i>Pseudomonas</i> sp. Isolated from Piggery Wastewater Treatment Systems with Heterotrophic Nitrification Capability in Taiwan. <i>Current Microbiology</i> , 2006, 53, 77-81.	2.2	89
3	Emission of greenhouse gas from livestock waste and wastewater treatment in Taiwan. <i>Agriculture, Ecosystems and Environment</i> , 2003, 95, 253-263.	5.3	53
4	Isolation of an aerobic denitrifying bacterial strain NS-2 from the activated sludge of piggery wastewater treatment systems in Taiwan possessing denitrification under 92% oxygen atmosphere. <i>Journal of Applied Microbiology</i> , 2001, 91, 853-860.	3.1	25
5	Utilization of toluene and xylenes by a nitrate-reducing strain of <i>Pseudomonas maltophilia</i> under low oxygen and anoxic conditions. <i>FEMS Microbiology Ecology</i> , 1994, 15, 249-258.	2.7	19
6	Establishing a Smart Farm-Scale Piggery Wastewater Treatment System with the Internet of Things (IoT) Applications. <i>Water (Switzerland)</i> , 2020, 12, 1654.	2.7	19
7	Hydrogen sulfide removal from livestock biogas by a farm-scale bio-filter desulfurization system. <i>Water Science and Technology</i> , 2013, 67, 1288-1293.	2.5	18
8	Biogas Production by Anaerobic Co-Digestion of Dairy Wastewater with the Crude Glycerol from Slaughterhouse Sludge Cake Transesterification. <i>Animals</i> , 2019, 9, 618.	2.3	16
9	Identifying an interfering factor on chemical oxygen demand (COD) determination in piggery wastewater and eliminating the factor by an indigenous <i>Pseudomonas stutzeri</i> strain. <i>Letters in Applied Microbiology</i> , 2001, 33, 440-444.	2.2	14
10	A study of a pilot-scale biogas bio-filter system for utilization on pig farms. <i>Journal of Agricultural Science</i> , 2014, 152, 217-224.	1.3	13
11	Monitoring of sulfur dioxide emission resulting from biogas utilization on commercial pig farms in Taiwan. <i>Environmental Monitoring and Assessment</i> , 2015, 187, 4109.	2.7	11
12	Removal of hydrogen sulfide using a photocatalytic livestock biogas desulfurizer. <i>Renewable Energy</i> , 2020, 149, 181-188.	8.9	11
13	Development of online sampling and matrix reduction technique coupled liquid chromatography/ion trap mass spectrometry for determination maduramicin in chicken meat. <i>Food Chemistry</i> , 2013, 141, 1522-1529.	8.2	10
14	Biofuel Produced from Solid-State Anaerobic Digestion of Dairy Cattle Manure in Coordination with Black Soldier Fly Larvae Decomposition. <i>Energies</i> , 2019, 12, 911.	3.1	9
15	Microbial Indicators for Differentiation of Human- and Pig-Sourced Fecal Pollution. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2004, 39, 1415-1421.	1.7	7
16	Ammonium reduction from piggery wastewater using immobilized ammonium-reducing bacteria with a full-scale sequencing batch reactor on farm. <i>Water Science and Technology</i> , 2014, 69, 840-846.	2.5	7
17	Photocatalytic oxidation of dairy effluent with UV lamp or UV light-emitting diode module and biological treatment processes. <i>International Journal of Environmental Science and Technology</i> , 2019, 16, 1047-1056.	3.5	6
18	Treatment of duck house wastewater by a pilot-scale sequencing batch reactor system for sustainable duck production. <i>Poultry Science</i> , 2018, 97, 3870-3877.	3.4	5

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19	Isolation of sulfide oxidisers for desulfurising biogas produced from anaerobic piggery wastewater treatment in Taiwan. <i>Australian Journal of Experimental Agriculture</i> , 2008, 48, 193.	1.0	4
20	Biodiesel Production by Acid Methanolysis of Slaughterhouse Sludge Cake. <i>Animals</i> , 2019, 9, 1029.	2.3	4
21	Reduction of Greenhouse Gases from Anaerobic Piggery Wastewater Treatment by Bromochloromethane in Taiwan. <i>Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes</i> , 2004, 39, 889-902.	1.5	3
22	Monitoring of greenhouse gas emissions from farm-scale anaerobic piggery waste-water digesters. <i>Journal of Agricultural Science</i> , 2018, 156, 739-747.	1.3	3
23	Real-Time Monitoring of Micro-Electricity Generation Through the Voltage Across a Storage Capacitor Charged by a Simple Microbial Fuel Cell Reactor with Fast Fourier Transform. <i>Energies</i> , 2019, 12, 2610.	3.1	3
24	Characterization of polyhydroxyalkanoate-producing bacteria isolated from sludge of commercial pig farms for producing methyl esters. <i>Water Science and Technology</i> , 2013, 68, 2171-2177.	2.5	1
25	Study of livestock biogas upgrading using a pilot-scale photocatalytic desulphurizer followed by a hollow fibre carbon dioxide adsorption module. <i>Journal of Agricultural Science</i> , 2021, 159, 3-10.	1.3	1
26	Evaluation of Water Scarcity Footprint for Taiwanese Dairy Farming. <i>Animals</i> , 2019, 9, 956.	2.3	0