Seunggun Won

List of Publications by Year
in descending order

30	877	933264 10	477173 29
papers	citations	h-index	g-index

30	30	30	1313
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Biochar properties and eco-friendly applications for climate change mitigation, waste management, and wastewater treatment: A review. Renewable and Sustainable Energy Reviews, 2017, 79, 255-273.	8.2	490
2	Biological nitrogen removal with a real-time control strategy using moving slope changes of pH(mV)- and ORP-time profiles. Water Research, 2011, 45, 171-178.	5.3	53
3	Struvite recovered from various types of wastewaters: Characteristics, soil leaching behaviour, and plant growth. Land Degradation and Development, 2018, 29, 2864-2879.	1.8	47
4	Evaluation of Optimum Moisture Content for Composting of Beef Manure and Bedding Material Mixtures Using Oxygen Uptake Measurement. Asian-Australasian Journal of Animal Sciences, 2016, 29, 753-758.	2.4	42
5	Effects of key operational parameters on biohydrogen production via anaerobic fermentation in a sequencing batch reactor. Bioresource Technology, 2011, 102, 6876-6883.	4.8	36
6	Optimal operational conditions for biohydrogen production from sugar refinery wastewater in an ASBR. International Journal of Hydrogen Energy, 2013, 38, 13895-13906.	3.8	36
7	Nutrient Leaching Loss of Pre-Treated Struvite and Its Application in Sudan Grass Cultivation as an Eco-Friendly and Sustainable Fertilizer Source. Sustainability, 2019, 11, 4204.	1.6	27
8	Design and Optimization of Fluidized Bed Reactor Operating Conditions for Struvite Recovery Process from Swine Wastewater. Processes, 2020, 8, 422.	1.3	18
9	Nutrient production from dairy cattle manure and loading on arable land. Asian-Australasian Journal of Animal Sciences, 2017, 30, 125-132.	2.4	13
10	Nutrient recovery from swine wastewater at full-scale: An integrated technical, economic and environmental feasibility assessment. Chemosphere, 2021, 277, 130309.	4.2	12
11	Simultaneous Removal of Pollutants and Recovery of Nutrients from High-Strength Swine Wastewater Using a Novel Integrated Treatment Process. Animals, 2020, 10, 835.	1.0	10
12	Genetic Relationships of Carcass Traits with Retail Cut Productivity of Hanwoo Cattle. Asian-Australasian Journal of Animal Sciences, 2014, 27, 1387-1393.	2.4	9
13	Co-composting of swine mortalities with swine manure and sawdust. Compost Science and Utilization, 2016, 24, 42-53.	1.2	8
14	Nutrient variations from swine manure to agricultural land. Asian-Australasian Journal of Animal Sciences, 2018, 31, 763-772.	2.4	8
15	Nutrient production from Korean poultry and loading estimations for cropland. Journal of Animal Science and Technology, 2018, 60, 3.	0.8	8
16	Optimal Incorporation Level of Dietary Alternative Phosphate (MgHPO4) and Requirement for Phosphorus in Juvenile Far Eastern Catfish (Silurus asotus). Asian-Australasian Journal of Animal Sciences, 2015, 28, 111-119.	2.4	8
17	Estimation of Greenhouse Gas Emission from Hanwoo (Korean Native Cattle) Manure Management Systems. Atmosphere, 2020, 11, 845.	1.0	7
18	Investigation of Hanwoo manure management and estimation of nutrient loading coefficients on land application. Journal of Animal Science and Technology, 2015, 57, 20.	0.8	6

#	Article	IF	Citations
19	Rational budgeting approach as a nutrient management tool for mixed crop-swine farms in Korea. Asian-Australasian Journal of Animal Sciences, 2020, 33, 1520-1532.	2.4	6
20	Effects of Dietary Supplementation of Magnesium Hydrogen Phosphate (MgHPO₄) as an Alternative Phosphorus Source on Growth and Feed Utilization of Juvenile Far Eastern Catfish (<i>Silurus asotus</i>). Asian-Australasian Journal of Animal Sciences, 2014, 27, 1141-1149.	2.4	5
21	Development of a Real-Time Controlled Bio-Liquor Circulation System for Swine Farms: A Lab-Scale Study. Animals, 2021, 11, 311.	1.0	5
22	In Vivo Toxicity and In Vitro Solubility Assessment of Pre-Treated Struvite as a Potential Alternative Phosphorus Source in Animal Feed. Animals, 2019, 9, 785.	1.0	4
23	Nitrogen Removal from Milking Center Wastewater via Simultaneous Nitrification and Denitrification Using a Biofilm Filtration Reactor. Asian-Australasian Journal of Animal Sciences, 2015, 28, 896-902.	2.4	4
24	Effects of manipulating cyclic duration and pH on fermentative hydrogen production in an anaerobic sequencing batch reactor. Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering, 2015, 50, 750-756.	0.9	3
25	Data Build-up for the Construction of Korean Specific Greenhouse Gas Emission Inventory in Livestock Categories. Asian-Australasian Journal of Animal Sciences, 2014, 27, 439-446.	2.4	3
26	Effect of a new phosphorus source, magnesium hydrogen phosphate (MHP) on growth, utilization of phosphorus, and physiological responses in carp Cyprinus carpio. Fisheries and Aquatic Sciences, 2016, 19, .	0.3	2
27	Optimization of electrochemical reaction for nitrogen removal from biological secondary-treated milking centre wastewater. Environmental Technology (United Kingdom), 2016, 37, 1510-1519.	1.2	2
28	Evaluation of Struvite Recovered from Swine Wastewater as an Alternative Phosphorus Source in Broiler Feed. Agriculture (Switzerland), 2019, 9, 221.	1.4	2
29	Changes of Microbial Diversity During Swine Manure Treatment Process. Polish Journal of Microbiology, 2018, 67, 109-112.	0.6	2
30	Prediction of Carcass Composition Using Carcass Grading Traits in Hanwoo Steers. Asian-Australasian Journal of Animal Sciences, 2016, 29, 1215-1221.	2.4	1