

Evangelos

List of Publications by Year in descending order

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39
papers

816
citations

516710

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526287

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39
all docs

39
docs citations

39
times ranked

835
citing authors

#	ARTICLE	IF	CITATIONS
1	Responses of paddy soil bacterial community assembly to different long-term fertilizations in southeast China. <i>Science of the Total Environment</i> , 2019, 656, 625-633.	8.0	73
2	Developing cold-adapted biomass for the anaerobic treatment of domestic wastewater at low temperatures (4, 8 and 15°C) with inocula from cold environments. <i>Water Research</i> , 2017, 112, 100-109.	11.3	67
3	Stable biogas production from single-stage anaerobic digestion of food waste. <i>Applied Energy</i> , 2020, 263, 114609.	10.1	63
4	Fertilization shapes a well-organized community of bacterial decomposers for accelerated paddy straw degradation. <i>Scientific Reports</i> , 2018, 8, 7981.	3.3	45
5	High Efficient Visible-Light Photocatalytic Performance of Cu/ZnO/rGO Nanocomposite for Decomposing of Aqueous Ammonia and Treatment of Domestic Wastewater. <i>Frontiers in Chemistry</i> , 2018, 6, 219.	3.6	41
6	Win-win: Application of sawdust-derived hydrochar in low fertility soil improves rice yield and reduces greenhouse gas emissions from agricultural ecosystems. <i>Science of the Total Environment</i> , 2020, 748, 142457.	8.0	35
7	The chemodiversity of paddy soil dissolved organic matter is shaped and homogenized by bacterial communities that are orchestrated by geographic distance and fertilizations. <i>Soil Biology and Biochemistry</i> , 2021, 161, 108374.	8.8	29
8	Predicting the effects of integrating mineral wastes in anaerobic digestion of OFMSW using first-order and Gompertz models from biomethane potential assays. <i>Renewable Energy</i> , 2020, 152, 308-319.	8.9	28
9	Mitigation of membrane biofouling in membrane bioreactor treating sewage by novel quorum quenching strain of <i>Acinetobacter</i> originating from a full-scale membrane bioreactor. <i>Bioresource Technology</i> , 2021, 334, 125242.	9.6	28
10	Effect of fertilization on nitrogen losses through surface runoffs in Chinese farmlands: A meta-analysis. <i>Science of the Total Environment</i> , 2021, 793, 148554.	8.0	28
11	Phosphate removal from actual wastewater via La(OH) ₃ -C ₃ N ₄ adsorption: Performance, mechanisms and applicability. <i>Science of the Total Environment</i> , 2022, 814, 152791.	8.0	28
12	High rate domestic wastewater treatment at 15 °C using anaerobic reactors inoculated with cold-adapted sediments/soils “shaping robust methanogenic communities. <i>Environmental Science: Water Research and Technology</i> , 2019, 5, 70-82.	2.4	26
13	Lipolysis of domestic wastewater in anaerobic reactors operating at low temperatures. <i>Environmental Science: Water Research and Technology</i> , 2018, 4, 1002-1013.	2.4	24
14	Temperature and immigration effects on quorum sensing in the biofilms of anaerobic membrane bioreactors. <i>Journal of Environmental Management</i> , 2021, 293, 112947.	7.8	23
15	Co-digestion of organic and mineral wastes for enhanced biogas production: Reactor performance and evolution of microbial community and function. <i>Waste Management</i> , 2019, 87, 313-325.	7.4	20
16	Interactive effects of salinity and SOM on the ecoenzymatic activities across coastal soils subjected to a saline gradient. <i>Geoderma</i> , 2022, 406, 115519.	5.1	20
17	Divergent Responses of the Diazotrophic Microbiome to Elevated CO ₂ in Two Rice Cultivars. <i>Frontiers in Microbiology</i> , 2018, 9, 1139.	3.5	19
18	Nutrient loss by runoff from rice-wheat rotation during the wheat season is dictated by rainfall duration. <i>Environmental Pollution</i> , 2021, 285, 117382.	7.5	19

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19	Microbial-Induced Carbonate Precipitation Improves Physical and Structural Properties of Nanjing Ancient City Walls. <i>Materials</i> , 2021, 14, 5665.	2.9	16
20	Continuous milk vetch amendment in rice-fallow rotation improves soil fertility and maintains rice yield without increasing CH ₄ emissions: Evidence from a long-term experiment. <i>Agriculture, Ecosystems and Environment</i> , 2022, 325, 107774.	5.3	16
21	Investigating the feasibility and the limits of high rate anaerobic winery wastewater treatment using a hybrid-EGSB bio-reactor. <i>Chemical Engineering Research and Design</i> , 2016, 102, 107-118.	5.6	15
22	Improving the methane productivity of anaerobic digestion using aqueous extracts from municipal solid waste incinerator ash. <i>Journal of Environmental Management</i> , 2020, 260, 110160.	7.8	15
23	Effect of long term fertilization management strategies on methane emissions and rice yield. <i>Science of the Total Environment</i> , 2020, 725, 138261.	8.0	15
24	Deep fertilization with controlled-release fertilizer for higher cereal yield and N utilization in paddies: The optimal fertilization depth. <i>Agronomy Journal</i> , 2021, 113, 5027-5039.	1.8	14
25	Humidity governs the wall-inhabiting fungal community composition in a 1600-year tomb of Emperor Yang. <i>Scientific Reports</i> , 2020, 10, 8421.	3.3	13
26	Tea plant-legume intercropping simultaneously improves soil fertility and tea quality by changing <i>Bacillus</i> species composition. <i>Horticulture Research</i> , 2022, 9, .	6.3	13
27	Diversity of Acyl Homoserine Lactone Molecules in Anaerobic Membrane Bioreactors Treating Sewage at Psychrophilic Temperatures. <i>Membranes</i> , 2020, 10, 320.	3.0	12
28	Low-Temperature Pretreatment of Organic Feedstocks with Selected Mineral Wastes Sustains Anaerobic Digestion Stability through Trace Metal Release. <i>Environmental Science & Technology</i> , 2020, 54, 9095-9105.	10.0	10
29	Assessing the ecological risk of pesticides should not ignore the impact of their transformation byproducts – The case of chlorantraniliprole. <i>Journal of Hazardous Materials</i> , 2021, 418, 126270.	12.4	10
30	Domestic wastewater hydrolysis and lipolysis during start-up in anaerobic digesters and microbial fuel cells at moderate temperatures. <i>International Journal of Environmental Science and Technology</i> , 2020, 17, 27-38.	3.5	8
31	High yield and mitigation of N-loss from paddy fields obtained by irrigation using optimized application of sewage tail water. <i>Agriculture, Ecosystems and Environment</i> , 2020, 304, 107137.	5.3	8
32	Sewage treatment at 4 Â°C in anaerobic upflow reactors with and without a membrane – performance, function and microbial diversity. <i>Environmental Science: Water Research and Technology</i> , 2021, 7, 156-171.	2.4	7
33	Organic and Inorganic Amendments Shape Bacterial Indicator Communities That Can, In Turn, Promote Rice Yield. <i>Microorganisms</i> , 2022, 10, 482.	3.6	7
34	The experimental determination of reliable biodegradation rates for mono-aromatics towards evaluating QSBM models. <i>Water Research</i> , 2019, 160, 278-287.	11.3	6
35	Data of metal and microbial analyses from anaerobic co-digestion of organic and mineral wastes. <i>Data in Brief</i> , 2019, 24, 103934.	1.0	5
36	Humic substances suppress <i>Fusarium oxysporum</i> by regulating soil microbial community in the rhizosphere of cucumber (<i>Cucumis sativus</i> L.). <i>Applied Soil Ecology</i> , 2022, 174, 104389.	4.3	5

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37	Green Manure Amendment in Paddies Improves Soil Carbon Sequestration but Cannot Substitute the Critical Role of N Fertilizer in Rice Production. <i>Agronomy</i> , 2022, 12, 1548.	3.0	4
38	BIOMASS MATERIAL AMENDMENT MAINTAINED THE STRUCTURE OF UNDERGROUND CULTURAL RELICS BY DECREASING THE VARIATION OF SOIL WATER CONTENT. <i>Applied Ecology and Environmental Research</i> , 2022, 20, 801-814.	0.5	1
39	ANIMAL MANURE FUNCTIONS AS SOIL AMENDMENT FOR URBAN GREEN SPACE IN THE LOESS PLATEAU. <i>Applied Ecology and Environmental Research</i> , 2020, 18, 3861-3872.	0.5	0