Evangelos

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/1206685/publications.pdf

Version: 2024-02-01

		516710	526287
39 papers	816 citations	16 h-index	27 g-index

39 all docs	39 docs citations	39 times ranked	835 citing authors

#	Article	IF	Citations
1	Interactive effects of salinity and SOM on the ecoenzymatic activities across coastal soils subjected to a saline gradient. Geoderma, 2022, 406, 115519.	5.1	20
2	Continuous milk vetch amendment in rice-fallow rotation improves soil fertility and maintains rice yield without increasing CH4 emissions: Evidence from a long-term experiment. Agriculture, Ecosystems and Environment, 2022, 325, 107774.	5.3	16
3	Phosphate removal from actual wastewater via La(OH)3-C3N4 adsorption: Performance, mechanisms and applicability. Science of the Total Environment, 2022, 814, 152791.	8.0	28
4	Humic substances suppress Fusarium oxysporum by regulating soil microbial community in the rhizosphere of cucumber (Cucumis sativus L.). Applied Soil Ecology, 2022, 174, 104389.	4.3	5
5	BIOMASS MATERIAL AMENDMENT MAINTAINED THE STRUCTURE OF UNDERGROUND CULTURAL RELICS BY DECREASING THE VARIATION OF SOIL WATER CONTENT. Applied Ecology and Environmental Research, 2022, 20, 801-814.	0.5	1
6	Organic and Inorganic Amendments Shape Bacterial Indicator Communities That Can, In Turn, Promote Rice Yield. Microorganisms, 2022, 10, 482.	3.6	7
7	Tea plantâ€“legume intercropping simultaneously improves soil fertility and tea quality by changing Bacillus species composition. Horticulture Research, 2022, 9, .	6.3	13
8	Green Manure Amendment in Paddies Improves Soil Carbon Sequestration but Cannot Substitute the Critical Role of N Fertilizer in Rice Production. Agronomy, 2022, 12, 1548.	3.0	4
9	Sewage treatment at 4 Â°C in anaerobic upflow reactors with and without a membrane â€“ performance, function and microbial diversity. Environmental Science: Water Research and Technology, 2021, 7, 156-171.	2.4	7
10	Mitigation of membrane biofouling in membrane bioreactor treating sewage by novel quorum quenching strain of Acinetobacter originating from a full-scale membrane bioreactor. Bioresource Technology, 2021, 334, 125242.	9.6	28
11	Deep fertilization with controlledâ€release fertilizer for higher cereal yield and N utilization in paddies: The optimal fertilization depth. Agronomy Journal, 2021, 113, 5027-5039.	1.8	14
12	Assessing the ecological risk of pesticides should not ignore the impact of their transformation byproducts â€“ The case of chlorantraniliprole. Journal of Hazardous Materials, 2021, 418, 126270.	12.4	10
13	Nutrient loss by runoff from rice-wheat rotation during the wheat season is dictated by rainfall duration. Environmental Pollution, 2021, 285, 117382.	7.5	19
14	Microbial-Induced Carbonate Precipitation Improves Physical and Structural Properties of Nanjing Ancient City Walls. Materials, 2021, 14, 5665.	2.9	16
15	Temperature and immigration effects on quorum sensing in the biofilms of anaerobic membrane bioreactors. Journal of Environmental Management, 2021, 293, 112947.	7.8	23
16	The chemodiversity of paddy soil dissolved organic matter is shaped and homogenized by bacterial communities that are orchestrated by geographic distance and fertilizations. Soil Biology and Biochemistry, 2021, 161, 108374.	8.8	29
17	Effect of fertilization on nitrogen losses through surface runoffs in Chinese farmlands: A meta-analysis. Science of the Total Environment, 2021, 793, 148554.	8.0	28
18	Domestic wastewater hydrolysis and lipolysis during start-up in anaerobic digesters and microbial fuel cells at moderate temperatures. International Journal of Environmental Science and Technology, 2020, 17, 27-38.	3.5	8

#	Article	IF	Citations
19	Win-win: Application of sawdust-derived hydrochar in low fertility soil improves rice yield and reduces greenhouse gas emissions from agricultural ecosystems. Science of the Total Environment, 2020, 748, 142457.	8.0	35
20	High yield and mitigation of N-loss from paddy fields obtained by irrigation using optimized application of sewage tail water. Agriculture, Ecosystems and Environment, 2020, 304, 107137.	5.3	8
21	Diversity of Acyl Homoserine Lactone Molecules in Anaerobic Membrane Bioreactors Treating Sewage at Psychrophilic Temperatures. Membranes, 2020, 10, 320.	3.0	12
22	Low-Temperature Pretreatment of Organic Feedstocks with Selected Mineral Wastes Sustains Anaerobic Digestion Stability through Trace Metal Release. Environmental Science & Technology, 2020, 54, 9095-9105.	10.0	10
23	Stable biogas production from single-stage anaerobic digestion of food waste. Applied Energy, 2020, 263, 114609.	10.1	63
24	Improving the methane productivity of anaerobic digestion using aqueous extracts from municipal solid waste incinerator ash. Journal of Environmental Management, 2020, 260, 110160.	7.8	15
25	Predicting the effects of integrating mineral wastes in anaerobic digestion of OFMSW using first-order and Gompertz models from biomethane potential assays. Renewable Energy, 2020, 152, 308-319.	8.9	28
26	Effect of long term fertilization management strategies on methane emissions and rice yield. Science of the Total Environment, 2020, 725, 138261.	8.0	15
27	Humidity governs the wall-inhabiting fungal community composition in a 1600-year tomb of Emperor Yang. Scientific Reports, 2020, 10, 8421.	3.3	13
28	ANIMAL MANURE FUNCTIONS AS SOIL AMENDMENT FOR URBAN GREEN SPACE IN THE LOESS PLATEAU. Applied Ecology and Environmental Research, 2020, 18, 3861-3872.	0.5	0
29	High rate domestic wastewater treatment at 15 Â°C using anaerobic reactors inoculated with cold-adapted sediments/soils â€“ shaping robust methanogenic communities. Environmental Science: Water Research and Technology, 2019, 5, 70-82.	2.4	26
30	The experimental determination of reliable biodegradation rates for mono-aromatics towards evaluating QSBR models. Water Research, 2019, 160, 278-287.	11.3	6
31	Data of metal and microbial analyses from anaerobic co-digestion of organic and mineral wastes. Data in Brief, 2019, 24, 103934.	1.0	5
32	Co-digestion of organic and mineral wastes for enhanced biogas production: Reactor performance and evolution of microbial community and function. Waste Management, 2019, 87, 313-325.	7.4	20
33	Responses of paddy soil bacterial community assembly to different long-term fertilizations in southeast China. Science of the Total Environment, 2019, 656, 625-633.	8.0	73
34	Fertilization shapes a well-organized community of bacterial decomposers for accelerated paddy straw degradation. Scientific Reports, 2018, 8, 7981.	3.3	45
35	Lipolysis of domestic wastewater in anaerobic reactors operating at low temperatures. Environmental Science: Water Research and Technology, 2018, 4, 1002-1013.	2.4	24
36	Divergent Responses of the Diazotrophic Microbiome to Elevated CO2 in Two Rice Cultivars. Frontiers in Microbiology, 2018, 9, 1139.	3.5	19

#	Article	IF	Citations
37	High Efficient Visible-Light Photocatalytic Performance of Cu/ZnO/rGO Nanocomposite for Decomposing of Aqueous Ammonia and Treatment of Domestic Wastewater. Frontiers in Chemistry, 2018, 6, 219.	3.6	41
38	Developing cold-adapted biomass for the anaerobic treatment of domestic wastewater at low temperatures (4, 8 and 15ÂÂ°C) with inocula from cold environments. Water Research, 2017, 112, 100-109.	11.3	67
39	Investigating the feasibility and the limits of high rate anaerobic winery wastewater treatment using a hybrid-EGSB bio-reactor. Chemical Engineering Research and Design, 2016, 102, 107-118.	5.6	15