Anna Grosser

List of Publications by Year
in descending order

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33 papers	1,497 citations	430442 18 h-index	433756 31 g-index
35 all docs	35 docs citations	35 times ranked	1867 citing authors

#	Article	IF	Citations
1	Cycles of carbon, nitrogen and phosphorus in poultry manure management technologies â€“ environmental aspects. Critical Reviews in Environmental Science and Technology, 2023, 53, 914-938.	6.6	23
2	Medium-term effects of Ag supplied directly or via sewage sludge to an agricultural soil on Eisenia fetida earthworm and soil microbial communities. Chemosphere, 2021, 269, 128761.	4.2	12
3	Effects of silver nanoparticles on performance of anaerobic digestion of sewage sludge and associated microbial communities. Renewable Energy, 2021, 171, 1014-1025.	4.3	28
4	Biomethane Potential of Selected Organic Waste and Sewage Sludge at Different Temperature Regimes. Energies, 2021, 14, 4217.	1.6	1
5	Transfer of sulfidized silver from silver nanoparticles, in sewage sludge, to plants and primary consumers in agricultural soil environment. Science of the Total Environment, 2021, 777, 145900.	3.9	16
6	Conversion of Sewage Sludge and Other Biodegradable Waste into High-Value Soil Amendment within a Circular Bioeconomy Perspective. Energies, 2021, 14, 6953.	1.6	5
7	The influence of grease trap sludge sterilization on the performance of anaerobic co-digestion of sewage sludge. Renewable Energy, 2020, 161, 988-997.	4.3	10
8	Management of poultry manure in Poland â€“ Current state and future perspectives. Journal of Environmental Management, 2020, 264, 110327.	3.8	102
9	Gene expression, DNA damage and other stress markers in Sinapis alba L. exposed to heavy metals with special reference to sewage sludge application on contaminated sites. Ecotoxicology and Environmental Safety, 2019, 181, 508-517.	2.9	26
10	Biogas (methane production) and energy recovery from different sludges. , 2019, , 705-740.		2
11	Biogas production by thermal hydrolysis and thermophilic anaerobic digestion of waste-activated sludge. , 2019, , 741-781.		7
12	Ultrasound-Assisted Treatment of Landfill Leachate in a Sequencing Batch Reactor. Water (Switzerland), 2019, 11, 516.	1.2	14
13	Sewage sludge processing and management in small and medium-sized municipal wastewater treatment plant-new technical solution. Journal of Environmental Management, 2019, 234, 90-96.	3.8	57
14	Determination of methane potential of mixtures composed of sewage sludge, organic fraction of municipal waste and grease trap sludge using biochemical methane potential assays. A comparison of BMP tests and semi-continuous trial results. Energy, 2018, 143, 488-499.	4.5	40
15	Treatment of Landfill Leachate Using Ultrasound Assisted SBR Reactor. Proceedings (mdpi), 2018, 2, 648.	0.2	3
16	Circular Economy in Wastewater Treatment Plantâ€“Challenges and Barriers. Proceedings (mdpi), 2018, 2, .	0.2	63
17	Plant growth-promoting rhizobacteria as an alternative to mineral fertilizers in assisted bioremediation - Sustainable land and waste management. Journal of Environmental Management, 2018, 227, 1-9.	3.8	41
18	Sewage sludge and fat rich materials co-digestion - Performance and energy potential. Journal of Cleaner Production, 2018, 198, 1076-1089.	4.6	32

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19	Anaerobic digestion of sewage sludge with grease trap sludge and municipal solid waste as co-substrates. Environmental Research, 2017, 155, 249-260.	3.7	52
20	The influence of decreased hydraulic retention time on the performance and stability of co-digestion of sewage sludge with grease trap sludge and organic fraction of municipal waste. Journal of Environmental Management, 2017, 203, 1143-1157.	3.8	34
21	Determination of the performance of vermicomposting process applied to sewage sludge by monitoring of the compost quality and immune responses in three earthworm species: Eisenia fetida, Eisenia andrei and Dendrobaena veneta. Bioresource Technology, 2017, 241, 103-112.	4.8	69
22	Sewage sludge disposal strategies for sustainable development. Environmental Research, 2017, 156, 39-46.	3.7	537
23	Vermiremediation of polycyclic aromatic hydrocarbons and heavy metals in sewage sludge composting process. Journal of Environmental Management, 2017, 187, 347-353.	3.8	64
24	Effects of single sewage sludge application on soil phytoremediation. Journal of Cleaner Production, 2017, 155, 189-197.	4.6	84
25	Pretreatment methods as a means of boosting methane production from sewage sludge and its mixtures with grease trap sludge. E3S Web of Conferences, 2017, 22, 00058.	0.2	6
26	Enhancement of biogas production from sewage sludge by addition of grease trap sludge. Energy Conversion and Management, 2016, 125, 301-308.	4.4	50
27	Interactions between sewage sludge-amended soil and earthwormsâ€”comparison between Eisenia fetida and Eisenia andrei composting species. Environmental Science and Pollution Research, 2016, 23, 3026-3035.	2.7	43
28	Fate of Engineered Nanoparticles in Wastewater Treatment Plant. Engineering and Protection of Environment, 2016, 19, 577-587.	0.3	2
29	The Impact of PAHs Contamination on the Physicochemical Properties and Microbiological Activity of Industrial Soils. Polycyclic Aromatic Compounds, 2015, 35, 372-386.	1.4	17
30	Efficacy of Biosolids in Assisted Phytostabilization of Metalliferous Acidic Sandy Soils with Five Grass Species. International Journal of Phytoremediation, 2014, 16, 593-608.	1.7	32
31	The potential of biosolid application for the phytostabilisation of metals. Desalination and Water Treatment, 2014, 52, 3955-3964.	1.0	14
32	Boosting production of methane from sewage sludge by addition of grease trap sludge. Environmental Protection Engineering, 2013, 39, .	0.1	8
33	Removal of total petroleum hydrocarbons from wastewater and sewage sludge generated in oil separators and evaluation of the process efficiency. , 0, 199, 205-211.		1