Pompilio Vergine

List of Publications by Year
in descending order

20	589	758635 12	794141 19
papers	citations	h-index	g-index

20	20	20	896
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Agro-industrial wastewater reuse for irrigation of a vegetable crop succession under Mediterranean conditions. Agricultural Water Management, 2018, 196, 1-14.	2.4	175
2	Closing the water cycle in the agro-industrial sector by reusing treated wastewater for irrigation. Journal of Cleaner Production, 2017, 164, 587-596.	4.6	108
3	Influence of air scouring on the performance of a Self Forming Dynamic Membrane BioReactor (SFD) Tj ETQq1 1 0.784314 rgBT /Over	4.8	47
4	Sludge cake and biofilm formation as valuable tools in wastewater treatment by coupling Integrated Fixed-film Activated Sludge (IFAS) with Self Forming Dynamic Membrane BioReactors (SFD-MBR). Bioresource Technology, 2018, 268, 121-127.	4.8	34
5	Hydrolytic-Acidogenic Fermentation of Organic Solid Waste for Volatile Fatty Acids Production at Different Solids Concentrations and Alkalinity Addition. Water, Air, and Soil Pollution, 2016, 227, 1.	1.1	30
6	Nutrient recovery and crop yield enhancement in irrigation with reclaimed wastewater: a case study. Urban Water Journal, 2017, 14, 325-330.	1.0	26
7	Fate of the fecal indicator Escherichia coli in irrigation with partially treated wastewater. Water Research, 2015, 85, 66-73.	5.3	24
8	Identification of the faecal indicator Escherichia coli in wastewater through the Î²-D-glucuronidase activity: comparison between two enumeration methods, membrane filtration with TBX agar, and ColilertÂ®-18. Journal of Water and Health, 2017, 15, 209-217.	1.1	24
9	REUSE OF TREATED MUNICIPAL WASTEWATER FOR IRRIGATION IN APULIA REGION: THE "IN.TE.R.R.A." PROJECT. Environmental Engineering and Management Journal, 2015, 14, 1665-1674.	0.2	18
10	Low temperature microwave and conventional heating pre-treatments to improve sludge anaerobic biodegradability. Water Science and Technology, 2014, 69, 518-524.	1.2	17
11	Synthetic soft drink wastewater suitability for the production of volatile fatty acids. Process Biochemistry, 2015, 50, 1308-1312.	1.8	16
12	Phragmites sp. physiological changes in a constructed wetland treating an effluent contaminated with a diazo dye (DR81). Environmental Science and Pollution Research, 2014, 21, 9626-9643.	2.7	15
13	The Self-Forming Dynamic Membrane BioReactor (SFD MBR) as a suitable technology for agro-industrial wastewater treatment. New Biotechnology, 2020, 56, 87-95.	2.4	12
14	Reuse of ultrafiltered effluents for crop irrigation: On-site flow cytometry unveiled microbial removal patterns across a full-scale tertiary treatment. Science of the Total Environment, 2020, 718, 137298.	3.9	12
15	Self-Forming Dynamic Membrane BioReactors (SFD MBR) for municipal wastewater treatment: Relevance of solids retention time and biological process stability. Separation and Purification Technology, 2021, 255, 117735.	3.9	11
16	A full-scale plug-flow reactor for biological sludge ozonation. Water Science and Technology, 2015, 71, 560-565.	1.2	7
17	Self-forming dynamic membrane bioreactors (SFD MBR) for wastewater treatment: Principles and applications. , 2020, , 235-258.		5
18	Role of Mesh Pore Size in Dynamic Membrane Bioreactors. International Journal of Environmental Research and Public Health, 2021, 18, 1472.	1.2	4

#	Article	IF	Citations
19	Sustaining Irrigated Agriculture in Mediterranean Countries with Treated Municipal Wastewater: A Case Study. Procedia Engineering, 2014, 89, 773-779.	1.2	3
20	Self-forming Dynamic Membrane as a Sustainable Alternative to Synthetic Membranes for MBR. Lecture Notes in Civil Engineering, 2017, , 178-181.	0.3	1