

# Carlo Salerno

## List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	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
2	Role of Mesh Pore Size in Dynamic Membrane Bioreactors. International Journal of Environmental Research and Public Health, 2021, 18, 1472.	1.2	4
3	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
4	A global multinational survey of cefotaxime-resistant coliforms in urban wastewater treatment plants. Environment International, 2020, 144, 106035.	4.8	55
5	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
6	Functional Response of MBR Microbial Consortia to Substrate Stress as Revealed by Metaproteomics. Microbial Ecology, 2019, 78, 873-884.	1.4	11
7	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
8	Nutrient recovery and crop yield enhancement in irrigation with reclaimed wastewater: a case study. Urban Water Journal, 2017, 14, 325-330.	1.0	26
9	Identification of the faecal indicator Escherichia coli in wastewater through the $\beta$ -D-glucuronidase activity: comparison between two enumeration methods, membrane filtration with TBX agar, and Colilert <sup>®</sup> -18. Journal of Water and Health, 2017, 15, 209-217.	1.1	24
10	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
11	Influence of air scouring on the performance of a Self Forming Dynamic Membrane BioReactor (SFD) Tj ETQq1 1 0.784314 rgBT /Overbo	4.8	47
12	Metaproteomics Applied to Activated Sludge for Industrial Wastewater Treatment Revealed a Dominant Methylophilic Metabolism of Hyphomicrobium zavarzinii. Microbial Ecology, 2016, 72, 9-13.	1.4	12
13	Fate of the fecal indicator Escherichia coli in irrigation with partially treated wastewater. Water Research, 2015, 85, 66-73.	5.3	24