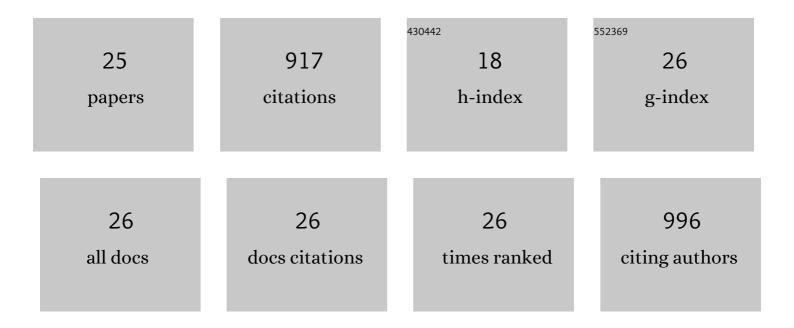
Michela Langone

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Ammonia removal from raw manure digestate by means of a turbulent mixing stripping process. Journal of Environmental Management, 2016, 176, 1-10.	3.8	97
2	Methane production from process water of sewage sludge hydrothermal carbonization. A review. Valorising sludge through hydrothermal carbonization. Critical Reviews in Environmental Science and Technology, 2019, 49, 947-988.	6.6	81
3	Coexistence of nitrifying, anammox and denitrifying bacteria in a sequencing batch reactor. Frontiers in Microbiology, 2014, 5, 28.	1.5	76
4	Monitoring of full-scale hydrodynamic cavitation pretreatment in agricultural biogas plant. Bioresource Technology, 2018, 247, 599-609.	4.8	61
5	Decolourization of Rhodamine B: A swirling jet-induced cavitation combined with NaOCl. Ultrasonics Sonochemistry, 2016, 32, 18-30.	3.8	59
6	A critical review of the current technologies in wastewater treatment plants by using hydrodynamic cavitation process: principles and applications. Journal of Environmental Health Science & Engineering, 2020, 18, 311-333.	1.4	59
7	Effects of hydrodynamic cavitation, low-level thermal and low-level alkaline pre-treatments on sludge solubilisation. Ultrasonics Sonochemistry, 2019, 59, 104750.	3.8	55
8	Process Waters from Hydrothermal Carbonization of Sludge: Characteristics and Possible Valorization Pathways. International Journal of Environmental Research and Public Health, 2020, 17, 6618.	1.2	53
9	SARS-CoV-2 in water services: Presence and impacts. Environmental Pollution, 2021, 268, 115806.	3.7	50
10	A swirling jet-induced cavitation to increase activated sludge solubilisation and aerobic sludge biodegradability. Ultrasonics Sonochemistry, 2017, 35, 489-501.	3.8	48
11	A review of anaerobic side-stream reactor for excess sludge reduction: Configurations, mechanisms, and efficiency. Critical Reviews in Environmental Science and Technology, 2016, 46, 382-405.	6.6	45
12	Shift in microbial community structure of anaerobic side-stream reactor in response to changes to anaerobic solid retention time and sludge interchange ratio. Bioresource Technology, 2016, 221, 588-597.	4.8	35
13	Anaerobic Digestion of Cattle Manure Influenced by Swirling Jet Induced Hydrodynamic Cavitation. Applied Biochemistry and Biotechnology, 2018, 184, 1200-1218.	1.4	29
14	Stoichiometric evaluation of partial nitritation, anammox and denitrification processes in a sequencing batch reactor and interpretation of online monitoring parameters. Chemosphere, 2016, 164, 488-498.	4.2	24
15	Methodological approach for trace elements supplementation in anaerobic digestion: Experience from full-scale agricultural biogas plants. Journal of Environmental Management, 2018, 223, 348-357.	3.8	24
16	Effect of hydrodynamic cavitation on flocs structure in sewage sludge to increase stabilization for efficient and safe reuse in agriculture. Bioremediation Journal, 2022, 26, 41-52.	1.0	21
17	Strict anaerobic side-stream reactor: effect of the sludge interchange ratio on sludge reduction in a biological nutrient removal process. Environmental Science and Pollution Research, 2018, 25, 1243-1256.	2.7	20
18	Evaluation of the aerobic biodegradability of process water produced by hydrothermal carbonization and inhibition effects on the heterotrophic biomass of an activated sludge system. Journal of Environmental Management, 2021, 299, 113561.	3.8	20

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#	Article	IF	CITATIONS
19	An anaerobic side-stream reactor in wastewater treatment: a review. WIT Transactions on Ecology and the Environment, 2014, , .	0.0	15
20	Progress toward full scale application of the anaerobic side-stream reactor (ASSR) process. Bioresource Technology, 2019, 272, 267-274.	4.8	13
21	Sludge reduction by an anaerobic side-stream reactor process: A full-scale application. Environmental Challenges, 2021, 2, 100016.	2.0	11
22	Anaerobic digestion of blood serum water integrated in a valorization process of the bovine blood treatment. Biomass and Bioenergy, 2019, 120, 1-8.	2.9	8
23	Anammox-Based Processes for Mature Leachate Treatment in SBR: A Modelling Study. Processes, 2021, 9, 1443.	1.3	5
24	Investigating the Enhancement in Biogas Production by Hydrothermal Carbonization of Organic Solid Waste and Digestate in an Inter-Stage Treatment Configuration. Processes, 2022, 10, 777.	1.3	4
25	Application of real-time nitrogen measurement for intermittent aeration implementation in a biological nitrogen removal system: performances and efficiencies. Environmental Technology (United Kingdom), 2019, 40, 2513-2526	1.2	3