

Michela Langone

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

25
papers

567
citations

14
h-index

23
g-index

26
ext. papers

740
ext. citations

6.7
avg, IF

4.64
L-index

#	Paper	IF	Citations
25	Investigating the Enhancement in Biogas Production by Hydrothermal Carbonization of Organic Solid Waste and Digestate in an Inter-Stage Treatment Configuration. <i>Processes</i> , 2022 , 10, 777	2.9	2
24	SARS-CoV-2 in water services: Presence and impacts. <i>Environmental Pollution</i> , 2021 , 268, 115806	9.3	26
23	Anammox-Based Processes for Mature Leachate Treatment in SBR: A Modelling Study. <i>Processes</i> , 2021 , 9, 1443	2.9	1
22	Evaluation of the aerobic biodegradability of process water produced by hydrothermal carbonization and inhibition effects on the heterotrophic biomass of an activated sludge system. <i>Journal of Environmental Management</i> , 2021 , 299, 113561	7.9	5
21	Sludge reduction by an anaerobic side-stream reactor process: A full-scale application. <i>Environmental Challenges</i> , 2021 , 2, 100016	2.6	4
20	A critical review of the current technologies in wastewater treatment plants by using hydrodynamic cavitation process: principles and applications. <i>Journal of Environmental Health Science & Engineering</i> , 2020 , 18, 311-333	2.9	32
19	Process Waters from Hydrothermal Carbonization of Sludge: Characteristics and Possible Valorization Pathways. <i>International Journal of Environmental Research and Public Health</i> , 2020 , 17,	4.6	15
18	Effects of hydrodynamic cavitation, low-level thermal and low-level alkaline pre-treatments on sludge solubilisation. <i>Ultrasonics Sonochemistry</i> , 2019 , 59, 104750	8.9	34
17	Methane production from process water of sewage sludge hydrothermal carbonization. A review. Valorising sludge through hydrothermal carbonization. <i>Critical Reviews in Environmental Science and Technology</i> , 2019 , 49, 947-988	11.1	49
16	Anaerobic digestion of blood serum water integrated in a valorization process of the bovine blood treatment. <i>Biomass and Bioenergy</i> , 2019 , 120, 1-8	5.3	6
15	Progress toward full scale application of the anaerobic side-stream reactor (ASSR) process. <i>Bioresource Technology</i> , 2019 , 272, 267-274	11	7
14	Application of real-time nitrogen measurement for intermittent aeration implementation in a biological nitrogen removal system: performances and efficiencies. <i>Environmental Technology (United Kingdom)</i> , 2019 , 40, 2513-2526	2.6	2
13	Anaerobic Digestion of Cattle Manure Influenced by Swirling Jet Induced Hydrodynamic Cavitation. <i>Applied Biochemistry and Biotechnology</i> , 2018 , 184, 1200-1218	3.2	18
12	Monitoring of full-scale hydrodynamic cavitation pretreatment in agricultural biogas plant. <i>Bioresource Technology</i> , 2018 , 247, 599-609	11	37
11	Strict anaerobic side-stream reactor: effect of the sludge interchange ratio on sludge reduction in a biological nutrient removal process. <i>Environmental Science and Pollution Research</i> , 2018 , 25, 1243-1256	5.1	13
10	Methodological approach for trace elements supplementation in anaerobic digestion: Experience from full-scale agricultural biogas plants. <i>Journal of Environmental Management</i> , 2018 , 223, 348-357	7.9	14
9	A swirling jet-induced cavitation to increase activated sludge solubilisation and aerobic sludge biodegradability. <i>Ultrasonics Sonochemistry</i> , 2017 , 35, 489-501	8.9	35

8	Stoichiometric evaluation of partial nitritation, anammox and denitrification processes in a sequencing batch reactor and interpretation of online monitoring parameters. <i>Chemosphere</i> , 2016 , 164, 488-498	8.4	17
7	A review of anaerobic side-stream reactor for excess sludge reduction: Configurations, mechanisms, and efficiency. <i>Critical Reviews in Environmental Science and Technology</i> , 2016 , 46, 382-405	11.1	38
6	Ammonia removal from raw manure digestate by means of a turbulent mixing stripping process. <i>Journal of Environmental Management</i> , 2016 , 176, 1-10	7.9	61
5	Decolourization of Rhodamine B: A swirling jet-induced cavitation combined with NaOCl. <i>Ultrasonics Sonochemistry</i> , 2016 , 32, 18-30	8.9	46
4	Shift in microbial community structure of anaerobic side-stream reactor in response to changes to anaerobic solid retention time and sludge interchange ratio. <i>Bioresource Technology</i> , 2016 , 221, 588-597 ¹¹		32
3	Coexistence of nitrifying, anammox and denitrifying bacteria in a sequencing batch reactor. <i>Frontiers in Microbiology</i> , 2014 , 5, 28	5.7	54
2	An anaerobic side-stream reactor in wastewater treatment: a review 2014 ,		11
1	Effect of hydrodynamic cavitation on flocs structure in sewage sludge to increase stabilization for efficient and safe reuse in agriculture. <i>Bioremediation Journal</i> , 1-12	2.3	7