

# Alessandro Spagni

## List of Publications by Year in descending order

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33  
papers

1,252  
citations

331259

21  
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395343

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33  
all docs

33  
docs citations

33  
times ranked

1502  
citing authors

#	ARTICLE	IF	CITATIONS
1	Organic waste biorefineries: Looking towards implementation. <i>Waste Management</i> , 2020, 114, 274-286.	3.7	91
2	Exploring dynamic membrane as an alternative for conventional membrane for the treatment of old landfill leachate. <i>Journal of Environmental Management</i> , 2019, 246, 658-667.	3.8	13
3	Assessment of dynamic membrane filtration for biological treatment of old landfill leachate. <i>Journal of Environmental Management</i> , 2018, 213, 27-35.	3.8	46
4	Biological hydrogen production via dark fermentation by using a side-stream dynamic membrane bioreactor: Effect of substrate concentration. <i>Chemical Engineering Journal</i> , 2018, 349, 719-727.	6.6	40
5	Application of anaerobic dynamic membrane bioreactor (AnDMBR) for the successful enrichment of Anammox bacteria using mixed anaerobic and aerobic seed sludge. <i>Bioresource Technology</i> , 2018, 266, 532-540.	4.8	23
6	Microalgae-bacteria gas exchange in wastewater: how mixotrophy may reduce the oxygen supply for bacteria. <i>Environmental Science and Pollution Research</i> , 2018, 25, 28004-28014.	2.7	37
7	Analysis of fouling development under dynamic membrane filtration operation. <i>Chemical Engineering Journal</i> , 2017, 312, 136-143.	6.6	57
8	Effect of filtration flux on the development and operation of a dynamic membrane for anaerobic wastewater treatment. <i>Journal of Environmental Management</i> , 2016, 180, 459-465.	3.8	44
9	Model-based analysis of the effect of different operating conditions on fouling mechanisms in a membrane bioreactor. <i>Environmental Science and Pollution Research</i> , 2016, 23, 1598-1609.	2.7	7
10	Anaerobic dynamic membrane bioreactor for wastewater treatment at ambient temperature. <i>Chemical Engineering Journal</i> , 2016, 284, 130-138.	6.6	75
11	Modelling wastewater treatment in a submerged anaerobic membrane bioreactor. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2015, 50, 325-331.	0.9	5
12	Partial nitrification for nitrogen removal from sanitary landfill leachate. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2014, 49, 1331-1340.	0.9	2
13	Online monitoring of MBR fouling by transmembrane pressure and permeability over a long-term experiment. <i>Separation and Purification Technology</i> , 2014, 122, 297-305.	3.9	15
14	Development and permeability of a dynamic membrane for anaerobic wastewater treatment. <i>Bioresource Technology</i> , 2014, 161, 236-244.	4.8	58
15	Evaluation of aeration pretreatment to prepare an inoculum for the two-stage hydrogen and methane production process. <i>Bioresource Technology</i> , 2014, 166, 211-218.	4.8	21
16	Enhanced methane production from rice straw co-digested with anaerobic sludge from pulp and paper mill treatment process. <i>Bioresource Technology</i> , 2013, 148, 135-143.	4.8	49
17	Innovative two-stage anaerobic process for effective codigestion of cheese whey and cattle manure. <i>Bioresource Technology</i> , 2013, 128, 779-783.	4.8	51
18	Effect of solid retention time on sludge filterability and biomass activity: Long-term experiment on a pilot-scale membrane bioreactor treating municipal wastewater. <i>Chemical Engineering Journal</i> , 2013, 221, 176-184.	6.6	36

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19	Wastewater treatment in a submerged anaerobic membrane bioreactor. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2012, 47, 204-209.	0.9	20
20	Stabilisation of biodried municipal solid waste fine fraction in landfill bioreactor. <i>Waste Management</i> , 2012, 32, 1678-1684.	3.7	10
21	Decolourisation of textile wastewater in a submerged anaerobic membrane bioreactor. <i>Bioresource Technology</i> , 2012, 117, 180-185.	4.8	83
22	Modelling microbial population dynamics in nitrification processes. <i>Environmental Modelling and Software</i> , 2011, 26, 938-949.	1.9	12
23	Monitoring the biochemical hydrogen and methane potential of the two-stage dark-fermentative process. <i>Bioresource Technology</i> , 2011, 102, 4474-4479.	4.8	63
24	Textile wastewater treatment in a bench-scale anaerobic-biofilm anoxic-aerobic membrane bioreactor combined with nanofiltration. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2011, 46, 1512-1518.	0.9	20
25	Treatment of a simulated textile wastewater containing the azo-dye reactive orange 16 in an anaerobic-biofilm anoxic-aerobic membrane bioreactor. <i>International Biodeterioration and Biodegradation</i> , 2010, 64, 676-681.	1.9	74
26	Filterability in a submerged anaerobic membrane bioreactor. <i>Desalination</i> , 2010, 250, 787-792.	4.0	53
27	Effect of the organic loading rate on biogas composition in continuous fermentative hydrogen production. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2010, 45, 1475-1481.	0.9	22
28	Artificial intelligence control of a sequencing batch reactor for nitrogen removal via nitrite from landfill leachate. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2010, 45, 1085-1091.	0.9	5
29	Start-up of a pilot-scale membrane bioreactor to treat municipal wastewater. <i>Desalination</i> , 2009, 237, 190-200.	4.0	38
30	Nitrogen removal via nitrite in a sequencing batch reactor treating sanitary landfill leachate. <i>Bioresource Technology</i> , 2009, 100, 609-614.	4.8	92
31	Optimisation of sanitary landfill leachate treatment in a sequencing batch reactor. <i>Water Science and Technology</i> , 2008, 58, 337-343.	1.2	42
32	Intelligent monitoring system for long-term control of Sequencing Batch Reactors. <i>Water Science and Technology</i> , 2008, 57, 431-438.	1.2	24
33	Nitrogen removal optimization in a sequencing batch reactor treating sanitary landfill leachate. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2007, 42, 757-765.	0.9	24