

# Giacomo Bellandi

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11922269/publications.pdf>

Version: 2024-02-01

9  
papers

176  
citations

1163117

8  
h-index

1474206

9  
g-index

9  
all docs

9  
docs citations

9  
times ranked

299  
citing authors

#	ARTICLE	IF	CITATIONS
1	Experimental investigation of granule size and shape dynamics in twin-screw granulation. <i>International Journal of Pharmaceutics</i> , 2014, 475, 485-495.	5.2	32
2	Modelling gas-liquid mass transfer in wastewater treatment: when current knowledge needs to encounter engineering practice and vice versa. <i>Water Science and Technology</i> , 2019, 80, 607-619.	2.5	32
3	Towards improved accuracy in modeling aeration efficiency through understanding bubble size distribution dynamics. <i>Water Research</i> , 2018, 131, 346-355.	11.3	30
4	Towards advanced aeration modelling: from blower to bubbles to bulk. <i>Water Science and Technology</i> , 2017, 75, 507-517.	2.5	26
5	Monitoring the aeration efficiency and carbon footprint of a medium-sized WWTP: experimental results on oxidation tank and aerobic digester. <i>Environmental Technology (United Kingdom)</i> , 2017, 38, 629-638.	2.2	18
6	Towards an online mitigation strategy for N <sub>2</sub> O emissions through principal components analysis and clustering techniques. <i>Journal of Environmental Management</i> , 2020, 261, 110219.	7.8	16
7	Multi-point monitoring of nitrous oxide emissions in three full-scale conventional activated sludge tanks in Europe. <i>Water Science and Technology</i> , 2018, 77, 880-890.	2.5	10
8	Toward a New Plant-Wide Experimental and Modeling Approach for Reduction of Greenhouse Gas Emission from Wastewater Treatment Plants. <i>Journal of Environmental Engineering, ASCE</i> , 2019, 145, .	1.4	10
9	Developing an artificial intelligence-based WRRF nitrous oxide mitigation road map: The Eindhoven N <sub>2</sub> O mitigation case study. <i>Proceedings of the Water Environment Federation</i> , 2017, 2017, 1703-1715.	0.0	2