

# Eric Santos-Clotas

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/603140/publications.pdf>

Version: 2024-02-01

10  
papers

322  
citations

933447

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h-index

1372567

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g-index

10  
all docs

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docs citations

10  
times ranked

343  
citing authors

#	ARTICLE	IF	CITATIONS
1	From biocollagenic waste to efficient biogas purification: Applying circular economy in the leather industry. <i>Environmental Technology and Innovation</i> , 2021, 21, 101229.	6.1	15
2	The core microbiome is responsible for volatile silicon and organic compounds degradation during anoxic lab scale biotrickling filter performance. <i>Science of the Total Environment</i> , 2021, 798, 149162.	8.0	13
3	Biogas purification through membrane bioreactors: Experimental study on siloxane separation and biodegradation. <i>Separation and Purification Technology</i> , 2020, 238, 116440.	7.9	17
4	Potential use of <i>Methylobium</i> sp. as a biodegradation tool in organosilicon and volatile compounds removal for biogas upgrading. <i>Chemosphere</i> , 2020, 240, 124908.	8.2	36
5	Coupling adsorption with biotechnologies for siloxane abatement from biogas. <i>Renewable Energy</i> , 2020, 153, 314-323.	8.9	20
6	Efficient removal of siloxanes and volatile organic compounds from sewage biogas by an anoxic biotrickling filter supplemented with activated carbon. <i>Bioresource Technology</i> , 2019, 294, 122136.	9.6	43
7	Environmental Decision Support System for Biogas Upgrading to Feasible Fuel. <i>Energies</i> , 2019, 12, 1546.	3.1	18
8	Sewage biogas efficient purification by means of lignocellulosic waste-based activated carbons. <i>Bioresource Technology</i> , 2019, 275, 207-215.	9.6	46
9	Competitive siloxane adsorption in multicomponent gas streams for biogas upgrading. <i>Chemical Engineering Journal</i> , 2018, 344, 565-573.	12.7	48
10	Triclosan, carbamazepine and caffeine removal by activated sludge system focusing on membrane bioreactor. <i>Chemical Engineering Research and Design</i> , 2018, 118, 1-9.	5.6	66