Octavio Perez-Garcia

List of Publications by Year
in descending order

12	1,913	933447 10	1281871 11
papers	citations	h-index	g-index

12	12	12	2506
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Induction of Microbial Oxidative Stress as a New Strategy to Enhance the Enzymatic Degradation of Organic Micropollutants in Synthetic Wastewater. Environmental Science & Technology, 2019, 53, 9553-9563.	10.0	18
2	Using carbon substrate as a selection pressure to enhance the potential of aerobic granular sludge microbial communities for removing contaminants of emerging concern. Bioresource Technology, 2019, 290, 121705.	9.6	20
3	Nitrosomonas europaea adaptation to anoxic-oxic cycling: Insights from transcription analysis, proteomics and metabolic network modeling. Science of the Total Environment, 2018, 615, 1566-1573.	8.0	44
4	Modulation of Nitrous Oxide (N2O) Accumulation by Primary Metabolites in Denitrifying Cultures Adapting to Changes in Environmental C and N. Environmental Science & Technology, 2017, 51, 13678-13688.	10.0	22
5	Metabolic Network Modeling of Microbial Interactions in Natural and Engineered Environmental Systems. Frontiers in Microbiology, 2016, 7, 673.	3.5	109
6	Assessment of nitric oxide (NO) redox reactions contribution to nitrous oxide (N₂O) formation during nitrification using a multispecies metabolic network model. Biotechnology and Bioengineering, 2016, 113, 1124-1136.	3.3	11
7	Microalgal Heterotrophic and Mixotrophic Culturing for Bio-refining: From Metabolic Routes to Techno-economics. , 2015, , 61-131.		87
8	A Method to Calibrate Metabolic Network Models with Experimental Datasets. Advances in Intelligent Systems and Computing, 2014, , 183-190.	0.6	5
9	Clarifying the regulation of NO/N2O production in Nitrosomonas europaea during anoxicâ€“oxic transition via flux balance analysis of a metabolic network model. Water Research, 2014, 60, 267-277.	11.3	47
10	Heterotrophic cultures of microalgae: Metabolism and potential products. Water Research, 2011, 45, 11-36.	11.3	1,324
11	ORGANIC CARBON SUPPLEMENTATION OF STERILIZED MUNICIPAL WASTEWATER IS ESSENTIAL FOR HETEROTROPHIC GROWTH AND REMOVING AMMONIUM BY THE MICROALGA CHLORELLA VULGARIS¹. Journal of Phycology, 2011, 47, 190-199.	2.3	99
12	EFFICIENCY OF GROWTH AND NUTRIENT UPTAKE FROM WASTEWATER BY HETEROTROPHIC, AUTOTROPHIC, AND MIXOTROPHIC CULTIVATION OF CHLORELLAâ€ƒVULGARIS IMMOBILIZED WITH AZOSPIRILLUMâ€ƒBRASILENSE1. Journal of Phycology, 2010, 46, 800-812.	2.3	127