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	Heterotrophic cultures of microalgae: Metabolism and potential products. Water Research, 2011, 45, 11-36.	11.3	1,324
2	EFFICIENCY OF GROWTH AND NUTRIENT UPTAKE FROM WASTEWATER BY HETEROTROPHIC, AUTOTROPHIC, AND MIXOTROPHIC CULTIVATION OF CHLORELLAâ€ƒVULGARIS IMMOBILIZED WITH AZOSPIRILLUMâ€ƒBRASILENSE. Journal of Phycology, 2010, 46, 800-812.	2.1	127
3	Metabolic Network Modeling of Microbial Interactions in Natural and Engineered Environmental Systems. Frontiers in Microbiology, 2016, 7, 673.	3.5	109
4	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
5	Microalgal Heterotrophic and Mixotrophic Culturing for Bio-refining: From Metabolic Routes to Techno-economics. , 2015, , 61-131.		87
6	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
7	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
8	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
9	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
10	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
11	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
12	A Method to Calibrate Metabolic Network Models with Experimental Datasets. Advances in Intelligent Systems and Computing, 2014, , 183-190.	0.6	5