

Carlos Martinez von Dossow

List of Publications by Year in descending order

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12
papers

136
citations

1684188

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citing authors

#	ARTICLE	IF	CITATIONS
1	Microalgae and cyanobacteria modeling in water resource recovery facilities: A critical review. <i>Water Research X</i> , 2019, 2, 100024.	6.1	57
2	Theory of turbid microalgae cultures. <i>Journal of Theoretical Biology</i> , 2018, 456, 190-200.	1.7	36
3	Maximizing microalgae productivity in a light-limited chemostat – –This work was supported by the CONICYT doctoral grant (Carlos Martínez), and by the Phycover (ANR-14-CE04-0011) and IPL Algae in silico (INRIA) projects.. <i>IFAC-PapersOnLine</i> , 2018, 51, 735-740.	0.9	10
4	Maximizing microalgae productivity by shading outdoor cultures * *This work was supported by the CONICYT doctoral grant (Carlos Martínez), and by the Phycover (ANR-14-CE04-0011) and Purple Sun (ANR-13-BIME-0004) projects. F. Mairet is grateful to –œFMJH Program Gaspard Monge in optimization and operation research–œ. <i>IFAC-PapersOnLine</i> , 2017, 50, 8734-8739.	0.9	9
5	Evaluation of the feasibility of photosynthetic biogas upgrading: Simulation of a large-scale system. <i>Energy</i> , 2019, 189, 116313.	8.8	6
6	Dynamics and control of a periodically forced microalgae culture. <i>IFAC-PapersOnLine</i> , 2019, 52, 922-927.	0.9	3
7	Modeling and Analysis of an Absorption Column Connected to a Microalgae Culture. <i>SIAM Journal on Applied Mathematics</i> , 2020, 80, 772-791.	1.8	3
8	Dynamics of the periodically forced light-limited Droop model. <i>Journal of Differential Equations</i> , 2020, 269, 3890-3913.	2.2	3
9	Dynamics and productivity of microalgae in presence of predators. <i>IFAC-PapersOnLine</i> , 2021, 54, 673-678.	0.9	3
10	Global dynamics of the chemostat with overflow metabolism. <i>Journal of Mathematical Biology</i> , 2021, 82, 13.	1.9	3
11	Optimal control of a fed-batch reactor with overflow metabolism. <i>IFAC-PapersOnLine</i> , 2020, 53, 16820-16825.	0.9	2
12	Quantifying the potential of microalgae to remove nutrients from wastewater. <i>IFAC-PapersOnLine</i> , 2019, 52, 287-292.	0.9	1