

# Carlos Martinez von Dossow

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3221335/publications.pdf>

Version: 2024-02-01

12  
papers

136  
citations

1684188

5  
h-index

1199594

12  
g-index

13  
all docs

13  
docs citations

13  
times ranked

151  
citing authors

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