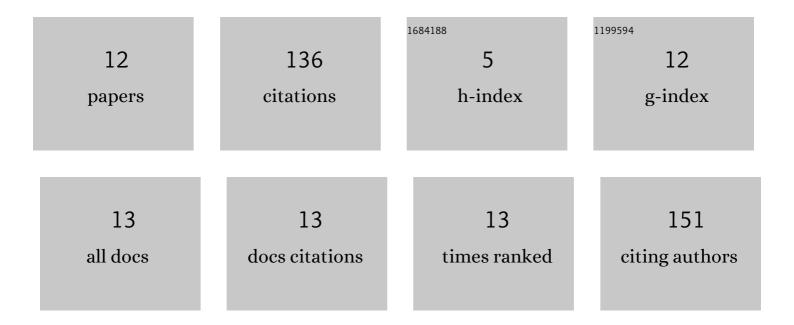
Carlos Martinez von Dossow

List of Publications by Year in descending order

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CARLOS MARTINEZ VON

| # | 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 ⎠âŽThis work was supported by the CONICYT doctoral grant (Carlos MartÃnez), 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 MartAnez), and by the Phycover (ANR-14-CE04-0011) and Purple Sun (ANR-13-BIME-0004) projects. F. Mairet is grateful to "FMJH Program Gaspard Monge in optimization and operation research― IFAC-PapersOnLine, 2017, 50, 8734-8739. | 0.9 | 9 |