

Ignacio Niizawa

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

172
citations

1163117

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1372567

10
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11
all docs

11
docs citations

11
times ranked

206
citing authors

#	ARTICLE	IF	CITATIONS
1	Natural astaxanthin encapsulation: Use of response surface methodology for the design of alginate beads. <i>International Journal of Biological Macromolecules</i> , 2019, 121, 601-608.	7.5	44
2	Enhancement of astaxanthin production from <i>Haematococcus pluvialis</i> under autotrophic growth conditions by a sequential stress strategy. <i>Preparative Biochemistry and Biotechnology</i> , 2018, 48, 528-534.	1.9	36
3	Modeling of the influence of light quality on the growth of microalgae in a laboratory scale photo-bio-reactor irradiated by arrangements of blue and red LEDs. <i>Biochemical Engineering Journal</i> , 2014, 90, 214-223.	3.6	22
4	Analysis and Design of Photobioreactors for Microalgae Production I: Method and Parameters for Radiation Field Simulation. <i>Photochemistry and Photobiology</i> , 2012, 88, 938-951.	2.5	17
5	Analysis and Design of Photobioreactors for Microalgae Production II: Experimental Validation of a Radiation Field Simulator Based on a Monte Carlo Algorithm. <i>Photochemistry and Photobiology</i> , 2012, 88, 952-960.	2.5	16
6	Stratification of the Radiation Field Inside a Photobioreactor During Microalgae Growth. <i>Photochemistry and Photobiology</i> , 2013, 89, 1127-1134.	2.5	10
7	Modeling and simulation of the influence of fractions of blue and red light on the growth of the microalga <i>Scenedesmus quadricauda</i> . <i>Biochemical Engineering Journal</i> , 2018, 129, 16-25.	3.6	10
8	Light wavelength distribution effects on the growth rate of <i>Scenedesmus quadricauda</i> . <i>Biochemical Engineering Journal</i> , 2017, 126, 126-134.	3.6	9
9	Storage stability of chia (<i>Salvia hispanica</i> L.) oil incorporated with astaxanthin. <i>Journal of Food Processing and Preservation</i> , 2021, 45, e15184.	2.0	4
10	Astaxanthin production by autotrophic cultivation of <i>Haematococcus pluvialis</i> : A success story. , 2021, , 71-89.		2
11	Design of whey protein aggregates towards microgel-stabilized emulsion generation. <i>LWT - Food Science and Technology</i> , 2021, 152, 112324.	5.2	2