

David Fuente

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9164375/publications.pdf>

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9
papers

117
citations

1478505

6
h-index

1474206

9
g-index

9
all docs

9
docs citations

9
times ranked

234
citing authors

#	ARTICLE	IF	CITATIONS
1	Generation and Evaluation of a Genome-Scale Metabolic Network Model of <i>Synechococcus elongatus</i> PCC7942. <i>Metabolites</i> , 2014, 4, 680-698.	2.9	29
2	Light distribution and spectral composition within cultures of micro-algae: Quantitative modelling of the light field in photobioreactors. <i>Algal Research</i> , 2017, 23, 166-177.	4.6	24
3	CyanoFactory, a European consortium to develop technologies needed to advance cyanobacteria as chassis for production of chemicals and fuels. <i>Algal Research</i> , 2019, 41, 101510.	4.6	24
4	Automation on the Generation of Genome-Scale Metabolic Models. <i>Journal of Computational Biology</i> , 2012, 19, 1295-1306.	1.6	14
5	Estimation of the light field inside photosynthetic microorganism cultures through Mittag-Leffler functions at depleted light conditions. <i>Journal of Quantitative Spectroscopy and Radiative Transfer</i> , 2018, 204, 23-26.	2.3	11
6	Reconstruction of the absorption spectrum of <i>Synechocystis</i> sp. PCC 6803 optical mutants from the in vivo signature of individual pigments. <i>Photosynthesis Research</i> , 2021, 147, 75-90.	2.9	10
7	Seasonal variations of electrical signals of <i>Pinus halepensis</i> Mill. in Mediterranean forests in dependence on climatic conditions. <i>Plant Signaling and Behavior</i> , 2021, 16, 1948744.	2.4	2
8	Biomass Assessment and Carbon Sequestration in Post-Fire Shrublands by Means of Sentinel-2 and Gaussian Processes. <i>Forests</i> , 2022, 13, 771.	2.1	2
9	Rational Design of a Genetic Finite State Machine: Combining Biology, Engineering, and Mathematics for Bio-Computer Research. <i>Mathematics</i> , 2020, 8, 1362.	2.2	1