

Guillaume Longatte

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

251
citations

1040056

9
h-index

1372567

10
g-index

13
all docs

13
docs citations

13
times ranked

293
citing authors

#	ARTICLE	IF	CITATIONS
1	Investigation of photocurrents resulting from a living unicellular algae suspension with quinones over time. Chemical Science, 2018, 9, 8271-8281.	7.4	53
2	Locked nucleic acid molecular beacon for multiplex detection of loop mediated isothermal amplification. Sensors and Actuators B: Chemical, 2018, 268, 255-263.	7.8	38
3	Evaluation of photosynthetic electrons derivation by exogenous redox mediators. Biophysical Chemistry, 2015, 205, 1-8.	2.8	33
4	Redesigning the QA binding site of Photosystem II allows reduction of exogenous quinones. Nature Communications, 2017, 8, 15274.	12.8	33
5	Electrochemical Harvesting of Photosynthetic Electrons from Unicellular Algae Population at the Preparative Scale by Using 2,6-dichlorobenzoquinone. Electrochimica Acta, 2017, 236, 337-342.	5.2	32
6	Impact of the Coverage of Aptamers on a Nanoparticle on the Binding Equilibrium and Kinetics between Aptamer and Protein. ACS Sensors, 2021, 6, 538-545.	7.8	19
7	Electrocatalytic Mechanism Involving Michaelis-Menten Kinetics at the Preparative Scale: Theory and Applicability to Photocurrents from a Photosynthetic Algae Suspension With Quinones. ChemPhysChem, 2017, 18, 2643-2650.	2.1	15
8	Protease sensing using nontoxic silicon quantum dots. Journal of Biomedical Optics, 2017, 22, 1.	2.6	13
9	Diverting photosynthetic electrons from suspensions of Chlamydomonas reinhardtii algae - New insights using an electrochemical well device. Electrochimica Acta, 2019, 304, 465-473.	5.2	10
10	Colloidal silicon quantum dots: from preparation to the modification of self-assembled monolayers for bioimaging and sensing applications. , 2017, , .		3
11	FRET theoretical predictions concerning freely diffusive dyes inside spherical container: how to choose the best pair?. Photochemical and Photobiological Sciences, 2021, 20, 275-283.	2.9	1
12	Biomolecular Binding under Confinement: Statistical Predictions of Steric Influence in Absence of Long-Range Distance Interactions. ChemPhysChem, 2022, 23, .	2.1	1