

Guillaume Longatte

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2071293/publications.pdf>

Version: 2024-02-01

12
papers

251
citations

1039880

9
h-index

1372474

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. <i>Chemical Science</i> , 2018, 9, 8271-8281.	3.7	53
2	Locked nucleic acid molecular beacon for multiplex detection of loop mediated isothermal amplification. <i>Sensors and Actuators B: Chemical</i> , 2018, 268, 255-263.	4.0	38
3	Evaluation of photosynthetic electrons derivation by exogenous redox mediators. <i>Biophysical Chemistry</i> , 2015, 205, 1-8.	1.5	33
4	Redesigning the QA binding site of Photosystem II allows reduction of exogenous quinones. <i>Nature Communications</i> , 2017, 8, 15274.	5.8	33
5	Electrochemical Harvesting of Photosynthetic Electrons from Unicellular Algae Population at the Preparative Scale by Using 2,6-dichlorobenzoquinone. <i>Electrochimica Acta</i> , 2017, 236, 337-342.	2.6	32
6	Impact of the Coverage of Aptamers on a Nanoparticle on the Binding Equilibrium and Kinetics between Aptamer and Protein. <i>ACS Sensors</i> , 2021, 6, 538-545.	4.0	19
7	Electrocatalytic Mechanism Involving Michaelis-Menten Kinetics at the Preparative Scale: Theory and Applicability to Photocurrents from a Photosynthetic Algae Suspension With Quinones. <i>ChemPhysChem</i> , 2017, 18, 2643-2650.	1.0	15
8	Protease sensing using nontoxic silicon quantum dots. <i>Journal of Biomedical Optics</i> , 2017, 22, 1.	1.4	13
9	Diverting photosynthetic electrons from suspensions of <i>Chlamydomonas reinhardtii</i> algae - New insights using an electrochemical well device. <i>Electrochimica Acta</i> , 2019, 304, 465-473.	2.6	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?. <i>Photochemical and Photobiological Sciences</i> , 2021, 20, 275-283.	1.6	1
12	Biomolecular Binding under Confinement: Statistical Predictions of Steric Influence in Absence of Long-Range Distance Interactions. <i>ChemPhysChem</i> , 2022, 23, .	1.0	1