

Julian David Janna Olmos

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

285
citations

1162889

8
h-index

1281743

11
g-index

13
all docs

13
docs citations

13
times ranked

425
citing authors

#	ARTICLE	IF	CITATIONS
1	Photosystem I-based Biophotovoltaics on Nanostructured Hematite. <i>Advanced Functional Materials</i> , 2014, 24, 7467-7477.	7.8	70
2	Structure and function of photosystem I and its application in biomimetic solar-to-fuel systems. <i>Journal of Plant Physiology</i> , 2012, 169, 1639-1653.	1.6	55
3	Molecular Mechanisms of Photoadaptation of Photosystem I Supercomplex from an Evolutionary Cyanobacterial/Algal Intermediate. <i>Plant Physiology</i> , 2018, 176, 1433-1451.	2.3	35
4	Plasmon-induced absorption of blind chlorophylls in photosynthetic proteins assembled on silver nanowires. <i>Nanoscale</i> , 2017, 9, 10475-10486.	2.8	30
5	A quest for the artificial leaf. <i>International Journal of Biochemistry and Cell Biology</i> , 2015, 66, 37-44.	1.2	29
6	Biofunctionalisation of p-doped silicon with cytochrome c ₅₅₃ minimises charge recombination and enhances photovoltaic performance of the all-solid-state photosystem I-based biophotocathode. <i>RSC Advances</i> , 2017, 7, 47854-47866.	1.7	21
7	Oxygenic photosynthesis: translation to solar fuel technologies. <i>Acta Societatis Botanicorum Poloniae</i> , 2014, 83, 423-440.	0.8	17
8	A single residue can modulate nanocage assembly in salt dependent ferritin. <i>Nanoscale</i> , 2021, 13, 11932-11942.	2.8	11
9	Unequal misses during the flash-induced advancement of photosystem II: effects of the S state and acceptor side cycles. <i>Photosynthesis Research</i> , 2019, 139, 93-106.	1.6	10
10	Truncated Aspidosperma Alkaloid-Like Scaffolds: Unique Structures for the Discovery of New, Bioactive Compounds. <i>Heterocycles</i> , 2012, 84, 135.	0.4	5
11	Spectral Dependence of the Energy Transfer from Photosynthetic Complexes to Monolayer Graphene. <i>International Journal of Molecular Sciences</i> , 2022, 23, 3493.	1.8	1
12	Improving Photostability of Photosystem I-Based Nanodevice by Plasmonic Interactions with Planar Silver Nanostructures. <i>International Journal of Molecular Sciences</i> , 2022, 23, 2976.	1.8	1