

Stefano Cestellos-Blanco

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

1,314
citations

623188

14
h-index

887659

17
g-index

17
all docs

17
docs citations

17
times ranked

1798
citing authors

#	ARTICLE	IF	CITATIONS
1	Bacteria photosensitized by intracellular gold nanoclusters for solar fuel production. <i>Nature Nanotechnology</i> , 2018, 13, 900-905.	15.6	362
2	Photosynthetic semiconductor biohybrids for solar-driven biocatalysis. <i>Nature Catalysis</i> , 2020, 3, 245-255.	16.1	237
3	Close-Packed Nanowire-Bacteria Hybrids for Efficient Solar-Driven CO ₂ Fixation. <i>Joule</i> , 2020, 4, 800-811.	11.7	124
4	Nontoxic nanopore electroporation for effective intracellular delivery of biological macromolecules. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 7899-7904.	3.3	120
5	Physical Biology of the Materialsâ€™ Microorganism Interface. <i>Journal of the American Chemical Society</i> , 2018, 140, 1978-1985.	6.6	115
6	Gold-Nanocluster-Mediated Delivery of siRNA to Intact Plant Cells for Efficient Gene Knockdown. <i>Nano Letters</i> , 2021, 21, 5859-5866.	4.5	53
7	Photoelectrochemical CO ₂ Reduction toward Multicarbon Products with Silicon Nanowire Photocathodes Interfaced with Copper Nanoparticles. <i>Journal of the American Chemical Society</i> , 2022, 144, 8002-8006.	6.6	46
8	Roadmap on semiconductorâ€™ cell biointerfaces. <i>Physical Biology</i> , 2018, 15, 031002.	0.8	45
9	Miniaturized Antimicrobial Susceptibility Test by Combining Concentration Gradient Generation and Rapid Cell Culturing. <i>Antibiotics</i> , 2015, 4, 455-466.	1.5	44
10	Two-Step Patterning of Scalable All-Inorganic Halide Perovskite Arrays. <i>ACS Nano</i> , 2020, 14, 3500-3508.	7.3	44
11	Solar-driven carbon dioxide fixation using photosynthetic semiconductor bio-hybrids. <i>Faraday Discussions</i> , 2019, 215, 54-65.	1.6	30
12	Sulfur-doped graphene anchoring of ultrafine Au ₂₅ nanoclusters for electrocatalysis. <i>Nano Research</i> , 2021, 14, 3509-3513.	5.8	26
13	Production of PHB From CO ₂ -Derived Acetate With Minimal Processing Assessed for Space Biomanufacturing. <i>Frontiers in Microbiology</i> , 2021, 12, 700010.	1.5	17
14	Molecular insights and future frontiers in cell photosensitization for solar-driven CO ₂ conversion. <i>IScience</i> , 2021, 24, 102952.	1.9	17
15	Enhancing Biohybrid CO ₂ to Multicarbon Reduction via Adapted Whole-Cell Catalysts. <i>Nano Letters</i> , 2022, 22, 5503-5509.	4.5	16
16	Photosynthetic biohybrid coculture for tandem and tunable CO ₂ and N ₂ fixation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, .	3.3	14
17	Reply to Nathamgari et al.: Nanopore electroporation for intracellular delivery of biological macromolecules. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 22911-22911.	3.3	4