

Juntai Liu

List of Publications by Year in descending order

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Version: 2024-02-01

9
papers

143
citations

1307366

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1474057

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11
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11
times ranked

208
citing authors

#	ARTICLE	IF	CITATIONS
1	Nonequilibrium Spatiotemporal Sensing within Acoustically Patterned Two-Dimensional Protocell Arrays. <i>ACS Central Science</i> , 2018, 4, 1551-1558.	5.3	42
2	Polychromatic solar energy conversion in pigment-protein chimeras that unite the two kingdoms of (bacterio)chlorophyll-based photosynthesis. <i>Nature Communications</i> , 2020, 11, 1542.	5.8	27
3	Mechanisms of Self-Assembly and Energy Harvesting in Tuneable Conjugates of Quantum Dots and Engineered Photovoltaic Proteins. <i>Small</i> , 2019, 15, e1804267.	5.2	15
4	Minding the Gap between Plant and Bacterial Photosynthesis within a Self-Assembling Biohybrid Photosystem. <i>ACS Nano</i> , 2020, 14, 4536-4549.	7.3	15
5	Directed assembly of defined oligomeric photosynthetic reaction centres through adaptation with programmable extra-membrane coiled-coil interfaces. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2016, 1857, 1829-1839.	0.5	11
6	Engineered photoproteins that give rise to photosynthetically-incompetent bacteria are effective as photovoltaic materials for biohybrid photoelectrochemical cells. <i>Faraday Discussions</i> , 2018, 207, 307-327.	1.6	10
7	High-Efficiency Excitation Energy Transfer in Biohybrid Quantum Dot-Bacterial Reaction Center Nanoconjugates. <i>Journal of Physical Chemistry Letters</i> , 2021, 12, 5448-5455.	2.1	10
8	Anti-bias training for (sc)RNA-seq: experimental and computational approaches to improve precision. <i>Briefings in Bioinformatics</i> , 2021, 22, .	3.2	8
9	Developing a graduate training program in Synthetic Biology: SynBioCDT. <i>Synthetic Biology</i> , 2019, 4, ysz006.	1.2	5