

Joseph Kuo-Hsiang Tang

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

270
citations

1163117

8
h-index

1199594

12
g-index

13
all docs

13
docs citations

13
times ranked

479
citing authors

#	ARTICLE	IF	CITATIONS
1	Strong coupling between chlorosomes of photosynthetic bacteria and a confined optical cavity mode. <i>Nature Communications</i> , 2014, 5, 5561.	12.8	102
2	A Nanophotonic Structure Containing Living Photosynthetic Bacteria. <i>Small</i> , 2017, 13, 1701777.	10.0	46
3	Recent advances in mapping environmental microbial metabolisms through ¹³ C isotopic fingerprints. <i>Journal of the Royal Society Interface</i> , 2012, 9, 2767-2780.	3.4	34
4	Chromatic acclimation and population dynamics of green sulfur bacteria grown with spectrally tailored light. <i>Scientific Reports</i> , 2014, 4, 5057.	3.3	15
5	Temperature and Carbon Assimilation Regulate the Chlorosome Biogenesis in Green Sulfur Bacteria. <i>Biophysical Journal</i> , 2013, 105, 1346-1356.	0.5	14
6	Probing the Spatial Organization of Bacteriochlorophyll <i>a</i> by Solid-State Nuclear Magnetic Resonance. <i>Biochemistry</i> , 2014, 53, 5515-5525.	2.5	14
7	Sol-gel entrapped light harvesting antennas: immobilization and stabilization of chlorosomes for energy harvesting. <i>Journal of Materials Chemistry</i> , 2012, 22, 22582.	6.7	11
8	Alternative Excitonic Structure in the Baseplate (BChl <i>a</i> -CsmA Complex) of the Chlorosome from <i>Chlorobaculum tepidum</i> . <i>Journal of Physical Chemistry Letters</i> , 2015, 6, 2702-2707.	4.6	10
9	Temperature shift effect on the <i>Chlorobaculum tepidum</i> chlorosomes. <i>Photosynthesis Research</i> , 2013, 115, 23-41.	2.9	8
10	Impact of esterified bacteriochlorophylls on the biogenesis of chlorosomes in <i>Chloroflexus aurantiacus</i> . <i>Photosynthesis Research</i> , 2014, 122, 69-86.	2.9	8
11	Peroxidase Activity and Involvement in the Oxidative Stress Response of <i>Roseobacter denitrificans</i> Truncated Hemoglobin. <i>PLoS ONE</i> , 2015, 10, e0117768.	2.5	4
12	Metabolic responses of the aerobic anoxygenic phototrophic bacterium <i>Roseobacter denitrificans</i> during photoheterotrophic and heterotrophic growth. <i>FASEB Journal</i> , 2013, 27, 1008.1.	0.5	0