Peng Wang

List of Publications by Year
in descending order

27	322	933447 10	888059 17
papers	citations	h-index	g-index

27	27	27	350
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Metalâ€Free Tandem Oneâ€Pot Construction of 3,3â€Disubsituted 3,4â€Dihydroquinoxalinâ€2(1H)â€Ones under Visibleâ€Light Photoredox Catalysis. Advanced Synthesis and Catalysis, 2022, 364, 658-664.	4.3	6
2	Rhodium(III)â€Catalyzed Regioselective Câˆ'H Annulation and Alkenylation of 2â€Pyridones with Terminal Alkynes. Advanced Synthesis and Catalysis, 2022, 364, 1264-1270.	4.3	9
3	Lipid-Enhanced Photoprotection of LHCII in Membrane Nanodisc by Reducing Chlorophyll Triplet Production. Journal of Physical Chemistry B, 2022, 126, 2669-2676.	2.6	3
4	Carotenoid Single-Molecular Singlet Fission and the Photoprotection of a Bacteriochlorophyll b-Type Core Light-Harvesting Antenna. Journal of Physical Chemistry Letters, 2022, 13, 3534-3541.	4.6	5
5	Rhodium(I)â€Catalyzed C2â€Selective Decarbonylative Câˆ'H Alkylation of Indoles with Alkyl Carboxylic Acids and Anhydrides. Asian Journal of Organic Chemistry, 2021, 10, 879-885.	2.7	12
6	Solvation effect on photophysical and photochemical properties of mono-biotinylated curcumin. Chemical Physics Letters, 2021, 774, 138616.	2.6	3
7	Primary reaction intermediates of Type-I photosensitized lipid oxidation as revealed by time-resolved optical spectroscopies. Journal of Photochemistry and Photobiology A: Chemistry, 2021, 418, 113376.	3.9	4
8	Conjugation Length Dependence of Free Radical Scavenging Efficiency of Retinal and Retinylisoflavonoid Homologues. ACS Omega, 2020, 5, 13770-13776.	3.5	1
9	Excited State Properties of Fucoxanthin Aggregates. Chemical Research in Chinese Universities, 2019, 35, 627-635.	2.6	1
10	Integrity of Membrane Structures in Giant Unilamellar Vesicles as Assay for Antioxidants and Prooxidants. Analytical Chemistry, 2018, 90, 2126-2133.	6.5	11
11	Solvent tuning configurational conversion of lycopene aggregates in organic-aqueous mixing solvent. Chemical Physics Letters, 2018, 701, 52-57.	2.6	10
12	Surfactant Effects on the Permeability of Photosynthetic Membrane from Rhodobacter sphaeroides 2.4.1 Probed by Electrochromic Shift of Endogenous Carotenoids. Chemical Research in Chinese Universities, 2018, 34, 989-994.	2.6	1
13	Orientation assignment of LH2 and LH1-RC complexes from Thermochromatium tepidum reconstituted in PC liposome and their ultrafast excitation dynamics comparison between in artificial and in natural chromatophores. Chemical Physics Letters, 2018, 705, 78-84.	2.6	6
14	Structure and Excitation Dynamics of Î²-Carotene Aggregates in Cetyltrimethylammonium Bromide Micelle. Chemical Research in Chinese Universities, 2018, 34, 643-648.	2.6	4
15	Triplet excitation dynamics of Î² -carotene studied in three solvents by ns flash photolysis spectroscopy. Chinese Chemical Letters, 2017, 28, 83-88.	9.0	0
16	Carotenoid Singlet Fission Reactions in Bacterial Light Harvesting Complexes As Revealed by Triplet Excitation Profiles. Journal of the American Chemical Society, 2017, 139, 15984-15993.	13.7	26
17	Singlet Fission Reaction of Light-Exposed Î²-Carotene Bound to Bovine Serum Albumin. A Novel Mechanism in Protection of Light-Exposed Tissue by Dietary Carotenoids. Journal of Agricultural and Food Chemistry, 2017, 65, 6058-6062.	5.2	14
18	Triplet excitation dynamics of two keto-carotenoids in n-hexane and in methanol as studied by ns flash photolysis spectroscopy. Chemical Physics Letters, 2015, 633, 114-119.	2.6	8

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19	Thermal Adaptability of the Light-Harvesting Complex 2 from Thermochromatium tepidum: Temperature-Dependent Excitation Transfer Dynamics. Journal of Physical Chemistry B, 2015, 119, 14871-14879.	2.6	14
20	Î²â€Carotene as a Membrane Antioxidant Probed by Cholesterolâ€Anchored Daidzein. Journal of Food Science, 2014, 79, C1688-94.	3.1	2
21	Effects of Aggregation on the Excitation Dynamics of LH2 fromThermochromatium tepidumin Aqueous Phase and in Chromatophores. Journal of Physical Chemistry B, 2011, 115, 7906-7913.	2.6	12
22	Chain Length Effects in Isoflavonoid Daidzein Alkoxy Derivatives as Antioxidants: A Quantum Mechanical Approach. Journal of Agricultural and Food Chemistry, 2011, 59, 12652-12657.	5.2	22
23	Retinylisoflavonoid as a Novel Membrane Antioxidant. Journal of Physical Chemistry B, 2010, 114, 13904-13910.	2.6	8
24	Specific Ca²⁺â€binding motif in the LH1 complex from photosynthetic bacterium Thermochromatiumâ€ƒtepidum as revealed by optical spectroscopy and structural modeling. FEBS Journal, 2009, 276, 1739-1749.	4.7	26
25	Excitation Dynamics of Two Spectral Forms of the Core Complexes from Photosynthetic Bacterium Thermochromatium tepidum. Biophysical Journal, 2008, 95, 3349-3357.	0.5	36
26	Daidzein as an Antioxidant of Lipid: Effects of the Microenvironment in Relation to Chemical Structure. Journal of Agricultural and Food Chemistry, 2008, 56, 10376-10383.	5.2	48
27	Low-lying singlet states of carotenoids having 8â€“13 conjugated double bonds as determined by electronic absorption spectroscopy. Chemical Physics Letters, 2005, 410, 108-114.	2.6	30