

Andrew Gall

List of Publications by Year in descending order

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28
papers

1,498
citations

394421

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501196

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docs citations

28
times ranked

1471
citing authors

#	ARTICLE	IF	CITATIONS
1	Apoprotein heterogeneity increases spectral disorder and a step-wise modification of the B850 fluorescence peak position. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2018, 1859, 137-144.	1.0	2
2	Conformational Switching in a Light-Harvesting Protein as Followed by Single-Molecule Spectroscopy. <i>Biophysical Journal</i> , 2015, 108, 2713-2720.	0.5	20
3	Atomic view of the histidine environment stabilizing higher-pH conformations of pH-dependent proteins. <i>Nature Communications</i> , 2015, 6, 7771.	12.8	36
4	Mapping energy transfer channels in fucoxanthin-chlorophyll protein complex. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2015, 1847, 241-247.	1.0	59
5	Vibrational techniques applied to photosynthesis: Resonance Raman and fluorescence line-narrowing. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2015, 1847, 12-18.	1.0	33
6	Light-dependent conformational change of neoxanthin in a siphonous green alga, <i>Codium intricatum</i> , revealed by Raman spectroscopy. <i>Photosynthesis Research</i> , 2014, 121, 69-77.	2.9	22
7	Electronic Absorption and Ground State Structure of Carotenoid Molecules. <i>Journal of Physical Chemistry B</i> , 2013, 117, 11015-11021.	2.6	93
8	Excitons in the LH3 Complexes from Purple Bacteria. <i>Journal of Physical Chemistry B</i> , 2013, 117, 11058-11068.	2.6	14
9	Exciton Band Structure in Bacterial Peripheral Light-Harvesting Complexes. <i>Journal of Physical Chemistry B</i> , 2012, 116, 5192-5198.	2.6	18
10	The light intensity under which cells are grown controls the type of peripheral light-harvesting complexes that are assembled in a purple photosynthetic bacterium. <i>Biochemical Journal</i> , 2011, 440, 51-61.	3.7	33
11	Molecular Adaptation of Photoprotection: Triplet States in Light-Harvesting Proteins. <i>Biophysical Journal</i> , 2011, 101, 934-942.	0.5	58
12	Spectral dependence of energy transfer in wild-type peripheral light-harvesting complexes of photosynthetic bacteria. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2010, 1797, 1465-1469.	1.0	11
13	Ferredoxin:NADP+ Oxidoreductase Association with Phycocyanin Modulates Its Properties. <i>Journal of Biological Chemistry</i> , 2009, 284, 31789-31797.	3.4	35
14	The peripheral light-harvesting complexes from purple sulfur bacteria have different "ring" sizes. <i>FEBS Letters</i> , 2008, 582, 3650-3656.	2.8	37
15	The architecture and function of the light-harvesting apparatus of purple bacteria: from single molecules to in vivo membranes. <i>Quarterly Reviews of Biophysics</i> , 2006, 39, 227-324.	5.7	610
16	Spectral Trends in the Fluorescence of Single Bacterial Light-Harvesting Complexes: Experiments and Modified Redfield Simulations. <i>Biophysical Journal</i> , 2006, 90, 2475-2485.	0.5	33
17	Preferential Incorporation of Coloured-carotenoids Occurs in the LH2 Complexes From Non-sulphur Purple Bacteria Under Carotenoid-limiting Conditions. <i>Photosynthesis Research</i> , 2005, 86, 25-35.	2.9	39
18	The effect of internal voids in membrane proteins: high-pressure study of two photochemical reaction centres from <i>Rhodobacter sphaeroides</i> . <i>FEBS Letters</i> , 2004, 560, 221-225.	2.8	8

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19	Influence of Carotenoid Molecules on the Structure of the Bacteriochlorophyll Binding Site in Peripheral Light-Harvesting Proteins from <i>Rhodobacter sphaeroides</i> . <i>Biochemistry</i> , 2003, 42, 7252-7258.	2.5	34
20	Membrane Protein Stability: High Pressure Effects on the Structure and Chromophore-Binding Properties of the Light-Harvesting Complex LH2. <i>Biochemistry</i> , 2003, 42, 13019-13026.	2.5	36
21	Structural Asymmetry of Bacterial Reaction Centers: A Qy Resonant Raman Study of the Monomer Bacteriochlorophylls. <i>Journal of Physical Chemistry A</i> , 2002, 106, 3605-3613.	2.5	17
22	Effect of High Pressure on the Photochemical Reaction Center from <i>Rhodobacter sphaeroides</i> R26.1. <i>Biophysical Journal</i> , 2001, 80, 1487-1497.	0.5	19
23	Probing the binding sites of exchanged chlorophyll in LH2 by Raman and site-selection fluorescence spectroscopies. <i>FEBS Letters</i> , 2001, 491, 143-147.	2.8	17
24	Bacteriochlorin-protein interactions in native B800-B850, B800 deficient and B800-Bchl _a -reconstituted complexes from <i>Rhodospseudomonas acidophila</i> , strain 10050. <i>FEBS Letters</i> , 1999, 449, 269-272.	2.8	28
25	Characterization of the Different Peripheral Light-Harvesting Complexes from High- and Low-Light Grown Cells from <i>Rhodospseudomonas palustris</i> . <i>Biochemistry</i> , 1999, 38, 5185-5190.	2.5	44
26	Conformation of Bacteriochlorophyll Molecules in Photosynthetic Proteins from Purple Bacteria. <i>Biochemistry</i> , 1999, 38, 11115-11121.	2.5	43
27	The Effect of Pressure on the Bacteriochlorophyll Binding Sites of the Core Antenna Complex from <i>Rhodospirillum rubrum</i> . <i>Biochemistry</i> , 1998, 37, 14875-14880.	2.5	27
28	Influence of the Protein Binding Site on the Absorption Properties of the Monomeric Bacteriochlorophyll in <i>Rhodobacter sphaeroides</i> LH2 Complex. <i>Biochemistry</i> , 1997, 36, 16282-16287.	2.5	72