

Paul M G Curmi

List of Publications by Year in descending order

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137
papers

8,866
citations

38742

50
h-index

43889

91
g-index

140
all docs

140
docs citations

140
times ranked

8902
citing authors

#	ARTICLE	IF	CITATIONS
1	Coherently wired light-harvesting in photosynthetic marine algae at ambient temperature. <i>Nature</i> , 2010, 463, 644-647.	27.8	1,392
2	The crystal structure of diphtheria toxin. <i>Nature</i> , 1992, 357, 216-222.	27.8	702
3	Molecular basis for specificity of nuclear import and prediction of nuclear localization. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2011, 1813, 1562-1577.	4.1	336
4	Mechanisms of Thermal Adaptation Revealed From the Genomes of the Antarctic Archaea <i>Methanogenium frigidum</i> and <i>Methanococcoides burtonii</i> . <i>Genome Research</i> , 2003, 13, 1580-1588.	5.5	246
5	An analysis of side chain interactions and pair correlations within antiparallel β -sheets: The differences between backbone hydrogen-bonded and non-hydrogen-bonded residue pairs. <i>Proteins: Structure, Function and Bioinformatics</i> , 1995, 22, 119-131.	2.6	236
6	The Intracellular Chloride Ion Channel Protein CLIC1 Undergoes a Redox-controlled Structural Transition. <i>Journal of Biological Chemistry</i> , 2004, 279, 9298-9305.	3.4	192
7	Comparison of Electronic and Vibrational Coherence Measured by Two-Dimensional Electronic Spectroscopy. <i>Journal of Physical Chemistry Letters</i> , 2011, 2, 1904-1911.	4.6	181
8	Crystal Structure of a Soluble Form of the Intracellular Chloride Ion Channel CLIC1 (NCC27) at 1.4-Å... Resolution. <i>Journal of Biological Chemistry</i> , 2001, 276, 44993-45000.	3.4	180
9	Tertiary structure of plant RuBisCO: domains and their contacts. <i>Science</i> , 1988, 241, 71-74.	12.6	161
10	The enigma of the CLIC proteins: Ion channels, redox proteins, enzymes, scaffolding proteins?. <i>FEBS Letters</i> , 2010, 584, 2093-2101.	2.8	160
11	Quantitative investigations of quantum coherence for a light-harvesting protein at conditions simulating photosynthesis. <i>Physical Chemistry Chemical Physics</i> , 2012, 14, 4857.	2.8	158
12	Molecular mechanism of energy conservation in polysulfide respiration. <i>Nature Structural and Molecular Biology</i> , 2008, 15, 730-737.	8.2	147
13	A proteomic determination of cold adaptation in the Antarctic archaeon, <i>Methanococcoides burtonii</i> . <i>Molecular Microbiology</i> , 2004, 53, 309-321.	2.5	146
14	CLIC1 Function Is Required for β -Amyloid-Induced Generation of Reactive Oxygen Species by Microglia. <i>Journal of Neuroscience</i> , 2008, 28, 11488-11499.	3.6	133
15	An Atomic Model of the Thin Filament in the Relaxed and Ca ²⁺ -Activated States. <i>Journal of Molecular Biology</i> , 2006, 357, 707-717.	4.2	130
16	Evolution of a light-harvesting protein by addition of new subunits and rearrangement of conserved elements: Crystal structure of a cryptophyte phycoerythrin at 1.63-Å resolution. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1999, 96, 8901-8906.	7.1	124
17	Developing a Structure-Function Model for the Cryptophyte Phycoerythrin 545 Using Ultrahigh Resolution Crystallography and Ultrafast Laser Spectroscopy. <i>Journal of Molecular Biology</i> , 2004, 344, 135-153.	4.2	117
18	Cold stress response in Archaea. <i>Extremophiles</i> , 2000, 4, 321-331.	2.3	115

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19	Crystal structure of the soluble form of the redox-regulated chloride ion channel protein CLIC4. FEBS Journal, 2005, 272, 4996-5007.	4.7	112
20	Recombinant CLIC1 (NCC27) Assembles in Lipid Bilayers via a pH-dependent Two-state Process to Form Chloride Ion Channels with Identical Characteristics to Those Observed in Chinese Hamster Ovary Cells Expressing CLIC1. Journal of Biological Chemistry, 2002, 277, 26003-26011.	3.4	110
21	Electronic coherence lineshapes reveal hidden excitonic correlations in photosynthetic light harvesting. Nature Chemistry, 2012, 4, 396-404.	13.6	110
22	The transition between the open and closed states of rubisco is triggered by the inter-phosphate distance of the bound bisphosphate. Journal of Molecular Biology, 2000, 298, 903-916.	4.2	109
23	Twist and shear in β -sheets and β -ribbons. Journal of Molecular Biology, 2002, 317, 291-308.	4.2	108
24	Metformin repositioning as antitumoral agent: selective antiproliferative effects in human glioblastoma stem cells, via inhibition of CLIC1-mediated ion current. Oncotarget, 2014, 5, 11252-11268.	1.8	108
25	Involvement of the Intracellular Ion Channel CLIC1 in Microglia-Mediated $\text{A}\beta$ -Amyloid-Induced Neurotoxicity. Journal of Neuroscience, 2004, 24, 5322-5330.	3.6	104
26	Pathogenic archaea: do they exist?. BioEssays, 2003, 25, 1119-1128.	2.5	98
27	Polymersomes Prepared from Thermoresponsive Fluorescent Protein—Polymer Bioconjugates: Capture of and Report on Drug and Protein Payloads. Angewandte Chemie - International Edition, 2015, 54, 5317-5322.	13.8	93
28	The photophysics of cryptophyte light-harvesting. Journal of Photochemistry and Photobiology A: Chemistry, 2006, 184, 1-17.	3.9	88
29	Crystal structure of a heptameric Sm-like protein complex from archaea: implications for the structure and evolution of snRNPs. Journal of Molecular Biology, 2001, 309, 915-923.	4.2	87
30	Squaring the Circle in Peptide Assembly: From Fibers to Discrete Nanostructures by <i>de Novo</i> Design. Journal of the American Chemical Society, 2012, 134, 15457-15467.	13.7	87
31	Members of the Chloride Intracellular Ion Channel Protein Family Demonstrate Glutaredoxin-Like Enzymatic Activity. PLoS ONE, 2015, 10, e115699.	2.5	78
32	Intracellular chloride channel protein CLIC1 regulates macrophage functions via modulation of phagosomal acidification. Journal of Cell Science, 2012, 125, 5479-88.	2.0	75
33	Arabidopsis AtSerp1, Crystal Structure and in Vivo Interaction with Its Target Protease RESPONSIVE TO DESICCATION-21 (RD21). Journal of Biological Chemistry, 2010, 285, 13550-13560.	3.4	73
34	Structure and Function of Cold Shock Proteins in Archaea. Journal of Bacteriology, 2007, 189, 5738-5748.	2.2	70
35	In Vivo Protein Cyclization Promoted by a Circularly Permuted Synechocystis sp. PCC6803 DnaB Mini-intein. Journal of Biological Chemistry, 2002, 277, 7790-7798.	3.4	66
36	Serum Levels of Human MIC-1/GDF15 Vary in a Diurnal Pattern, Do Not Display a Profile Suggestive of a Satiety Factor and Are Related to BMI. PLoS ONE, 2015, 10, e0133362.	2.5	66

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37	Role of lysine versus arginine in enzyme cold-adaptation: Modifying lysine to homo-arginine stabilizes the cold-adapted α -amylase from <i>Pseudoalteromonas haloplanktis</i> . <i>Proteins: Structure, Function and Bioinformatics</i> , 2006, 64, 486-501.	2.6	65
38	Single-residue insertion switches the quaternary structure and exciton states of cryptophyte light-harvesting proteins. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, E2666-75.	7.1	65
39	Formation of the active site of ribulose-1,5-bisphosphate carboxylase/oxygenase by a disorder-order transition from the unactivated to the activated form.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1993, 90, 9968-9972.	7.1	64
40	Structure of the Janus Protein Human CLIC2. <i>Journal of Molecular Biology</i> , 2007, 374, 719-731.	4.2	64
41	Ultrafast light harvesting dynamics in the cryptophyte phycocyanin 645. <i>Photochemical and Photobiological Sciences</i> , 2007, 6, 964-975.	2.9	62
42	Crystal structure of activated tobacco rubisco complexed with the reaction intermediate analogue 2-carboxyarabinitol 1,5-bisphosphate. <i>Protein Science</i> , 1993, 2, 1136-1146.	7.6	61
43	Coherent Vibronic Coupling in Light-Harvesting Complexes from Photosynthetic Marine Algae. <i>Journal of Physical Chemistry Letters</i> , 2012, 3, 272-277.	4.6	61
44	CLIC proteins, ezrin, radixin, moesin and the coupling of membranes to the actin cytoskeleton: A smoking gun?. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2014, 1838, 643-657.	2.6	59
45	Oxidation promotes insertion of the CLIC1 chloride intracellular channel into the membrane. <i>European Biophysics Journal</i> , 2009, 39, 129-138.	2.2	58
46	Comparison of vertebrate and invertebrate CLIC proteins: The crystal structures of <i>Caenorhabditis elegans</i> EXC4 and <i>Drosophila melanogaster</i> DmCLIC. <i>Proteins: Structure, Function and Bioinformatics</i> , 2008, 71, 364-378.	2.6	56
47	The crystal structure of plasminogen activator inhibitor 2 at 2.0 Å... resolution: implications for serpin function. <i>Structure</i> , 1999, 7, 43-54.	3.3	53
48	Myosin binding protein C: Structural abnormalities in familial hypertrophic cardiomyopathy. <i>Cell Research</i> , 2004, 14, 95-110.	12.0	53
49	Serpins in Unicellular Eukarya, Archaea, and Bacteria: Sequence Analysis and Evolution. <i>Journal of Molecular Evolution</i> , 2004, 59, 437-447.	1.8	53
50	Solution Structure of the Chicken Skeletal Muscle Troponin Complex Via Small-angle Neutron and X-ray Scattering. <i>Journal of Molecular Biology</i> , 2005, 345, 797-815.	4.2	52
51	How Energy Funnels from the Phycoerythrin Antenna Complex to Photosystem I and Photosystem II in Cryptophyte <i>Rhodomonas</i> CS24 Cells. <i>Journal of Physical Chemistry B</i> , 2006, 110, 25066-25073.	2.6	52
52	Spectroscopic Studies of Cryptophyte Light Harvesting Proteins: Vibrations and Coherent Oscillations. <i>Journal of Physical Chemistry B</i> , 2015, 119, 10025-10034.	2.6	50
53	Two Sides of the Coin: Ezrin/Radixin/Moesin and Merlin Control Membrane Structure and Contact Inhibition. <i>International Journal of Molecular Sciences</i> , 2019, 20, 1996.	4.1	49
54	Vibronic Resonances Facilitate Excited-State Coherence in Light-Harvesting Proteins at Room Temperature. <i>Journal of Physical Chemistry Letters</i> , 2015, 6, 4573-4580.	4.6	46

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55	Comparison of the structure of myosin subfragment 1 bound to actin and free in solution. <i>Journal of Molecular Biology</i> , 1988, 203, 781-798.	4.2	43
56	A novel approach for enhancing the catalytic efficiency of a protease at low temperature: Reduction in substrate inhibition by chemical modification. <i>Biotechnology and Bioengineering</i> , 2009, 103, 676-686.	3.3	43
57	Transmembrane Extension and Oligomerization of the CLIC1 Chloride Intracellular Channel Protein upon Membrane Interaction. <i>Biochemistry</i> , 2011, 50, 10887-10897.	2.5	43
58	Flow of Excitation Energy in the Cryptophyte Light-Harvesting Antenna Phycocyanin 645. <i>Biophysical Journal</i> , 2011, 101, 1004-1013.	0.5	41
59	Division plane placement in pleomorphic archaea is dynamically coupled to cell shape. <i>Molecular Microbiology</i> , 2019, 112, 785-799.	2.5	38
60	Structural gymnastics of multifunctional metamorphic proteins. <i>Biophysical Reviews</i> , 2011, 3, 143-153.	3.2	37
61	Regulation of the Membrane Insertion and Conductance Activity of the Metamorphic Chloride Intracellular Channel Protein CLIC1 by Cholesterol. <i>PLoS ONE</i> , 2013, 8, e56948.	2.5	37
62	S-Nitrosylation Regulates Nuclear Translocation of Chloride Intracellular Channel Protein CLIC4. <i>Journal of Biological Chemistry</i> , 2010, 285, 23818-23828.	3.4	36
63	The Tumbleweed: Towards a synthetic protein motor. <i>HFSP Journal</i> , 2009, 3, 204-212.	2.5	35
64	Predicted Roles for Hypothetical Proteins in the Low-Temperature Expressed Proteome of the Antarctic Archaeon <i>Methanococcus burtonii</i> . <i>Journal of Proteome Research</i> , 2005, 4, 464-472.	3.7	34
65	Metamorphic Response of the CLIC1 Chloride Intracellular Ion Channel Protein upon Membrane Interaction. <i>Biochemistry</i> , 2010, 49, 5278-5289.	2.5	34
66	CLIC1 regulates dendritic cell antigen processing and presentation by modulating phagosome acidification and proteolysis. <i>Biology Open</i> , 2016, 5, 620-630.	1.2	33
67	Mediation of Ultrafast Light-Harvesting by a Central Dimer in Phycoerythrin 545 Studied by Transient Absorption and Global Analysis. <i>Journal of Physical Chemistry B</i> , 2005, 109, 14219-14226.	2.6	31
68	Homomeric Ring Assemblies of Eukaryotic Sm Proteins Have Affinity for Both RNA and DNA. <i>Journal of Biological Chemistry</i> , 2003, 278, 17291-17298.	3.4	29
69	Crystal Structure of Lsm3 Octamer from <i>Saccharomyces cerevisiae</i> : Implications for Lsm Ring Organisation and Recruitment. <i>Journal of Molecular Biology</i> , 2008, 377, 1357-1371.	4.2	29
70	Time-dependent motor properties of multipedal molecular spiders. <i>Physical Review E</i> , 2011, 84, 031111.	2.1	29
71	Disentangling Electronic and Vibrational Coherence in the Phycocyanin-645 Light-Harvesting Complex. <i>Journal of Physical Chemistry Letters</i> , 2014, 5, 43-49.	4.6	27
72	Structural characterization suggests models for monomeric and dimeric forms of full-length ezrin. <i>Biochemical Journal</i> , 2016, 473, 2763-2782.	3.7	27

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73	Recombinant Prespore-Specific Antigen from Dictyostelium discoideum is a beta-sheet Glycoprotein with a Spacer Peptide Modified by O-linked N-acetylglucosamine. FEBS Journal, 1996, 238, 511-518.	0.2	26
74	Conformational Studies of G-Actin Containing Bound Lanthanide. FEBS Journal, 1982, 122, 239-244.	0.2	25
75	Crystal Structure of the Complex of Plasminogen Activator Inhibitor 2 with a Peptide Mimicking the Reactive Center Loop. Journal of Biological Chemistry, 2001, 276, 43374-43382.	3.4	25
76	Phycocyanin Sensitizes both Photosystem I and Photosystem II in Cryptophyte Chroomonas CCMP270 Cells. Biophysical Journal, 2008, 94, 2423-2433.	0.5	25
77	Structure of human CLIC3 at 2 Å... resolution. Proteins: Structure, Function and Bioinformatics, 2010, 78, 1594-1600.	2.6	25
78	Generation and characterization of mice with null mutation of the chloride intracellular channel 1 gene. Genesis, 2010, 48, NA-NA.	1.6	23
79	Crystal structure of importin β bound to a peptide bearing the nuclear localisation signal from chloride intracellular channel protein 4. FEBS Journal, 2011, 278, 1662-1675.	4.7	23
80	Selective Inhibition of Human Group IIA-secreted Phospholipase A2 (hGIIA) Signaling Reveals Arachidonic Acid Metabolism Is Associated with Colocalization of hGIIA to Vimentin in Rheumatoid Synovocytes. Journal of Biological Chemistry, 2013, 288, 15269-15279.	3.4	23
81	Point Mutations in the Transmembrane Region of the Clic1 Ion Channel Selectively Modify Its Biophysical Properties. PLoS ONE, 2013, 8, e74523.	2.5	21
82	Dictyostelium discoideum as Expression Host: Isotopic Labeling of a Recombinant Glycoprotein for NMR Studies. Protein Expression and Purification, 2000, 19, 335-342.	1.3	20
83	Integron-associated Mobile Gene Cassettes Code for Folded Proteins: The Structure of Bal32a, a New Member of the Adaptable β -Barrel Family. Journal of Molecular Biology, 2005, 346, 1229-1241.	4.2	20
84	A putative housekeeping enzyme encoded within an integron array: 1.8 Å... crystal structure defines a new MazG subtype. Molecular Microbiology, 2007, 66, 610-621.	2.5	20
85	Biased Monte Carlo optimization of protein sequences. Journal of Chemical Physics, 2000, 113, 2489-2496.	3.0	19
86	An Oscillating MinD Protein Determines the Cellular Positioning of the Motility Machinery in Archaea. Current Biology, 2020, 30, 4956-4972.e4.	3.9	19
87	Surface texturing of copper by sputter etching with applications for solar selective absorbing surfaces. Journal of Vacuum Science and Technology, 1980, 17, 1320-1325.	1.9	17
88	Interaction of Human Chloride Intracellular Channel Protein 1 (CLIC1) with Lipid Bilayers: A Fluorescence Study. Biochemistry, 2016, 55, 3825-3833.	2.5	17
89	Excited state coherent dynamics in light-harvesting complexes from photosynthetic marine algae. Journal of Physics B: Atomic, Molecular and Optical Physics, 2012, 45, 154015.	1.5	16
90	Construction and Characterization of Kilobasepair Densely Labeled Peptide-DNA. Biomacromolecules, 2014, 15, 4065-4072.	5.4	16

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91	Ca ²⁺ -Induced PRE-NMR Changes in the Troponin Complex Reveal the Possessive Nature of the Cardiac Isoform for Its Regulatory Switch. PLoS ONE, 2014, 9, e112976.	2.5	15
92	Molecular Interactions of the Min Protein System Reproduce Spatiotemporal Patterning in Growing and Dividing Escherichia coli Cells. PLoS ONE, 2015, 10, e0128148.	2.5	14
93	Coherent phenomena in photosynthetic light harvesting: part two“ observations in biological systems. Biophysical Reviews, 2018, 10, 1443-1463.	3.2	14
94	Crystal Structure of an Integron Gene Cassette-Associated Protein from Vibrio cholerae Identifies a Cationic Drug-Binding Module. PLoS ONE, 2011, 6, e16934.	2.5	13
95	Design and Construction of the Lawnmower, An Artificial Burnt-Bridges Motor. IEEE Transactions on Nanobioscience, 2015, 14, 305-312.	3.3	13
96	Computational studies on mutant protein stability: The correlation between surface thermal expansion and protein stability. Protein Science, 1999, 8, 913-920.	7.6	12
97	Phycobiliprotein diffusion in chloroplasts of cryptophyte Rhodomonas CS24. Photosynthesis Research, 2009, 100, 7-17.	2.9	12
98	Fluidic switching in nanochannels for the control of Inchworm: a synthetic biomolecular motor with a power stroke. Nanoscale, 2014, 6, 15008-15019.	5.6	12
99	Synthetic biology approaches to dissecting linear motor protein function: towards the design and synthesis of artificial autonomous protein walkers. Biophysical Reviews, 2020, 12, 1041-1054.	3.2	12
100	Interaction between the P14 Residue and Strand 2 of Î ² -Sheet B Is Critical for Reactive Center Loop Insertion in Plasminogen Activator Inhibitor-2. Journal of Biological Chemistry, 2001, 276, 43383-43389.	3.4	11
101	Integron Gene Cassettes: A Repository of Novel Protein Folds with Distinct Interaction Sites. PLoS ONE, 2013, 8, e52934.	2.5	11
102	Construction of a Chassis for a Tripartite Protein-Based Molecular Motor. ACS Synthetic Biology, 2017, 6, 1096-1102.	3.8	11
103	Scaffolding proteins guide the evolution of algal light harvesting antennas. Nature Communications, 2021, 12, 1890.	12.8	11
104	Controlled microfluidic switching in arbitrary time-sequences with low drag. Lab on A Chip, 2013, 13, 2389.	6.0	10
105	A re-investigation of actin monomer conformation under polymerizing conditions based on rates of enzymatic digestion and ultraviolet difference spectroscopy. BBA - Proteins and Proteomics, 1983, 748, 220-229.	2.1	9
106	Chaperonins from an Antarctic archaeon are predominantly monomeric: crystal structure of an open state monomer. Environmental Microbiology, 2011, 13, 2232-2249.	3.8	9
107	Tuning the performance of an artificial protein motor. Physical Review E, 2011, 84, 031922.	2.1	9
108	Cooperative Subunit Refolding of a Light“Harvesting Protein through a Self“Chaperone Mechanism. Angewandte Chemie - International Edition, 2017, 56, 8384-8388.	13.8	9

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109	Coherent phenomena in photosynthetic light harvesting: part one—theory and spectroscopy. <i>Biophysical Reviews</i> , 2018, 10, 1427-1441.	3.2	9
110	A conserved GXXXG motif in the transmembrane domain of CLIC proteins is essential for their cholesterol-dependant membrane interaction. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2019, 1863, 1243-1253.	2.4	9
111	Motor properties from persistence: a linear molecular walker lacking spatial and temporal asymmetry. <i>New Journal of Physics</i> , 2015, 17, 055017.	2.9	8
112	Actin tube formation: effects of variations in commonly used solvent conditions. <i>Journal of Muscle Research and Cell Motility</i> , 1984, 5, 423-430.	2.0	7
113	Plasminogen Activator Inhibitor-2 is Highly Tolerant to P8 Residue Substitution—Implications for Serpin Mechanistic Model and Prediction of nsNP Activities. <i>Journal of Molecular Biology</i> , 2005, 353, 1069-1080.	4.2	7
114	Design and Construction of a One-Dimensional DNA Track for an Artificial Molecular Motor. <i>Journal of Nanomaterials</i> , 2012, 2012, 1-10.	2.7	7
115	Structural Genomics of the Bacterial Mobile Metagenome: an Overview. <i>Methods in Molecular Biology</i> , 2008, 426, 589-595.	0.9	7
116	Crystalline actin tubes. <i>Biochimica Et Biophysica Acta (BBA) - Protein Structure</i> , 1981, 671, 25-32.	1.7	6
117	Response to William Martin's letter. <i>BioEssays</i> , 2004, 26, 593-593.	2.5	5
118	Computational Analysis of the Soluble Form of the Intracellular Chloride Ion Channel Protein CLIC1. <i>BioMed Research International</i> , 2013, 2013, 1-14.	1.9	5
119	The RNA polymerase subunits E/F from the Antarctic archaeon <i>Methanococcoides burtonii</i> bind to specific species of mRNA. <i>Environmental Microbiology</i> , 2011, 13, 2039-2055.	3.8	4
120	Non-linear Min protein interactions generate harmonics that signal mid-cell division in <i>Escherichia coli</i> . <i>PLoS ONE</i> , 2017, 12, e0185947.	2.5	4
121	The bar-hinge motor: a synthetic protein design exploiting conformational switching to achieve directional motility. <i>New Journal of Physics</i> , 2019, 21, 013002.	2.9	4
122	Automated Protein Design and Sequence Optimisation Scoring Functions and the Search Problem. <i>Current Protein and Peptide Science</i> , 2000, 1, 255-271.	1.4	4
123	Patterning of the MinD cell division protein in cells of arbitrary shape can be predicted using a heuristic dispersion relation. <i>AIMS Biophysics</i> , 2016, 3, 119-145.	0.6	4
124	Cooperative Subunit Refolding of a Light-Harvesting Protein through a Self-Chaperone Mechanism. <i>Angewandte Chemie</i> , 2017, 129, 8504-8508.	2.0	3
125	NMR assignment of prespore specific antigen—a cell surface adhesion glycoprotein from <i>Dictyostelium discoideum</i> . <i>Biomolecular NMR Assignments</i> , 2009, 3, 1-3.	0.8	2
126	Quantum Coherence and its Impact on Biomimetic Light-Harvesting. <i>Australian Journal of Chemistry</i> , 2014, 67, 729.	0.9	2

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127	Coherent Processes in Photosynthetic Energy Transport and Transduction. <i>Advances in Photosynthesis and Respiration</i> , 2020, , 397-439.	1.0	2
128	Neutron diffraction intensities from arrays of isotopically substituted particles in an invisible matrix. <i>Journal of Applied Crystallography</i> , 1991, 24, 312-315.	4.5	1
129	An online database for the detection of novel archaeal sequences in human ESTs. <i>Bioinformatics</i> , 2004, 20, 2361-2362.	4.1	1
130	SELECTIVE PROPERTIES OF ROUGH SPUTTERED FILMS. <i>Journal De Physique Colloque</i> , 1981, 42, C1-87-C1-103.	0.2	1
131	Differences between skeletal muscle actin from rabbit and pig. <i>Micron</i> (1969), 1982, 13, 379-380.	0.1	0
132	Electron diffraction and computed fourier transform study of lanthanide actin microcrystals. <i>Micron</i> (1969), 1982, 13, 383-384.	0.1	0
133	Microfluidic Device for Controlled Fluid Switching to be used with Chemically Powered Molecular Motors on Surface Bound Tracks. <i>Biophysical Journal</i> , 2012, 102, 717a.	0.5	0
134	Coherence dynamics in light-harvesting complexes with two-colour spectroscopy. <i>EPJ Web of Conferences</i> , 2013, 41, 08009.	0.3	0
135	Light Driven Conformational Switching: An Approach to Creating Designed Protein Motion. <i>Biophysical Journal</i> , 2014, 106, 244a-245a.	0.5	0
136	Disentangling Electronic and Vibrational Coherence in the Phycocyanin-645 Light-Harvesting Complex. <i>Springer Proceedings in Physics</i> , 2015, , 591-594.	0.2	0
137	Vibronic Coupling and Excited State Coherence in Light Harvesting Proteins at Room Temperature. , 2016, , .		0