

Hugh M O'neill

List of Publications by Year in descending order

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135
papers

5,616
citations

87723

38
h-index

95083

68
g-index

140
all docs

140
docs citations

140
times ranked

7466
citing authors

#	ARTICLE	IF	CITATIONS
1	Structural plasticity of SARS-CoV-2 3CL Mpro active site cavity revealed by room temperature X-ray crystallography. <i>Nature Communications</i> , 2020, 11, 3202.	5.8	334
2	Biomimetic synthesis of calcium-deficient hydroxyapatite in a natural hydrogel. <i>Biomaterials</i> , 2006, 27, 4661-4670.	5.7	318
3	Palladium-bacterial cellulose membranes for fuel cells. <i>Biosensors and Bioelectronics</i> , 2003, 18, 917-923.	5.3	209
4	Common processes drive the thermochemical pretreatment of lignocellulosic biomass. <i>Green Chemistry</i> , 2014, 16, 63-68.	4.6	198
5	Comparative Structural and Computational Analysis Supports Eighteen Cellulose Synthases in the Plant Cellulose Synthesis Complex. <i>Scientific Reports</i> , 2016, 6, 28696.	1.6	174
6	High photo-electrochemical activity of thylakoid-carbon nanotube composites for photosynthetic energy conversion. <i>Energy and Environmental Science</i> , 2013, 6, 1891.	15.6	173
7	Self-organized photosynthetic nanoparticle for cell-free hydrogen production. <i>Nature Nanotechnology</i> , 2010, 5, 73-79.	15.6	171
8	Breakdown of Cell Wall Nanostructure in Dilute Acid Pretreated Biomass. <i>Biomacromolecules</i> , 2010, 11, 2329-2335.	2.6	143
9	Dynamics of Protein and its Hydration Water: Neutron Scattering Studies on Fully Deuterated GFP. <i>Biophysical Journal</i> , 2012, 103, 1566-1575.	0.2	121
10	Effect of lignin content on changes occurring in poplar cellulose ultrastructure during dilute acid pretreatment. <i>Biotechnology for Biofuels</i> , 2014, 7, 150.	6.2	113
11	Mechanical formation of micro- and nano-plastic materials for environmental studies in agricultural ecosystems. <i>Science of the Total Environment</i> , 2019, 685, 1097-1106.	3.9	108
12	Malleability of the SARS-CoV-2 3CL Mpro Active-Site Cavity Facilitates Binding of Clinical Antivirals. <i>Structure</i> , 2020, 28, 1313-1320.e3.	1.6	108
13	A Structural Study of CESA1 Catalytic Domain of Arabidopsis Cellulose Synthesis Complex: Evidence for CESA Trimers. <i>Plant Physiology</i> , 2016, 170, 123-135.	2.3	104
14	Unusual zwitterionic catalytic site of SARS-CoV-2 main protease revealed by neutron crystallography. <i>Journal of Biological Chemistry</i> , 2020, 295, 17365-17373.	1.6	97
15	A microbial fuel cell operating at low pH using the acidophile <i>Acidiphilium cryptum</i> . <i>Biotechnology Letters</i> , 2008, 30, 1367-1372.	1.1	95
16	Organization and Flexibility of Cyanobacterial Thylakoid Membranes Examined by Neutron Scattering. <i>Journal of Biological Chemistry</i> , 2013, 288, 3632-3640.	1.6	89
17	Generation of the configurational ensemble of an intrinsically disordered protein from unbiased molecular dynamics simulation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 20446-20452.	3.3	88
18	The Shape of Native Plant Cellulose Microfibrils. <i>Scientific Reports</i> , 2018, 8, 13983.	1.6	86

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19	The Bio-SANS instrument at the High Flux Isotope Reactor of Oak Ridge National Laboratory. <i>Journal of Applied Crystallography</i> , 2014, 47, 1238-1246.	1.9	83
20	Modification of the nanostructure of lignocellulose cell walls via a non-enzymatic lignocellulose deconstruction system in brown rot wood-decay fungi. <i>Biotechnology for Biofuels</i> , 2017, 10, 179.	6.2	83
21	Dynamics of water bound to crystalline cellulose. <i>Scientific Reports</i> , 2017, 7, 11840.	1.6	82
22	Gradients in Wall Mechanics and Polysaccharides along Growing Inflorescence Stems. <i>Plant Physiology</i> , 2017, 175, 1593-1607.	2.3	82
23	Characterization of the Influence of the Ionic Liquid 1-Butyl-3-methylimidazolium Chloride on the Structure and Thermal Stability of Green Fluorescent Protein. <i>Journal of Physical Chemistry B</i> , 2010, 114, 13866-13871.	1.2	75
24	Self-similar multiscale structure of lignin revealed by neutron scattering and molecular dynamics simulation. <i>Physical Review E</i> , 2011, 83, 061911.	0.8	72
25	Description of Hydration Water in Protein (Green Fluorescent Protein) Solution. <i>Journal of the American Chemical Society</i> , 2017, 139, 1098-1105.	6.6	68
26	Secondary structure and rigidity in model proteins. <i>Soft Matter</i> , 2013, 9, 9548.	1.2	65
27	Effect of antimicrobial peptide on the dynamics of phosphocholine membrane: role of cholesterol and physical state of bilayer. <i>Soft Matter</i> , 2015, 11, 6755-6767.	1.2	62
28	Nanoscope Dynamics of Phospholipid in Unilamellar Vesicles: Effect of Gel to Fluid Phase Transition. <i>Journal of Physical Chemistry B</i> , 2015, 119, 4460-4470.	1.2	58
29	Structural coarsening of aspen wood by hydrothermal pretreatment monitored by small- and wide-angle scattering of X-rays and neutrons on oriented specimens. <i>Cellulose</i> , 2014, 21, 1015-1024.	2.4	56
30	Enhanced Photocatalytic Hydrogen Evolution by Covalent Attachment of Plastocyanin to Photosystem I. <i>Nano Letters</i> , 2004, 4, 1815-1819.	4.5	55
31	Room-temperature X-ray crystallography reveals the oxidation and reactivity of cysteine residues in SARS-CoV-2 3CL M ^{pro} : insights into enzyme mechanism and drug design. <i>IUCr</i> , 2020, 7, 1028-1035.	1.0	49
32	Elastic and Conformational Softness of a Globular Protein. <i>Physical Review Letters</i> , 2013, 110, 028104.	2.9	47
33	Comparison of changes in cellulose ultrastructure during different pretreatments of poplar. <i>Cellulose</i> , 2014, 21, 2419-2431.	2.4	47
34	Neutron scattering in the biological sciences: progress and prospects. <i>Acta Crystallographica Section D: Structural Biology</i> , 2018, 74, 1129-1168.	1.1	47
35	The effect of deuteration on the structure of bacterial cellulose. <i>Carbohydrate Research</i> , 2013, 374, 82-88.	1.1	45
36	Hydration Control of the Mechanical and Dynamical Properties of Cellulose. <i>Biomacromolecules</i> , 2014, 15, 4152-4159.	2.6	44

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37	Direct Determination of Hydroxymethyl Conformations of Plant Cell Wall Cellulose Using ¹ H Polarization Transfer Solid-State NMR. <i>Biomacromolecules</i> , 2018, 19, 1485-1497.	2.6	44
38	Revealing the Dynamics of Thylakoid Membranes in Living Cyanobacterial Cells. <i>Scientific Reports</i> , 2016, 6, 19627.	1.6	43
39	A resorbable calcium-deficient hydroxyapatite hydrogel composite for osseous regeneration. <i>Cellulose</i> , 2009, 16, 887-898.	2.4	39
40	Transient and stabilized complexes of Nsp7, Nsp8, and Nsp12 in SARS-CoV-2 replication. <i>Biophysical Journal</i> , 2021, 120, 3152-3165.	0.2	39
41	Cellulose-lignin composite fibres as precursors for carbon fibres. Part 1 – Manufacturing and properties of precursor fibres. <i>Carbohydrate Polymers</i> , 2021, 252, 117133.	5.1	38
42	Morphological changes in the cellulose and lignin components of biomass occur at different stages during steam pretreatment. <i>Cellulose</i> , 2014, 21, 873-878.	2.4	37
43	Mean-squared atomic displacements in hydrated lysozyme, native and denatured. <i>Journal of Biological Physics</i> , 2010, 36, 291-297.	0.7	36
44	Protein Localization in Silica Nanospheres Derived via Biomimetic Mineralization. <i>Advanced Functional Materials</i> , 2010, 20, 3031-3038.	7.8	36
45	Bacterial Cellulose Ionogels as Chemosensory Supports. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 38042-38051.	4.0	35
46	Characterization of Sol ^g -Gel-Encapsulated Proteins Using Small-Angle Neutron Scattering. <i>ACS Applied Materials & Interfaces</i> , 2009, 1, 2262-2268.	4.0	34
47	Insight into the Structure of Light-Harvesting Complex II and Its Stabilization in Detergent Solution. <i>Journal of Physical Chemistry B</i> , 2009, 113, 16377-16383.	1.2	34
48	Distinguishing Surface versus Bulk Hydroxyl Groups of Cellulose Nanocrystals Using Vibrational Sum Frequency Generation Spectroscopy. <i>Journal of Physical Chemistry Letters</i> , 2018, 9, 70-75.	2.1	32
49	Small Angle Neutron Scattering Shows Nanoscale PMMA Distribution in Transparent Wood Biocomposites. <i>Nano Letters</i> , 2021, 21, 2883-2890.	4.5	32
50	Arabinose substitution effect on xylan rigidity and self-aggregation. <i>Cellulose</i> , 2019, 26, 2267-2278.	2.4	31
51	Controlled incorporation of deuterium into bacterial cellulose. <i>Cellulose</i> , 2014, 21, 927-936.	2.4	30
52	Impact of hydration and temperature history on the structure and dynamics of lignin. <i>Green Chemistry</i> , 2018, 20, 1602-1611.	4.6	30
53	Nanostructural Analysis of Enzymatic and Non-enzymatic Brown Rot Fungal Deconstruction of the Lignocellulose Cell Wall. <i>Frontiers in Microbiology</i> , 2020, 11, 1389.	1.5	30
54	SANS study of cellulose extracted from switchgrass. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2010, 66, 1189-1193.	2.5	29

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55	Small Angle Neutron Scattering Reveals pH-dependent Conformational Changes in <i>Trichoderma reesei</i> Cellobiohydrolase I. <i>Journal of Biological Chemistry</i> , 2011, 286, 32801-32809.	1.6	29
56	Probing the consequences of antenna modification in cyanobacteria. <i>Photosynthesis Research</i> , 2013, 118, 17-24.	1.6	29
57	<i>In Vivo</i> Protein Dynamics on the Nanometer Length Scale and Nanosecond Time Scale. <i>Journal of Physical Chemistry Letters</i> , 2017, 8, 1899-1904.	2.1	29
58	Understanding Multiscale Structural Changes During Dilute Acid Pretreatment of Switchgrass and Poplar. <i>ACS Sustainable Chemistry and Engineering</i> , 2017, 5, 426-435.	3.2	29
59	Deconstruction of biomass enabled by local demixing of cosolvents at cellulose and lignin surfaces. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 16776-16781.	3.3	29
60	Interaction of Zinc Oxide Nanoparticles with Water: Implications for Catalytic Activity. <i>ACS Applied Nano Materials</i> , 2019, 2, 4257-4266.	2.4	28
61	Ammonia-salt solvent promotes cellulosic biomass deconstruction under ambient pretreatment conditions to enable rapid soluble sugar production at ultra-low enzyme loadings. <i>Green Chemistry</i> , 2020, 22, 204-218.	4.6	28
62	Neutron Scattering Studies of the Interplay of Amyloid β Peptide(1-40) and An Anionic Lipid 1,2-dimyristoyl-sn-glycero-3-phosphoglycerol. <i>Scientific Reports</i> , 2016, 6, 30983.	1.6	27
63	Dynamical Transition of Collective Motions in Dry Proteins. <i>Physical Review Letters</i> , 2017, 119, 048101.	2.9	27
64	Cloning and Analysis of the Genes for a Novel Electron-transferring Flavoprotein from <i>Megasphaera elsdenii</i> . <i>Journal of Biological Chemistry</i> , 1998, 273, 21015-21024.	1.6	26
65	The application and use of chemical space mapping to interpret crystallization screening results. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2008, 64, 1240-1249.	2.5	26
66	Role of methyl groups in dynamics and evolution of biomolecules. <i>Journal of Biological Physics</i> , 2012, 38, 497-505.	0.7	26
67	Tension wood structure and morphology conducive for better enzymatic digestion. <i>Biotechnology for Biofuels</i> , 2018, 11, 44.	6.2	26
68	Spectroscopy and Photochemistry of Spinach Photosystem I Entrapped and Stabilized in a Hybrid Organosilicate Glass. <i>Chemistry of Materials</i> , 2005, 17, 2654-2661.	3.2	25
69	Biochemical and structural analyses reveal that the tumor suppressor neurofibromin (NF1) forms a high-affinity dimer. <i>Journal of Biological Chemistry</i> , 2020, 295, 1105-1119.	1.6	25
70	Biochemical and structural analyses reveal that the tumor suppressor neurofibromin (NF1) forms a high-affinity dimer. <i>Journal of Biological Chemistry</i> , 2020, 295, 1105-1119.	1.6	25
71	Apparent Decoupling of the Dynamics of a Protein from the Dynamics of its Aqueous Solvent. <i>Journal of Physical Chemistry Letters</i> , 2012, 3, 380-385.	2.1	24
72	Coherent Neutron Scattering and Collective Dynamics in the Protein, GFP. <i>Biophysical Journal</i> , 2013, 105, 2182-2187.	0.2	24

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73	Protein extraction into the bicontinuous microemulsion phase of a Water/SDS/pentanol/dodecane Winsor-III system: Effect on nanostructure and protein conformation. <i>Colloids and Surfaces B: Biointerfaces</i> , 2017, 160, 144-153.	2.5	24
74	Analysis of the solution structure of <i>Thermosynechococcus elongatus</i> photosystem I in n-dodecyl- β -D-maltoside using small-angle neutron scattering and molecular dynamics simulation. <i>Archives of Biochemistry and Biophysics</i> , 2014, 550-551, 50-57.	1.4	23
75	Dependence of Sum Frequency Generation (SFG) Spectral Features on the Mesoscale Arrangement of SFG-Active Crystalline Domains Interspersed in SFG-Inactive Matrix: A Case Study with Cellulose in Uniaxially Aligned Control Samples and Alkali-Treated Secondary Cell Walls of Plants. <i>Journal of Physical Chemistry C</i> , 2017, 121, 10249-10257.	1.5	22
76	Nanoscope dynamics of bicontinuous microemulsions: effect of membrane associated protein. <i>Soft Matter</i> , 2017, 13, 4871-4880.	1.2	22
77	Hemicellulose-Cellulose Composites Reveal Differences in Cellulose Organization after Dilute Acid Pretreatment. <i>Biomacromolecules</i> , 2019, 20, 893-903.	2.6	21
78	Excited-State Dynamics of Water-Soluble Polythiophene Derivatives: Temperature and Side-Chain Length Effects. <i>Journal of Physical Chemistry B</i> , 2012, 116, 14451-14460.	1.2	20
79	Deuterium incorporation in biomass cell wall components by NMR analysis. <i>Analyst</i> , The, 2012, 137, 1090.	1.7	19
80	Physical Insight into Switchgrass Dissolution in Ionic Liquid 1-Ethyl-3-methylimidazolium Acetate. <i>ACS Sustainable Chemistry and Engineering</i> , 2014, 2, 1264-1269.	3.2	19
81	Small-Angle X-ray Scattering Study of Photosystem I-Detergent Complexes: Implications for Membrane Protein Crystallization. <i>Journal of Physical Chemistry B</i> , 2007, 111, 4211-4219.	1.2	18
82	Temperature Dependence of Logarithmic-like Relaxational Dynamics of Hydrated tRNA. <i>Journal of Physical Chemistry Letters</i> , 2013, 4, 936-942.	2.1	18
83	Effect of D2O on Growth Properties and Chemical Structure of Annual Ryegrass (<i>Lolium</i>) Tj ETQq1 1 0.784314 rgBTj Overlock 10 Tf 503	2.4	18
84	Effect of Protein Incorporation on the Nanostructure of the Bicontinuous Microemulsion Phase of Winsor-III Systems: A Small-Angle Neutron Scattering Study. <i>Langmuir</i> , 2015, 31, 1901-1910.	1.6	18
85	Small-angle neutron scattering reveals the assembly of alpha-synuclein in lipid membranes. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2015, 1854, 1881-1889.	1.1	18
86	Effects of soil particles and convective transport on dispersion and aggregation of nanoplastics via small-angle neutron scattering (SANS) and ultra SANS (USANS). <i>PLoS ONE</i> , 2020, 15, e0235893.	1.1	18
87	Cellulose synthase interactive1- and microtubule-dependent cell wall architecture is required for acid growth in <i>Arabidopsis hypocotyls</i> . <i>Journal of Experimental Botany</i> , 2020, 71, 2982-2994.	2.4	18
88	Title is missing!. <i>Biotechnology Letters</i> , 2002, 24, 783-790.	1.1	17
89	Laser-induced breakdown spectroscopy used to detect palladium and silver metal dispersed in bacterial cellulose membranes. <i>Applied Optics</i> , 2003, 42, 6174.	2.1	17
90	Neutron Technologies for Bioenergy Research. <i>Industrial Biotechnology</i> , 2012, 8, 209-216.	0.5	17

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91	Folding propensity of intrinsically disordered proteins by osmotic stress. <i>Molecular BioSystems</i> , 2016, 12, 3695-3701.	2.9	17
92	$2\text{H}\alpha\text{-}^{13}\text{C}$ correlation solid-state NMR for investigating dynamics and water accessibilities of proteins and carbohydrates. <i>Journal of Biomolecular NMR</i> , 2017, 68, 257-270.	1.6	17
93	Combined Small-Angle Neutron Scattering, Diffusion NMR, and Molecular Dynamics Study of a Eutectogel: Illuminating the Dynamical Behavior of Glycine Confined in Bacterial Cellulose Gels. <i>Journal of Physical Chemistry B</i> , 2020, 124, 7647-7658.	1.2	17
94	Supramolecular assembly of biohybrid photoconversion systems. <i>Energy and Environmental Science</i> , 2011, 4, 181-188.	15.6	16
95	Production of deuterated switchgrass by hydroponic cultivation. <i>Planta</i> , 2015, 242, 215-222.	1.6	15
96	Enhanced Dynamics of Hydrated tRNA on Nanodiamond Surfaces: A Combined Neutron Scattering and MD Simulation Study. <i>Journal of Physical Chemistry B</i> , 2016, 120, 10059-10068.	1.2	14
97	Conformational Dynamics in the Interaction of SARS-CoV-2 Papain-like Protease with Human Interferon-Stimulated Gene 15 Protein. <i>Journal of Physical Chemistry Letters</i> , 2021, 12, 5608-5615.	2.1	14
98	Bicontinuous microemulsions as a biomembrane mimetic system for melittin. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2018, 1860, 624-632.	1.4	12
99	New Technologies are Needed to Improve the Recycling and Upcycling of Waste Plastics. <i>ChemSusChem</i> , 2021, 14, 3982-3984.	3.6	12
100	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
101	Production of Bacterial Cellulose with Controlled Deuterium-Hydrogen Substitution for Neutron Scattering Studies. <i>Methods in Enzymology</i> , 2015, 565, 123-146.	0.4	11
102	Incorporation of Melittin Enhances Interfacial Fluidity of Bicontinuous Microemulsions. <i>Journal of Physical Chemistry C</i> , 2019, 123, 11197-11206.	1.5	11
103	Influence of Chemically Disrupted Photosynthesis on Cyanobacterial Thylakoid Dynamics in <i>Synechocystis</i> sp. PCC 6803. <i>Scientific Reports</i> , 2019, 9, 5711.	1.6	10
104	Chemical and Morphological Structure of Transgenic Switchgrass Organosolv Lignin Extracted by Ethanol, Tetrahydrofuran, and D^3 -Valerolactone Pretreatments. <i>ACS Sustainable Chemistry and Engineering</i> , 2022, 10, 9041-9052.	3.2	10
105	Localized entrapment of green fluorescent protein within nanostructured polymer films. <i>Soft Matter</i> , 2011, 7, 11453.	1.2	9
106	Biosynthesis and characterization of deuterated chitosan in filamentous fungus and yeast. <i>Carbohydrate Polymers</i> , 2021, 257, 117637.	5.1	8
107	Direct Experimental Characterization of Contributions from Self-Motion of Hydrogen and from Interatomic Motion of Heavy Atoms to Protein Anharmonicity. <i>Journal of Physical Chemistry B</i> , 2018, 122, 9956-9961.	1.2	7
108	Structural Insights into Low and High Recalcitrance Natural Poplar Variants Using Neutron and X-ray Scattering. <i>ACS Sustainable Chemistry and Engineering</i> , 2020, 8, 13838-13849.	3.2	7

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109	Structural Reorganization of Noncellulosic Polymers Observed In Situ during Dilute Acid Pretreatment by Small-Angle Neutron Scattering. <i>ACS Sustainable Chemistry and Engineering</i> , 2022, 10, 314-322.	3.2	7
110	Engineered zinc oxide-based nanotherapeutics boost systemic antibacterial efficacy against phloem-restricted diseases. <i>Environmental Science: Nano</i> , 2022, 9, 2869-2886.	2.2	7
111	Metabolic Prosthesis for Oxygenation of Ischemic Tissue. <i>IEEE Transactions on Biomedical Engineering</i> , 2009, 56, 528-531.	2.5	5
112	Observation of a structural gradient in Winsor-III microemulsion systems. <i>Soft Matter</i> , 2018, 14, 5270-5276.	1.2	5
113	Identifying Stable Fragments of <i>Arabidopsis thaliana</i> Cellulose Synthase Subunit 3 by Yeast Display. <i>Biotechnology Journal</i> , 2019, 14, e1800353.	1.8	5
114	Effect of Surface Attachment on Synthesis of Bacterial Cellulose. <i>Applied Biochemistry and Biotechnology</i> , 2005, 121, 0439-0450.	1.4	4
115	Characterization of Morphology and Active Agent Mobility within Hybrid Silica Sol-Gel Composites. <i>Journal of Physical Chemistry C</i> , 2012, 116, 13972-13979.	1.5	4
116	Fed-batch production of deuterated protein in <i>Escherichia coli</i> for neutron scattering experimentation. <i>Methods in Enzymology</i> , 2021, 659, 219-240.	0.4	4
117	Cloning of Electron-Transferring Flavoprotein from <i>Megasphaera elsdenii</i> . <i>Biochemical Society Transactions</i> , 1995, 23, 379S-379S.	1.6	3
118	Reentrant condensation of lysozyme: Implications for studying dynamics of lysozyme in aqueous solutions of lithium chloride. <i>Biopolymers</i> , 2014, 101, 624-629.	1.2	3
119	Collective Excitations in Protein as a Measure of Balance Between its Softness and Rigidity. <i>Journal of Physical Chemistry B</i> , 2017, 121, 923-930.	1.2	3
120	Multi-Purpose Cellulosic Ionogels. <i>ACS Symposium Series</i> , 2017, , 143-155.	0.5	3
121	Allelopathic effects of exogenous phenylalanine: a comparison of four monocot species. <i>Planta</i> , 2017, 246, 673-685.	1.6	3
122	Production of deuterated biomass by cultivation of <i>Lemna minor</i> (duckweed) in D2O. <i>Planta</i> , 2019, 249, 1465-1475.	1.6	3
123	Publisher's Note: Self-similar multiscale structure of lignin revealed by neutron scattering and molecular dynamics simulation [<i>Phys. Rev. E</i> 83 (2011)]. <i>Physical Review E</i> , 2011, 84, .	0.8	2
124	Development of Bacterial Cellulose Nanocomposites. <i>Materials Research Society Symposia Proceedings</i> , 2011, 1312, 1.	0.1	2
125	Crystallization and preliminary X-ray diffraction analysis of <i>Hypocrea jecorina</i> Cel7A in two new crystal forms. <i>Acta Crystallographica Section F, Structural Biology Communications</i> , 2014, 70, 773-776.	0.4	2
126	Structural Studies of Deuterium-Labeled Switchgrass Biomass. <i>ACS Symposium Series</i> , 2019, , 17-32.	0.5	2

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127	Incorporation of Membrane Proteins Into Bicontinuous Microemulsions Through Winsorâ€”III Systemâ€”Based Extraction. <i>Journal of Surfactants and Detergents</i> , 2021, 24, 649-660.	1.0	2
128	Melittin exerts opposing effects on short- and long-range dynamics in bicontinuous microemulsions. <i>Journal of Colloid and Interface Science</i> , 2021, 590, 94-102.	5.0	2
129	Investigation of detergent effects on the solution structure of spinach Light Harvesting Complex II. <i>Journal of Physics: Conference Series</i> , 2010, 251, 012041.	0.3	1
130	Oligomerization state and pigment binding strength of the peridininâ€”Chl <i>a</i> / <i>i</i> â€”protein. <i>FEBS Letters</i> , 2015, 589, 2713-2719.	1.3	1
131	Electron-transferring flavoprotein from <i>Megasphaera elsdenii</i> ; gene organisation and structural information. <i>Biochemical Society Transactions</i> , 1998, 26, S214-S214.	1.6	0
132	The Nicotinamide Cofactors: Applications in Biotechnology. <i>ACS Symposium Series</i> , 2001, , 103-130.	0.5	0
133	Publisherâ€™s Note: Elastic and Conformational Softness of a Globular Protein [Phys. Rev. Lett. 110, 028104 (2013)]. <i>Physical Review Letters</i> , 2013, 110, .	2.9	0
134	Investigating the structural flexibility of intrinsically disordered proteins. <i>FASEB Journal</i> , 2010, 24, 684.8.	0.2	0
135	Effect of Surface Attachment on Synthesis of Bacterial Cellulose. , 2005, , 439-450.		0