

Pat Edwards

List of Publications by Year in descending order

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Version: 2024-02-01

52
papers

1,150
citations

394286

19
h-index

414303

32
g-index

54
all docs

54
docs citations

54
times ranked

1740
citing authors

#	ARTICLE	IF	CITATIONS
1	Experimentally based structural model of Yih1 provides insight into its function in controlling the key translational regulator Gcn2. FEBS Letters, 2021, 595, 324-340.	1.3	1
2	Cyclic peptides bearing the <scpd></scpd>-Phe-2-Abz turn motif: Structural characterization and antimicrobial potential. Journal of Peptide Science, 2021, 27, e3291.	0.8	4
3	Kiwifruit (<i>Actinidia deliciosa</i>), compared with cellulose and psyllium, influences the histology and mucus layer of the gastrointestinal tract in the growing pig. Food and Function, 2021, 12, 8007-8016.	2.1	3
4	Structure and stability of whey proteins. , 2020, , 251-291.		4
5	The Importance of Phosphates for DNA Gâ€Quadruplex Formation: Evaluation of Zwitterionic Gâ€Rich Oligodeoxynucleotides. ChemBioChem, 2020, 21, 2455-2466.	1.3	8
6	Effects of Pressure and pH on the Physical Stability of an lâ€Motif DNA Structure. ChemPhysChem, 2019, 20, 1567-1571.	1.0	14
7	Î±-2â€-Deoxyguanosine can switch DNA G-quadruplex topologies from antiparallel to parallel. Organic and Biomolecular Chemistry, 2019, 17, 4031-4042.	1.5	9
8	Effects of Pressure and pH on the Hydrolysis of Cytosine: Implications for Nucleotide Stability around Deepâ€Sea Black Smokers. ChemBioChem, 2018, 19, 540-544.	1.3	3
9	The adsorption of orthophosphate onto casein-iron precipitates. Food Chemistry, 2018, 239, 17-22.	4.2	7
10	Acyclic peptides incorporating the <scpd></scpd>-Phe-2-Abz turn motif: Investigations on antimicrobial activity and propensity to adopt Î±-hairpin conformations. Journal of Peptide Science, 2018, 24, e3094.	0.8	5
11	The effect of transglutaminase treatment on the physico-chemical properties of skim milk with added ethylenediaminetetraacetic acid. Food Hydrocolloids, 2017, 69, 329-340.	5.6	18
12	NMR-based method of small changes reveals how DNA mutator APOBEC3A interacts with its single-stranded DNA substrate. Nucleic Acids Research, 2017, 45, 5602-5613.	6.5	20
13	Tyrocidine A Analogues Bearing the Planar <scpd></scpd>-Phe-2-Abz Turn Motif: How Conformation Impacts Bioactivity. Journal of Medicinal Chemistry, 2017, 60, 9565-9574.	2.9	13
14	Crystal and NMR Structures of a Peptidomimetic Î±-Turn That Provides Facile Synthesis of 13â€Membered Cyclic Tetrapeptides. Chemistry - an Asian Journal, 2017, 12, 3195-3202.	1.7	14
15	On the properties of residual dipolar coupling alignment tensors: Simulations illuminate how residual dipolar couplings depend on the relative orientations of the magnetic field, the director of the alignment phase and the bond vectors. Concepts in Magnetic Resonance Part A: Bridging Education and Research, 2016, 45A, .	0.2	0
16	Iron binding to caseins in the presence of orthophosphate. Food Chemistry, 2016, 190, 128-134.	4.2	15
17	Interdependence of pyrene interactions and tetramolecular G4-DNA assembly. Organic and Biomolecular Chemistry, 2015, 13, 3742-3748.	1.5	16
18	Structural features of a novel polysaccharide isolated from a New Zealand Maori mushroom <i>Ilodiction cibarium</i> . Carbohydrate Research, 2015, 406, 19-26.	1.1	10

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19	Synthesis of the Antimicrobial α -Linked Glycopeptide, Glycocinâ€¦.F. Chemistry - A European Journal, 2015, 21, 3556-3561.	1.7	28
20	Assembly Dependent Fluorescence Enhancing Nucleic Acids in Sequenceâ€¦Specific Detection of Doubleâ€¦Stranded DNA. ChemPlusChem, 2014, 79, 58-66.	1.3	12
21	Sauvignon blanc metabolomics: grape juice metabolites affecting the development of varietal thiols and other aroma compounds in wines. Metabolomics, 2014, 10, 556-573.	1.4	74
22	Nitrogen and carbon assimilation by <i>Saccharomyces cerevisiae</i> during Sauvignon blanc juice fermentation. FEMS Yeast Research, 2014, 14, 1206-1222.	1.1	33
23	Brevisulcatic Acids, Marine Ladder-Frame Polyethers from the Red Tide Dinoflagellate <i>Karenia brevisulcata</i> in New Zealand. Organic Letters, 2014, 16, 5850-5853.	2.4	11
24	Structure and Stability of Whey Proteins. , 2014, , 201-242.		5
25	Zinc, Cadmium, and Mercury Complexes of a Pyridyloxy-Substituted Cyclotriphosphazene: Syntheses, Structures, and Fluxional Behavior. Inorganic Chemistry, 2012, 51, 10884-10892.	1.9	36
26	Novel toxins produced by the dinoflagellate <i>Karenia brevisulcata</i> . Harmful Algae, 2012, 13, 47-57.	2.2	33
27	NMRâ€¦based metabonomics detection of differences in the metabolism of hydrolysed <i>v</i> versus intact protein of similar amino acid profile. Journal of the Science of Food and Agriculture, 2012, 92, 2013-2016.	1.7	9
28	Temperature-dependent complexation between sodium caseinate and gum arabic. Food Hydrocolloids, 2012, 26, 82-88.	5.6	37
29	Rheo-NMR studies of a nematic worm-like micelle system in a high-shear-rate regime. Soft Matter, 2011, 7, 10291.	1.2	5
30	Structural, Dynamic, and Chemical Characterization of a Novel S-Glycosylated Bacteriocin. Biochemistry, 2011, 50, 2748-2755.	1.2	61
31	Twoâ€¦state conformational equilibrium in the Parâ€¦4 leucine zipper domain. Proteins: Structure, Function and Bioinformatics, 2010, 78, 2433-2449.	1.5	9
32	Solution Structure of the Squash Aspartic Acid Proteinase Inhibitor (SQAPI) and Mutational Analysis of Pepsin Inhibition. Journal of Biological Chemistry, 2010, 285, 27019-27025.	1.6	12
33	N-terminal Domains of DELLA Proteins Are Intrinsically Unstructured in the Absence of Interaction with GID1/Gibberellic Acid Receptors. Journal of Biological Chemistry, 2010, 285, 11557-11571.	1.6	67
34	Rheo-NMR Studies of an Enzymatic Reaction: Evidence of a Shear-Stable Macromolecular System. Biophysical Journal, 2010, 98, 1986-1994.	0.2	13
35	The production of soluble and correctly folded recombinant bovine β -lactoglobulin variants A and B in <i>Escherichia coli</i> for NMR studies. Protein Expression and Purification, 2010, 70, 283-289.	0.6	28
36	Rheo-NMR studies of the behavior of a nematic liquid crystal in a low-shear-rate regime: The transition from director alignment to reorientation. Physical Review E, 2010, 82, 041712.	0.8	5

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37	Intrinsic disorder and coiled-coil formation in prostate apoptosis response factor 4. FEBS Journal, 2009, 276, 3710-3728.	2.2	24
38	A picornaviral loop-to-loop replication complex. Journal of Structural Biology, 2009, 166, 251-262.	1.3	21
39	Isolation and Structural Identification of the Anthocyanin Components of Red Kiwifruit. Journal of Agricultural and Food Chemistry, 2009, 57, 2035-2039.	2.4	49
40	E/Z-Thesinine-O-4- β -rhamnoside, pyrrolizidine conjugates produced by grasses (Poaceae). Phytochemistry, 2008, 69, 1927-1932.	1.4	27
41	Structure and stability of whey proteins. , 2008, , 163-203.		17
42	Isolation and Characterisation of Procyanidins from <i>Rumex obtusifolius</i> . Phytochemical Analysis, 2007, 18, 193-203.	1.2	22
43	Structural Identification of Two Major Anthocyanin Components of Boysenberry by NMR Spectroscopy. Journal of Agricultural and Food Chemistry, 2006, 54, 8756-8761.	2.4	35
44	The Impact of Pyrrolidine Hydroxylation on the Conformation of Proline-Containing Peptides. Journal of Organic Chemistry, 2005, 70, 1306-1315.	1.7	53
45	Identification of the dialysable serum inducer of germ-tube formation in <i>Candida albicans</i> . Microbiology (United Kingdom), 2004, 150, 3041-3049.	0.7	73
46	Factors Affecting Conformation in Proline-Containing Peptides. Organic Letters, 2003, 5, 4413-4416.	2.4	57
47	Structural features of bovine caseinomacropeptide A and B by ^1H nuclear magnetic resonance spectroscopy. Journal of Dairy Research, 2002, 69, 85-94.	0.7	17
48	Milk protein structure—what can it tell the dairy industry?. International Dairy Journal, 2002, 12, 299-310.	1.5	33
49	Heat-resistant structural features of bovine ^2H -lactoglobulin A revealed by NMR H/D exchange observations. International Dairy Journal, 2002, 12, 331-344.	1.5	31
50	Solvent Isotope Effect on the Self-Assembly and Liquid Crystalline Phase Behavior in Aqueous Solutions of Ammonium Pentadecafluorooctanoate. Langmuir, 1997, 13, 2665-2669.	1.6	16
51	Phase diagram of the tetramethylammonium heptadecafluorononanoate (TMAHFN)/D $_2$ O system as determined by ^2H and ^{14}N NMR. Liquid Crystals, 1995, 18, 51-60.	0.9	14
52	A model for isotropic, nematic, and columnar ordering in a self-assembling system—comparison with the phase behavior of 2,3,6,7,10,11-hexa-(1,4-trioxaoctyl)-triphenylene in water. Macromolecular Symposia, 1994, 81, 361-367.	0.4	15