Michelle L Colgrave

List of Publications by Year
in descending order

146	6,569	61984	74163
papers	citations	43 h-index	75 g-index

148	148	148	5573
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Thermal, Chemical, and Enzymatic Stability of the Cyclotide Kalata B1:Â The Importance of the Cyclic Cystine Knotâ€. Biochemistry, 2004, 43, 5965-5975.	2.5	520
2	Electrospray ionization mass spectrometry of oligonucleotide complexes with drugs, metals, and proteins. Mass Spectrometry Reviews, 2001, 20, 61-87.	5.4	225
3	A novel suite of cyclotides from Viola odorata: sequence variation and the implications for structure, function and stability. Biochemical Journal, 2006, 400, 1-12.	3.7	170
4	Anti-HIV Cyclotides from the Chinese Medicinal Herb Viola yedoensis. Journal of Natural Products, 2008, 71, 47-52.	3.0	163
5	Cyclotides: Natural, Circular Plant Peptides that Possess Significant Activity against Gastrointestinal Nematode Parasites of Sheep. Biochemistry, 2008, 47, 5581-5589.	2.5	162
6	A Continent of Plant Defense Peptide Diversity: Cyclotides in Australian Hybanthus (Violaceae). Plant Cell, 2005, 17, 3176-3189.	6.6	156
7	Alanine Scanning Mutagenesis of the Prototypic Cyclotide Reveals a Cluster of Residues Essential for Bioactivity. Journal of Biological Chemistry, 2008, 283, 9805-9813.	3.4	153
8	Discovery of Cyclotides in the Fabaceae Plant Family Provides New Insights into the Cyclization, Evolution, and Distribution of Circular Proteins. ACS Chemical Biology, 2011, 6, 345-355.	3.4	151
9	The Biological Activity of the Prototypic Cyclotide Kalata B1 Is Modulated by the Formation of Multimeric Pores. Journal of Biological Chemistry, 2009, 284, 20699-20707.	3.4	144
10	Discovery of an unusual biosynthetic origin for circular proteins in legumes. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 10127-10132.	7.1	143
11	Albumins and their processing machinery are hijacked for cyclic peptides in sunflower. Nature Chemical Biology, 2011, 7, 257-259.	8.0	141
12	The secreted and surface proteomes of the adult stage of the carcinogenic human liver fluke Opisthorchis viverrini. Proteomics, 2010, 10, 1063-1078.	2.2	135
13	Exposed proteins of the Schistosoma japonicum tegument. International Journal for Parasitology, 2010, 40, 543-554.	3.1	130
14	Cyclotides Associate with Leaf Vasculature and Are the Products of a Novel Precursor in Petunia (Solanaceae). Journal of Biological Chemistry, 2012, 287, 27033-27046.	3.4	126
15	Multi-Tissue Omics Analyses Reveal Molecular Regulatory Networks for Puberty in Composite Beef Cattle. PLoS ONE, 2014, 9, e102551.	2.5	125
16	The Anthelmintic Activity of the Cyclotides: Natural Variants with Enhanced Activity. ChemBioChem, 2008, 9, 1939-1945.	2.6	124
17	What is in a Beer? Proteomic Characterization and Relative Quantification of Hordein (Gluten) in Beer. Journal of Proteome Research, 2012, 11, 386-396.	3.7	123
18	Isolation and Characterization of Novel Cyclotides from Viola hederaceae. Journal of Biological Chemistry, 2005, 280, 22395-22405.	3.4	117

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19	The Cyclotide Fingerprint inOldenlandia affinis: Elucidation of Chemically Modified, Linear and Novel Macrocyclic Peptides. ChemBioChem, 2007, 8, 1001-1011.	2.6	108
20	Discovery and Characterization of a Linear Cyclotide from Viola odorata: Implications for the Processing of Circular Proteins. Journal of Molecular Biology, 2006, 357, 1522-1535.	4.2	106
21	Anthelmintic activity of cyclotides: In vitro studies with canine and human hookworms. Acta Tropica, 2009, 109, 163-166.	2.0	100
22	Lysine-scanning Mutagenesis Reveals an Amendable Face of the Cyclotide Kalata B1 for the Optimization of Nematocidal Activity. Journal of Biological Chemistry, 2010, 285, 10797-10805.	3.4	99
23	Cyclic MrIA:Â A Stable and Potent Cyclic Conotoxin with a Novel Topological Fold that Targets the Norepinephrine Transporter. Journal of Medicinal Chemistry, 2006, 49, 6561-6568.	6.4	96
24	Measuring Hordein (Gluten) in Beer â€“ A Comparison of ELISA and Mass Spectrometry. PLoS ONE, 2013, 8, e56452.	2.5	92
25	Proteomic Profiling of 16 Cereal Grains and the Application of Targeted Proteomics To Detect Wheat Contamination. Journal of Proteome Research, 2015, 14, 2659-2668.	3.7	85
26	Comprehensive mapping of the bull sperm surface proteome. Proteomics, 2012, 12, 3559-3579.	2.2	81
27	Identification and Structural Characterization of Novel Cyclotide with Activity against an Insect Pest of Sugar Cane. Journal of Biological Chemistry, 2012, 287, 134-147.	3.4	78
28	Creation of the first ultraâ€low gluten barley (Hordeum vulgare L.) for coeliac and glutenâ€intolerant populations. Plant Biotechnology Journal, 2016, 14, 1139-1150.	8.3	78
29	Despite a Conserved Cystine Knot Motif, Different Cyclotides Have Different Membrane Binding Modes. Biophysical Journal, 2009, 97, 1471-1481.	0.5	74
30	Hydroxyproline quantification for the estimation of collagen in tissue using multiple reaction monitoring mass spectrometry. Journal of Chromatography A, 2008, 1212, 150-153.	3.7	72
31	Using mass spectrometry to detect hydrolysed gluten in beer that is responsible for false negatives by ELISA. Journal of Chromatography A, 2014, 1370, 105-114.	3.7	71
32	Photochemical crosslinking of soluble wool keratins produces a mechanically stable biomaterial that supports cell adhesion and proliferation. Journal of Biomedical Materials Research - Part A, 2010, 95A, 901-911.	4.0	70
33	Sunflower trypsin inhibitorâ€1, proteolytic studies on a trypsin inhibitor peptide and its analogs. Biopolymers, 2010, 94, 665-672.	2.4	69
34	Identification, Characterization, and Three-Dimensional Structure of the Novel Circular Bacteriocin, Enterocin NKR-5-3B, from Enterococcus faecium. Biochemistry, 2015, 54, 4863-4876.	2.5	62
35	Cycloviolacin H4, a Hydrophobic Cyclotide fromViola hederaceae. Journal of Natural Products, 2006, 69, 23-28.	3.0	61
36	Molecular and functional characterisation of resilin across three insect orders. Insect Biochemistry and Molecular Biology, 2011, 41, 881-890.	2.7	56

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37	The Fusarium crown rot pathogenFusarium pseudograminearumtriggers a suite of transcriptional and metabolic changes in bread wheat (Triticum aestivumL.). Annals of Botany, 2017, 119, mcw207.	2.9	52
38	Quantification of Hordeins by ELISA: The Correct Standard Makes a Magnitude of Difference. PLoS ONE, 2013, 8, e56456.	2.5	51
39	Evolutionary Origins of a Bioactive Peptide Buried within Preproalbumin Â. Plant Cell, 2014, 26, 981-995.	6.6	51
40	Engineering Î±-amylase levels in wheat grain suggests a highly sophisticated level of carbohydrate regulation during development. Journal of Experimental Botany, 2014, 65, 5443-5457.	4.8	48
41	Flavonoid Profile of the Cotton Plant, Gossypium hirsutum: A Review. Plants, 2017, 6, 43.	3.5	48
42	Biomolecular Analyses of Starch and Starch Granule Proteins in the High-Amylose Rice Mutant Goami 2. Journal of Agricultural and Food Chemistry, 2012, 60, 11576-11585.	5.2	46
43	Exploring the midgut proteome of partially fed female cattle tick (Rhipicephalus (Boophilus)) Tj ETQq1 1 0.784314 rgBT /Overlock 10	2.0	45
44	A new â€œeraâ€•for cyclotide sequencing. Biopolymers, 2010, 94, 592-601.	2.4	45
45	Proteomics as a tool to understand the complexity of beer. Food Research International, 2013, 54, 1001-1012.	6.2	45
46	Identification of barley-specific peptide markers that persist in processed foods and are capable of detecting barley contamination by LC-MS/MS. Journal of Proteomics, 2016, 147, 169-176.	2.4	45
47	Characterization and Relative Quantitation of Wheat, Rye, and Barley Gluten Protein Types by Liquid Chromatographyâ€“Tandem Mass Spectrometry. Frontiers in Plant Science, 2019, 10, 1530.	3.6	45
48	Cyclotide Interactions with the Nematode External Surface. Antimicrobial Agents and Chemotherapy, 2010, 54, 2160-2166.	3.2	44
49	Optimisation of protein extraction for in-depth profiling of the cereal grain proteome. Journal of Proteomics, 2019, 197, 23-33.	2.4	44
50	Sialic Acid Modification of Adiponectin Is Not Required for Multimerization or Secretion but Determines Half-Life in Circulation. Molecular Endocrinology, 2010, 24, 229-239.	3.7	43
51	Perspectives on Future Protein Production. Journal of Agricultural and Food Chemistry, 2021, 69, 15076-15083.	5.2	42
52	Comparing Multiple Reaction Monitoring and Sequential Window Acquisition of All Theoretical Mass Spectra for the Relative Quantification of Barley Gluten in Selectively Bred Barley Lines. Analytical Chemistry, 2016, 88, 9127-9135.	6.5	40
53	Insights into Processing and Cyclization Events Associated with Biosynthesis of the Cyclic Peptide Kalata B1. Journal of Biological Chemistry, 2012, 287, 28037-28046.	3.4	39
54	The different effects of starch synthase IIa mutations or variation on endosperm amylose content of barley, wheat and rice are determined by the distribution of starch synthase I and starch branching enzyme IIb between the starch granule and amyloplast stroma. Theoretical and Applied Genetics, 2015, 128, 1407-1419.	3.6	39

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55	Cycloquest: Identification of Cyclopeptides via Database Search of Their Mass Spectra against Genome Databases. Journal of Proteome Research, 2011, 10, 4505-4512.	3.7	38
56	The flavonoid profile of pigeonpea, Cajanus cajan: a review. SpringerPlus, 2015, 4, 125.	1.2	38
57	Comparison of Gluten Extraction Protocols Assessed by LC-MS/MS Analysis. Journal of Agricultural and Food Chemistry, 2017, 65, 2857-2866.	5.2	38
58	The Imprinted Retrotransposon-Like Gene PEG11 (RTL1) Is Expressed as a Full-Length Protein in Skeletal Muscle from Callipyge Sheep. PLoS ONE, 2010, 5, e8638.	2.5	38
59	In vitrotransport and satiety of a beta-lactoglobulin dipeptide and beta-casomorphin-7 and its metabolites. Food and Function, 2014, 5, 2706-2718.	4.6	36
60	Liquid Chromatographyâ€“Mass Spectrometry Analysis Reveals Hydrolyzed Gluten in Beers Crafted To Remove Gluten. Journal of Agricultural and Food Chemistry, 2017, 65, 9715-9725.	5.2	36
61	Lysine-rich Cyclotides: A New Subclass of Circular Knotted Proteins from Violaceae. ACS Chemical Biology, 2015, 10, 2491-2500.	3.4	34
62	Interrelationship between measures of collagen, compression, shear force and tenderness. Meat Science, 2013, 95, 219-223.	5.5	33
63	Activation of several key components of the epidermal differentiation pathway in cattle following infestation with the cattle tick, Rhipicephalus (Boophilus) microplus. International Journal for Parasitology, 2010, 40, 499-507.	3.1	32
64	Site occupancy and glycan compositional analysis of two soluble recombinant forms of the attachment glycoprotein of Hendra virus. Glycobiology, 2012, 22, 572-584.	2.5	32
65	A comparative proteomic study of drought-tolerant and drought-sensitive soybean seedlings under drought stress. Crop and Pasture Science, 2016, 67, 528.	1.5	31
66	Food for thought: Selecting the right enzyme for the digestion of gluten. Food Chemistry, 2017, 234, 389-397.	8.2	30
67	Nanoelectrospray ion mobility spectrometry and ion trap mass spectrometry studies of the non-covalent complexes of amino acids and peptides with polyethers. International Journal of Mass Spectrometry, 2003, 229, 209-216.	1.5	29
68	Protein extraction protocols for optimal proteome measurement and arginine kinase quantitation from cricket Acheta domesticus for food safety assessment. Food Chemistry, 2021, 348, 129110.	8.2	29
69	Neuropeptide profiling of the bovine hypothalamus: Thermal stabilization is an effective tool in inhibiting postâ€mortem degradation. Proteomics, 2011, 11, 1264-1276.	2.2	27
70	Transcriptome analysis of Brachypodium during fungal pathogen infection reveals both shared and distinct defense responses with wheat. Scientific Reports, 2017, 7, 17212.	3.3	27
71	Peptide quantification by matrix-assisted laser desorption ionisation time-of-flight mass spectrometry: Investigations of the cyclotide kalata B1 in biological fluids. Journal of Chromatography A, 2005, 1091, 187-193.	3.7	26
72	Characterization of a Bioactive Acyclotide from Palicourea rigida. Journal of Natural Products, 2016, 79, 2767-2773.	3.0	25

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73	Understanding the Diversity and Distribution of Cyclotides from Plants of Varied Genetic Origin. Journal of Natural Products, 2017, 80, 1522-1530.	3.0	25
74	Proteomic analysis of the abomasal mucosal response following infection by the nematode, Haemonchus contortus, in genetically resistant and susceptible sheep. Journal of Proteomics, 2012, 75, 2141-2152.	2.4	24
75	Identification and Quantitation of Amylase Trypsin Inhibitors Across Cultivars Representing the Diversity of Bread Wheat. Journal of Proteome Research, 2020, 19, 2136-2148.	3.7	24
76	Quantitative analysis of backbone-cyclised peptides in plants. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2008, 872, 107-114.	2.3	21
77	Oat of this world: Defining peptide markers for detection of oats in processed food. Peptide Science, 2018, 110, e24045.	1.8	21
78	Electrospray ionisation mass spectrometric detection of weak non-covalent interactions in nogalamycinâ€“DNA complexes. Chemical Communications, 2002, , 556-557.	4.1	20
79	Using LC-MS to examine the fermented food products vinegar and soy sauce for the presence of gluten. Food Chemistry, 2018, 254, 302-308.	8.2	20
80	Hordein Accumulation in Developing Barley Grains. Frontiers in Plant Science, 2019, 10, 649.	3.6	20
81	The complexity of the secreted NPA and FAR lipid-binding protein families of Haemonchus contortus revealed by an iterative proteomicsâ€“bioinformatics approach. Molecular and Biochemical Parasitology, 2009, 168, 84-94.	1.1	19
82	Plant expression of NifD protein variants resistant to mitochondrial degradation. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 23165-23173.	7.1	19
83	Development and evaluation of a nano-electrospray ionisation source for atmospheric pressure ion mobility spectrometry. Analyst, The, 2002, 127, 1467-1470.	3.5	18
84	Discovery, isolation, and structural characterization of cyclotides from Viola sumatrana Miq. Biopolymers, 2016, 106, 796-805.	2.4	17
85	Structure of a Drug-Induced DNA T-Bulge: Implications for DNA Frameshift Mutations. Angewandte Chemie - International Edition, 2002, 41, 4754-4756.	13.8	16
86	Rapid Determination of Sequence Selectivity and Stability of Alkylated Oligonucleotide Adducts by Electrospray Tandem Mass Spectrometry. Australian Journal of Chemistry, 2003, 56, 401.	0.9	16
87	Production and proteomic characterisation of purified protein derivative from Mycobacterium avium subsp. paratuberculosis. Proteome Science, 2012, 10, 22.	1.7	15
88	Exploiting genomic data to identify proteins involved in abalone reproduction. Journal of Proteomics, 2014, 108, 337-353.	2.4	15
89	Preparation and Characterization of Avenin-Enriched Oat Protein by Chill Precipitation for Feeding Trials in Celiac Disease. Frontiers in Nutrition, 2019, 6, 162.	3.7	15
90	Targeted proteomics to monitor the extraction efficiency and levels of barley Î±-amylase trypsin inhibitors that are implicated in non-coeliac gluten sensitivity. Journal of Chromatography A, 2019, 1600, 55-64.	3.7	15

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91	Discovery and Characterization of Cyclotides from Rinorea Species. Journal of Natural Products, 2018, 81, 2512-2520.	3.0	14
92	Greenlip Abalone (Haliotis laevigata) Genome and Protein Analysis Provides Insights into Maturation and Spawning. G3: Genes, Genomes, Genetics, 2019, 9, 3067-3078.	1.8	14
93	Developing gluten-free cereals and the role of proteomics in product safety. Journal of Cereal Science, 2020, 93, 102932.	3.7	14
94	Mature forms of the major seed storage albumins in sunflower: A mass spectrometric approach. Journal of Proteomics, 2016, 147, 177-186.	2.4	13
95	Neuropeptidome of the Hypothalamus and Pituitary Gland of Indicine Ã— Taurine Heifers: Evidence of Differential Neuropeptide Processing in the Pituitary Gland before and after Puberty. Journal of Proteome Research, 2018, 17, 1852-1865.	3.7	13
96	Integrative Proteomic Analysis of Digestive Tract Glycosidases from the Invasive Golden Apple Snail, Pomacea canaliculata. Journal of Proteome Research, 2019, 18, 3342-3352.	3.7	13
97	Proteome Analysis of Hordein-Null Barley Lines Reveals Storage Protein Synthesis and Compensation Mechanisms. Journal of Agricultural and Food Chemistry, 2020, 68, 5763-5775.	5.2	13
98	Application of Mass Spectrometry-Based Proteomics to Barley Research. Journal of Agricultural and Food Chemistry, 2021, 69, 8591-8609.	5.2	13
99	Two proteins for the price of one: Structural studies of the dual-destiny protein preproalbumin with sunflower trypsin inhibitor-1. Journal of Biological Chemistry, 2017, 292, 12398-12411.	3.4	12
100	Resolving hemocyanin isoform complexity in haemolymph of black tiger shrimp Penaeus monodon - implications in aquaculture, medicine and food safety. Journal of Proteomics, 2020, 218, 103689.	2.4	12
101	Biomarkers and biosensors for the diagnosis of noncompliant pH, dark cutting beef predisposition, and welfare in cattle. Comprehensive Reviews in Food Science and Food Safety, 2022, 21, 2391-2432.	11.7	12
102	Targeted proteomics for rapid and robust peanut allergen quantification. Food Chemistry, 2022, 383, 132592.	8.2	12
103	Quantitation of seven transmembrane proteins from the DHA biosynthesis pathway in genetically engineered canola by targeted mass spectrometry. Food and Chemical Toxicology, 2019, 126, 313-321.	3.6	11
104	Drug recognition of a DNA single strand break. FEBS Journal, 2002, 269, 1726-1733.	0.2	10
105	Multiple Reaction Monitoring for the Accurate Quantification of Amino Acids: Using Hydroxyproline to Estimate Collagen Content. Methods in Molecular Biology, 2012, 828, 291-303.	0.9	10
106	Enzymeâ€driven metabolomic screening: a proofâ€ofâ€principle method for discovery of plant defence compounds targeted by pathogens. New Phytologist, 2016, 212, 770-779.	7.3	10
107	Assessing the Utility of Multiplexed Liquid Chromatography-Mass Spectrometry for Gluten Detection in Australian Breakfast Food Products. Molecules, 2019, 24, 3665.	3.8	10
108	Proteomics reveals the in vitro protein digestibility of seven transmembrane enzymes from the docosahexaenoic acid biosynthesis pathway. Food and Chemical Toxicology, 2019, 130, 89-98.	3.6	10

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109	Adaptive defence and sensing responses of host plant roots to fungal pathogen attack revealed by transcriptome and metabolome analyses. Plant, Cell and Environment, 2021, 44, 3756-3774.	5.7	10
110	Evaluation of protein extraction methods for in-depth proteome analysis of narrow-leafed lupin (Lupinus angustifolius) seeds. Food Chemistry, 2022, 367, 130722.	8.2	10
111	Quantitative mass spectrometry-based analysis of proteins related to cattle and their products â€“ Focus on cowsâ€™ milk beta-casein proteoforms. Methods, 2021, 186, 112-118.	3.8	9
112	Gluten, Celiac Disease, and Gluten Intolerance and the Impact of Gluten Minimization Treatments with Prolylendopeptidase on the Measurement of Gluten in Beer. Journal of the American Society of Brewing Chemists, 2014, , .	1.1	8
113	Optimising methods for the recovery and quantification of di- and tripeptides in soil. Soil Research, 2018, 56, 404.	1.1	8
114	Multi-Omics Strategies for Decoding Smoke-Assisted Germination Pathways and Seed Vigour. International Journal of Molecular Sciences, 2020, 21, 7512.	4.1	8
115	Cloning and tissue distribution of novel splice variants of the ovine ghrelin gene. BMC Veterinary Research, 2014, 10, 211.	1.9	7
116	Catcher of the Rye: Detection of Rye, a Gluten-Containing Grain, by LCâ€“MS/MS. Journal of Proteome Research, 2019, 18, 3394-3403.	3.7	7
117	Analysis of Gluten in Dried Yeast and Yeast-Containing Products. Foods, 2020, 9, 1790.	4.3	7
118	How Healthy Are Non-Traditional Dietary Proteins? The Effect of Diverse Protein Foods on Biomarkers of Human Health. Foods, 2022, 11, 528.	4.3	7
119	Cytokines in the grass, a lesson learnt: Measuring cytokines in plasma using multiple reaction monitoring mass spectrometry. Rapid Communications in Mass Spectrometry, 2020, 34, e8723.	1.5	6
120	Overexpression of a wheat Î±â€amylase type 2 impact on starch metabolism and abscisic acid sensitivity during grain germination. Plant Journal, 2021, 108, 378-393.	5.7	6
121	Identification of differentially expressed reproductive and metabolic proteins in the female abalone () Tj ETQq1 1 0.784314 rgBT /Ove Physiology Part D: Genomics and Proteomics, 2017, 24, 127-138.	1.0	5
122	Proteomics: Tools of the Trade. Advances in Experimental Medicine and Biology, 2019, 1073, 1-22.	1.6	5
123	Challenges in mass spectrometryâ€based quantification of bioactive peptides: A case study exploring the neuropeptide Y family. Biopolymers, 2012, 98, 357-366.	2.4	4
124	Neuropeptidomics applied to studies of mammalian reproduction. Peptidomics, 2014, 1, .	0.3	4
125	Proteome and Nutritional Shifts Observed in Hordein Double-Mutant Barley Lines. Frontiers in Plant Science, 2021, 12, 718504.	3.6	4
126	The discovery and development of a natural combinatorial peptide template: the cyclotides. Advances in Experimental Medicine and Biology, 2009, 611, 477-478.	1.6	4

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127	Gluten Reduction Strategies for Wheat and Barley. Cereal Foods World, 2018, , .	0.2	4
128	Evaluation of the Major Seed Storage Proteins, the Conglutins, Across Genetically Diverse Narrow-Leafed Lupin Varieties. Frontiers in Nutrition, 2022, 9, .	3.7	4
129	Binding of anthracycline antibiotic nogalamycin to the site of a DNA single strand break engineered between two co-axially stacked hairpins. Chemical Communications, 2001, , 315-316.	4.1	3
130	A mass spectrometric assay for the quantification of neuropeptide PYY in plasma. Analytical Methods, 2012, 4, 714.	2.7	3
131	Perennial Ryegrass Contains Gluten-Like Proteins That Could Contaminate Cereal Crops. Frontiers in Nutrition, 2021, 8, 708122.	3.7	3
132	Primary Structural Analysis of Cyclotides. Advances in Botanical Research, 2015, , 113-154.	1.1	2
133	Over-Expression of a Wheat Late Maturity Alpha-Amylase Type 1 Impact on Starch Properties During Grain Development and Germination. Frontiers in Plant Science, 2022, 13, 811728.	3.6	2
134	Gonadal reproductive and metabolic proteins of male abaloneHaliotis laevigata(Donovan, 1808) assessed by targeted mass spectrometry after artificial induction of spawning. Aquaculture Research, 2017, 48, 6009-6015.	1.8	1
135	Multiple Reaction Monitoring for the Accurate Quantification of Amino Acids: Using Hydroxyproline to Estimate Collagen Content. Methods in Molecular Biology, 2019, 2030, 33-45.	0.9	1
136	Efficient Extraction and Digestion of Gluten Proteins. Methods in Molecular Biology, 2019, 1871, 405-412.	0.9	1
137	The impact of the indica rice SSIIa allele on the apparent high amylose starch from rice grain with downregulated japonica SBEIIb. Theoretical and Applied Genetics, 2020, 133, 2961-2974.	3.6	1
138	Proteome Analysis and Epitope Mapping in a Commercial Reduced-Gluten Wheat Product. Frontiers in Nutrition, 2021, 8, 705822.	3.7	1
139	Database Construction Strategies for Proteome Measurement of Novel Food Ingredients. , 2022, , 133-143.		1
140	Backbone Cyclization Improves the Enzymatic Stability of Ï‡-Conotoxin, MrIA, whilst Maintaining its Structure and NET-Modulating Activity. , 2006, , 641-642.		0
141	Membrane Interactions and the Formation of Multimeric Pores by Cyclotides. Biophysical Journal, 2010, 98, 609a.	0.5	0
142	Identification of crotonyl glycine in urine of sheep after 48h road transport. Journal of Pharmaceutical and Biomedical Analysis, 2012, 67-68, 129-136.	2.8	0
143	Corrigendum to â€œUsing mass spectrometry to detect hydrolysed gluten in beer that is responsible for false negatives by ELISAâ€•[J. Chromatogr. A 1370 (2014) 105â€“114]. Journal of Chromatography A, 2016, 1468, 257.	3.7	0
144	Proteases as Digestive Aids. , 2019, , 314-321.		0

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145	Utilizing the Foodâ€“Pathogen Metabolome to Putatively Identify Biomarkers for the Detection of Shiga Toxin-Producing E. coli (STEC) from Spinach. Metabolites, 2021, 11, 67.	2.9	0
146	Wheat avoidance, gluten diagnostics, and novel gluten-free foods.. CFW Plexus, 2013, , .	0.0	0