

# Sixue Chen

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

216  
papers

8,004  
citations

48  
h-index

79  
g-index

234  
ext. papers

9,800  
ext. citations

5.6  
avg, IF

6.15  
L-index

#	Paper	IF	Citations
216	PRP4KA phosphorylates SERRATE for degradation via 20 proteasome to fine-tune miRNA production in .. <i>Science Advances</i> , <b>2022</b> , 8, eabm8435	14.3	1
215	Quantitative redox proteomics revealed molecular mechanisms of salt tolerance in the roots of sugar beet monomeric addition line M14.. <i>Botanical Studies</i> , <b>2022</b> , 63, 5	2.3	0
214	Inhibitors of ERp44, PDIA1, and AGR2 induce disulfide-mediated oligomerization of Death Receptors 4 and 5 and cancer cell death.. <i>Cancer Letters</i> , <b>2022</b> , 215604	9.9	0
213	Genome-wide identification of genes and their responses to cold acclimation in .. <i>PeerJ</i> , <b>2022</b> , 10, e13429	3.1	2
212	Integrative Proteomic and Phosphoproteomic Analyses of Pattern- and Effector-Triggered Immunity in Tomato.. <i>Frontiers in Plant Science</i> , <b>2021</b> , 12, 768693	6.2	2
211	Cys-SH based quantitative redox proteomics of salt induced response in sugar beet monosomic addition line M14. <i>Botanical Studies</i> , <b>2021</b> , 62, 16	2.3	1
210	Identification of physiological and morphological traits governing high water use efficiency in alfalfa. <i>Journal of Agronomy and Crop Science</i> , <b>2021</b> , 207, 644-653	3.9	0
209	Functional Characterization of a Sugar Beet Transcription Factor in Salt Stress Tolerance. <i>International Journal of Molecular Sciences</i> , <b>2021</b> , 22,	6.3	4
208	Three-in-One Simultaneous Extraction of Proteins, Metabolites and Lipids for Multi-Omics. <i>Frontiers in Genetics</i> , <b>2021</b> , 12, 635971	4.5	4
207	Guard cell redox proteomics reveals a role of lipid transfer protein in plant defense. <i>Journal of Proteomics</i> , <b>2021</b> , 242, 104247	3.9	2
206	Advances and perspectives in the metabolomics of stomatal movement and the disease triangle. <i>Plant Science</i> , <b>2021</b> , 302, 110697	5.3	6
205	Comparative proteomics of Mesembryanthemum crystallinum guard cells and mesophyll cells in transition from C to CAM. <i>Journal of Proteomics</i> , <b>2021</b> , 231, 104019	3.9	5
204	Combined ultraviolet and darkness regulation of medicinal metabolites in Mahonia bealei revealed by proteomics and metabolomics. <i>Journal of Proteomics</i> , <b>2021</b> , 233, 104081	3.9	7
203	Protein complex formation in methionine chain-elongation and leucine biosynthesis. <i>Scientific Reports</i> , <b>2021</b> , 11, 3524	4.9	
202	Investigating an increase in Florida manatee mortalities using a proteomic approach. <i>Scientific Reports</i> , <b>2021</b> , 11, 4282	4.9	1
201	Selection and Validation of Reference Genes for RT-qPCR Analysis in under Abiotic Stress. <i>BioMed Research International</i> , <b>2021</b> , 2021, 4853632	3	0
200	Carbon Starved Anther modulates sugar and ABA metabolism to protect rice seed germination and seedling fitness. <i>Plant Physiology</i> , <b>2021</b> , 187, 2405-2418	6.6	1

199	Integrative omic analysis reveals the improvement of alkaloid accumulation by ultraviolet-B radiation and its upstream regulation in <i>Catharanthus roseus</i> . <i>Industrial Crops and Products</i> , <b>2021</b> , 166, 113448	5.9	8
198	The Arabidopsis MIK2 receptor elicits immunity by sensing a conserved signature from phyto cytokines and microbes. <i>Nature Communications</i> , <b>2021</b> , 12, 5494	17.4	15
197	Vision, challenges and opportunities for a Plant Cell Atlas. <i>ELife</i> , <b>2021</b> , 10,	8.9	8
196	Untargeted Metabolomics of Arabidopsis Stomatal Immunity. <i>Methods in Molecular Biology</i> , <b>2021</b> , 2200, 413-424	1.4	2
195	Identification of DIR1-Dependant Cellular Responses in Guard Cell Systemic Acquired Resistance.. <i>Frontiers in Molecular Biosciences</i> , <b>2021</b> , 8, 746523	5.6	
194	Molecular changes in <i>Mesembryanthemum crystallinum</i> guard cells underlying the C to CAM transition. <i>Plant Molecular Biology</i> , <b>2020</b> , 103, 653-667	4.6	4
193	Physiological Changes in During the C to CAM Transition Induced by Salt Stress. <i>Frontiers in Plant Science</i> , <b>2020</b> , 11, 283	6.2	12
192	S-Nitroso-Proteome Revealed in Stomatal Guard Cell Response to Flg22. <i>International Journal of Molecular Sciences</i> , <b>2020</b> , 21,	6.3	14
191	Hydrotropism in the primary roots of maize. <i>New Phytologist</i> , <b>2020</b> , 226, 1796-1808	9.8	2
190	Bisphenol A and bisphenol S disruptions of the mouse placenta and potential effects on the placenta-brain axis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2020</b> , 117, 4642-4652	11.5	41
189	Plant Chloroplast Stress Response: Insights from Thiol Redox Proteomics. <i>Antioxidants and Redox Signaling</i> , <b>2020</b> , 33, 35-57	8.4	14
188	Multi-Omics Revealed Molecular Mechanisms Underlying Guard Cell Systemic Acquired Resistance. <i>International Journal of Molecular Sciences</i> , <b>2020</b> , 22,	6.3	6
187	Metabolomics of red-light-induced stomatal opening in <i>Arabidopsis thaliana</i> : Coupling with abscisic acid and jasmonic acid metabolism. <i>Plant Journal</i> , <b>2020</b> , 101, 1331-1348	6.9	8
186	Proteomics data of SNF1-related protein kinase 2.4 interacting proteins revealed by immunoprecipitation-mass spectrometry. <i>Data in Brief</i> , <b>2020</b> , 32, 106326	1.2	0
185	Proteomics and phosphoproteomics revealed molecular networks of stomatal immune responses. <i>Planta</i> , <b>2020</b> , 252, 66	4.7	11
184	NaCO-responsive Photosynthetic and ROS Scavenging Mechanisms in Chloroplasts of Alkaligrass Revealed by Phosphoproteomics. <i>Genomics, Proteomics and Bioinformatics</i> , <b>2020</b> , 18, 271-288	6.5	3
183	Glucosinolate Biosynthesis and the Glucosinolate Myrosinase System in Plant Defense. <i>Agronomy</i> , <b>2020</b> , 10, 1786	3.6	21
182	Identification of proteins associated with two diverse <i>Caulobacter phicbk</i> virus particles. <i>Archives of Virology</i> , <b>2020</b> , 165, 1995-2002	2.6	

181	Jasmonate induced alternative splicing responses in. <i>Plant Direct</i> , <b>2020</b> , 4, e00245	3.3	3
180	Seaweed natural products modify the host inflammatory response via Nrf2 signaling and alter colon microbiota composition and gene expression. <i>Free Radical Biology and Medicine</i> , <b>2020</b> , 146, 306-323	7.8	8
179	Targeted Metabolomics of Plant Hormones and Redox Metabolites in Stomatal Immunity. <i>Methods in Molecular Biology</i> , <b>2020</b> , 2085, 79-92	1.4	8
178	Carbohydrate, glutathione, and polyamine metabolism are central to <i>Aspergillus flavus</i> oxidative stress responses over time. <i>BMC Microbiology</i> , <b>2019</b> , 19, 209	4.5	4
177	Cardiac MLC2 kinase is localized to the Z-disc and interacts with $\beta$ -actinin2. <i>Scientific Reports</i> , <b>2019</b> , 9, 12580	4.9	3
176	Metabolite signatures of grasspea suspension-cultured cells illustrate the complexity of dehydration response. <i>Planta</i> , <b>2019</b> , 250, 857-871	4.7	4
175	Chemodiversity of the Glucosinolate-Myrosinase System at the Single Cell Type Resolution. <i>Frontiers in Plant Science</i> , <b>2019</b> , 10, 618	6.2	25
174	Overexpression of a $\gamma$ -Adenosylmethionine Decarboxylase from Sugar Beet M14 Increased Salt Tolerance. <i>International Journal of Molecular Sciences</i> , <b>2019</b> , 20,	6.3	11
173	Directions for research and training in plant omics: Big Questions and Big Data. <i>Plant Direct</i> , <b>2019</b> , 3, e00133	3.3	16
172	Plant immune responses - from guard cells and local responses to systemic defense against bacterial pathogens. <i>Plant Signaling and Behavior</i> , <b>2019</b> , 14, e1588667	2.5	10
171	Arabidopsis bioinformatics resources: The current state, challenges, and priorities for the future. <i>Plant Direct</i> , <b>2019</b> , 3, e00109	3.3	13
170	Physiological and comparative proteomic analyses of saline-alkali NaHCO <sub>3</sub> -responses in leaves of halophyte <i>Puccinellia tenuiflora</i> . <i>Plant and Soil</i> , <b>2019</b> , 437, 137-158	4.2	30
169	Comparative proteomics and metabolomics of JAZ7-mediated drought tolerance in Arabidopsis. <i>Journal of Proteomics</i> , <b>2019</b> , 196, 81-91	3.9	21
168	Proteomic characterization of MPK4 signaling network and putative substrates. <i>Plant Molecular Biology</i> , <b>2019</b> , 101, 325-339	4.6	5
167	The Receptor Kinases BAK1/SERK4 Regulate Ca Channel-Mediated Cellular Homeostasis for Cell Death Containment. <i>Current Biology</i> , <b>2019</b> , 29, 3778-3790.e8	6.3	48
166	Advances in Understanding the Physiological and Molecular Responses of Sugar Beet to Salt Stress. <i>Frontiers in Plant Science</i> , <b>2019</b> , 10, 1431	6.2	24
165	UBASH3A Regulates the Synthesis and Dynamics of TCR-CD3 Complexes. <i>Journal of Immunology</i> , <b>2019</b> , 203, 2827-2836	5.3	12
164	Negative Regulation of Age-Related Developmental Leaf Senescence by the IAOx Pathway, PEN1, and PEN3. <i>Frontiers in Plant Science</i> , <b>2019</b> , 10, 1202	6.2	2

163	The C-terminal WD40 repeats on the TOPLESS co-repressor function as a protein-protein interaction surface. <i>Plant Molecular Biology</i> , <b>2019</b> , 100, 47-58	4.6	14
162	NaCl-responsive ROS scavenging and energy supply in alkaligrass callus revealed from proteomic analysis. <i>BMC Genomics</i> , <b>2019</b> , 20, 990	4.5	12
161	The guard cell ionome: Understanding the role of ions in guard cell functions. <i>Progress in Biophysics and Molecular Biology</i> , <b>2019</b> , 146, 50-62	4.7	7
160	MPK4 Phosphorylation Dynamics and Interacting Proteins in Plant Immunity. <i>Journal of Proteome Research</i> , <b>2019</b> , 18, 826-840	5.6	17
159	Deciphering drought-induced metabolic responses and regulation in developing maize kernels. <i>Plant Biotechnology Journal</i> , <b>2018</b> , 16, 1616	11.6	45
158	Characterization of thiol-based redox modifications of SNF1-related protein kinase 2.6-2C. <i>FEBS Open Bio</i> , <b>2018</b> , 8, 628-645	2.7	9
157	Regulation of brassinosteroid receptor BRI1 endocytosis and degradation by plant U-box PUB12/PUB13-mediated ubiquitination. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2018</b> , 115, E1906-E1915	11.5	68
156	A Phosphorylation Switch on Lon Protease Regulates Bacterial Type III Secretion System in Host. <i>MBio</i> , <b>2018</b> , 9,	7.8	15
155	Effects of overexpression of jasmonic acid biosynthesis genes on nicotine accumulation in tobacco. <i>Plant Direct</i> , <b>2018</b> , 2, e00036	3.3	5
154	Quantitative proteomics reveals a role of JAZ7 in plant defense response to <i>Pseudomonas syringae</i> DC3000. <i>Journal of Proteomics</i> , <b>2018</b> , 175, 114-126	3.9	11
153	An <i>Erwinia amylovora</i> yjeK mutant exhibits reduced virulence, increased chemical sensitivity and numerous environmentally dependent proteomic alterations. <i>Molecular Plant Pathology</i> , <b>2018</b> , 19, 1667-1678	5.7	10
152	Proteome analysis of <i>Aspergillus flavus</i> isolate-specific responses to oxidative stress in relationship to aflatoxin production capability. <i>Scientific Reports</i> , <b>2018</b> , 8, 3430	4.9	37
151	Metabolomics of Early Stage Plant Cell-Microbe Interaction Using Stable Isotope Labeling. <i>Frontiers in Plant Science</i> , <b>2018</b> , 9, 760	6.2	20
150	Proteomics and Phosphoproteomics of Heat Stress-Responsive Mechanisms in Spinach. <i>Frontiers in Plant Science</i> , <b>2018</b> , 9, 800	6.2	44
149	Stomata Tape-Peel: An Improved Method for Guard Cell Sample Preparation. <i>Journal of Visualized Experiments</i> , <b>2018</b> ,	1.6	10
148	Proteomic discovery of HO response in roots and functional characterization of PutGLP gene from alkaligrass. <i>Planta</i> , <b>2018</b> , 248, 1079-1099	4.7	14
147	Multiplex quantitative SILAC for analysis of archaeal proteomes: a case study of oxidative stress responses. <i>Environmental Microbiology</i> , <b>2018</b> , 20, 385-401	5.2	15
146	A Robust Methodology for Assessing Differential Homeolog Contributions to the Transcriptomes of Allopolyploids. <i>Genetics</i> , <b>2018</b> , 210, 883-894	4	11

145	Proteomics dataset containing proteins that obscure identification of TOPLESS interactors in. <i>Data in Brief</i> , <b>2018</b> , 20, 909-916	1.2	
144	New functions of an old kinase MPK4 in guard cells. <i>Plant Signaling and Behavior</i> , <b>2018</b> , 13, e1477908	2.5	1
143	Identification of MAPK Substrates Using Quantitative Phosphoproteomics. <i>Methods in Molecular Biology</i> , <b>2017</b> , 1578, 133-142	1.4	9
142	Redox regulation of a guard cell SNF1-related protein kinase in , an oilseed crop. <i>Biochemical Journal</i> , <b>2017</b> , 474, 2585-2599	3.8	11
141	Bicarbonate Induced Redox Proteome Changes in Arabidopsis Suspension Cells. <i>Frontiers in Plant Science</i> , <b>2017</b> , 8, 58	6.2	23
140	Membrane Proteomics of Arabidopsis Glucosinolate Mutants and. <i>Frontiers in Plant Science</i> , <b>2017</b> , 8, 5346.2		2
139	Salinity-Induced Palmella Formation Mechanism in Halotolerant Algae Revealed by Quantitative Proteomics and Phosphoproteomics. <i>Frontiers in Plant Science</i> , <b>2017</b> , 8, 810	6.2	28
138	Overexpression of S-Adenosyl-L-Methionine Synthetase 2 from Sugar Beet M14 Increased Arabidopsis Tolerance to Salt and Oxidative Stress. <i>International Journal of Molecular Sciences</i> , <b>2017</b> , 18,	6.3	37
137	Hydrogen Peroxide Response in Leaves of Poplar ( <i>Populus simonii</i> [ <i>Populus nigra</i> ]) Revealed from Physiological and Proteomic Analyses. <i>International Journal of Molecular Sciences</i> , <b>2017</b> , 18,	6.3	13
136	Salinity Response in Chloroplasts: Insights from Gene Characterization. <i>International Journal of Molecular Sciences</i> , <b>2017</b> , 18,	6.3	55
135	Metabolomics and Proteomics of Guard Cells in Response to Low CO. <i>Frontiers in Molecular Biosciences</i> , <b>2017</b> , 4, 51	5.6	22
134	Plant Response to Bacterial Pathogens: A Proteomics View <b>2016</b> , 203-225		2
133	Metabolomic Responses of Arabidopsis Suspension Cells to Bicarbonate under Light and Dark Conditions. <i>Scientific Reports</i> , <b>2016</b> , 6, 35778	4.9	7
132	Critical Role of COI1-Dependent Jasmonate Pathway in AAL toxin induced PCD in Tomato Revealed by Comparative Proteomics. <i>Scientific Reports</i> , <b>2016</b> , 6, 28451	4.9	14
131	Na <sub>2</sub> CO <sub>3</sub> -responsive mechanisms in halophyte <i>Puccinellia tenuiflora</i> roots revealed by physiological and proteomic analyses. <i>Scientific Reports</i> , <b>2016</b> , 6, 32717	4.9	38
130	Regulation of BZR1 in fruit ripening revealed by iTRAQ proteomics analysis. <i>Scientific Reports</i> , <b>2016</b> , 6, 33635	4.9	16
129	PARylation of the forkhead-associated domain protein DAWDLE regulates plant immunity. <i>EMBO Reports</i> , <b>2016</b> , 17, 1799-1813	6.5	27
128	Quantitative proteomics reveals an important role of GsCBRLK in salt stress response of soybean. <i>Plant and Soil</i> , <b>2016</b> , 402, 159-178	4.2	9

127	Protein-protein interactions in plant mitogen-activated protein kinase cascades. <i>Journal of Experimental Botany</i> , <b>2016</b> , 67, 607-18	7	28
126	Differential metabolomic responses of PAMP-triggered immunity and effector-triggered immunity in Arabidopsis suspension cells. <i>Metabolomics</i> , <b>2016</b> , 12, 1	4.7	12
125	Polyploidy and the proteome. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , <b>2016</b> , 1864, 896-907	4.7	25
124	Genome-wide identification and homeolog-specific expression analysis of the SnRK2 genes in Brassica napus guard cells. <i>Plant Molecular Biology</i> , <b>2016</b> , 91, 211-27	4.6	16
123	New nodes and edges in the glucosinolate molecular network revealed by proteomics and metabolomics of Arabidopsis myb28/29 and cyp79B2/B3 glucosinolate mutants. <i>Journal of Proteomics</i> , <b>2016</b> , 138, 1-19	3.9	21
122	Identification of thioredoxin targets in guard cell enriched epidermal peels using cystTMT proteomics. <i>Journal of Proteomics</i> , <b>2016</b> , 133, 48-53	3.9	23
121	Proteomic Insight into the Response of Arabidopsis Chloroplasts to Darkness. <i>PLoS ONE</i> , <b>2016</b> , 11, e0154235	3.7	14
120	Preparation of Epidermal Peels and Guard Cell Protoplasts for Cellular, Electrophysiological, and -Omics Assays of Guard Cell Function. <i>Methods in Molecular Biology</i> , <b>2016</b> , 1363, 89-121	1.4	17
119	Proteomic Analysis Reveals the Leaf Color Regulation Mechanism in Chimera Hosta "Gold Standard" Leaves. <i>International Journal of Molecular Sciences</i> , <b>2016</b> , 17, 346	6.3	6
118	Protein Phosphorylation and Redox Modification in Stomatal Guard Cells. <i>Frontiers in Physiology</i> , <b>2016</b> , 7, 26	4.6	25
117	Comparative Proteomic Analysis of Soybean Leaves and Roots by iTRAQ Provides Insights into Response Mechanisms to Short-Term Salt Stress. <i>Frontiers in Plant Science</i> , <b>2016</b> , 7, 573	6.2	62
116	Proteome targets of ubiquitin-like samp1ylation are associated with sulfur metabolism and oxidative stress in <i>Haloferax volcanii</i> . <i>Proteomics</i> , <b>2016</b> , 16, 1100-10	4.8	13
115	Nitrogen starvation-induced accumulation of triacylglycerol in the green algae: evidence for a role for ROC40, a transcription factor involved in circadian rhythm. <i>Plant Journal</i> , <b>2016</b> , 85, 743-57	6.9	35
114	CUB domain-containing protein 1 and the epidermal growth factor receptor cooperate to induce cell detachment. <i>Breast Cancer Research</i> , <b>2016</b> , 18, 80	8.3	19
113	Ubiquitin-Like Proteasome System Represents a Eukaryotic-Like Pathway for Targeted Proteolysis in Archaea. <i>MBio</i> , <b>2016</b> , 7,	7.8	20
112	Chilling-responsive mechanisms in halophyte <i>Puccinellia tenuiflora</i> seedlings revealed from proteomics analysis. <i>Journal of Proteomics</i> , <b>2016</b> , 143, 365-381	3.9	23
111	Quantitative proteomics and phosphoproteomics of sugar beet monosomic addition line M14 in response to salt stress. <i>Journal of Proteomics</i> , <b>2016</b> , 143, 286-297	3.9	29
110	Jasmonate-mediated stomatal closure under elevated CO revealed by time-resolved metabolomics. <i>Plant Journal</i> , <b>2016</b> , 88, 947-962	6.9	56

109	Cytological and Proteomic Analyses of <i>Osmunda cinnamomea</i> Germinating Spores Reveal Characteristics of Fern Spore Germination and Rhizoid Tip Growth. <i>Molecular and Cellular Proteomics</i> , <b>2015</b> , 14, 2510-34	7.6	32
108	Comparative Proteomic Analysis of <i>Brassica napus</i> in Response to Drought Stress. <i>Journal of Proteome Research</i> , <b>2015</b> , 14, 3068-81	5.6	63
107	Adaptive Engineering of Phytochelatin-based Heavy Metal Tolerance. <i>Journal of Biological Chemistry</i> , <b>2015</b> , 290, 17321-30	5.4	23
106	Phosphorylation of trihelix transcriptional repressor ASR3 by MAP KINASE4 negatively regulates <i>Arabidopsis</i> immunity. <i>Plant Cell</i> , <b>2015</b> , 27, 839-56	11.6	69
105	Gold nanoparticle-enabled blood test for early stage cancer detection and risk assessment. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2015</b> , 7, 6819-27	9.5	99
104	The guard cell metabolome: functions in stomatal movement and global food security. <i>Frontiers in Plant Science</i> , <b>2015</b> , 6, 334	6.2	54
103	Salt stress response of membrane proteome of sugar beet monosomic addition line M14. <i>Journal of Proteomics</i> , <b>2015</b> , 127, 18-33	3.9	23
102	Oxidation and phosphorylation of MAP kinase 4 cause protein aggregation. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , <b>2015</b> , 1854, 156-65	4	22
101	Recent advances and challenges in plant phosphoproteomics. <i>Proteomics</i> , <b>2015</b> , 15, 1127-41	4.8	77
100	Redox proteomics of tomato in response to <i>Pseudomonas syringae</i> infection. <i>Horticulture Research</i> , <b>2015</b> , 2, 15043	7.7	23
99	Metabolomic Responses of Guard Cells and Mesophyll Cells to Bicarbonate. <i>PLoS ONE</i> , <b>2015</b> , 10, e0144206	9.7	24
98	Phosphoproteomics technologies and applications in plant biology research. <i>Frontiers in Plant Science</i> , <b>2015</b> , 6, 430	6.2	23
97	Cytological and proteomic analyses of horsetail ( <i>Equisetum arvense</i> L.) spore germination. <i>Frontiers in Plant Science</i> , <b>2015</b> , 6, 441	6.2	9
96	cysTMTRAQ-An integrative method for unbiased thiol-based redox proteomics. <i>Molecular and Cellular Proteomics</i> , <b>2015</b> , 14, 237-42	7.6	30
95	Gene-expression novelty in allopolyploid cotton: a proteomic perspective. <i>Genetics</i> , <b>2015</b> , 200, 91-104	4	27
94	Advances in understanding CO <sub>2</sub> responsive plant metabolomes in the era of climate change. <i>Metabolomics</i> , <b>2015</b> , 11, 1478-1491	4.7	25
93	Dihydroxyacid dehydratase is important for gametophyte development and disruption causes increased susceptibility to salinity stress in <i>Arabidopsis</i> . <i>Journal of Experimental Botany</i> , <b>2015</b> , 66, 879-887	7	17
92	Distinct patterns of the histone marks associated with recruitment of the methionine chain-elongation pathway from leucine biosynthesis. <i>Journal of Experimental Botany</i> , <b>2015</b> , 66, 805-12	7	11

91	Fern spore germination in response to environmental factors. <i>Frontiers in Biology</i> , <b>2015</b> , 10, 358-376		22
90	HIV-Enhancing Factors Are Secreted by Reproductive Epithelia upon Inoculation with Bacterial Vaginosis-Associated Bacteria. <i>Protein and Peptide Letters</i> , <b>2015</b> , 22, 672-80	1.9	5
89	Protein phosphorylation in stomatal movement. <i>Plant Signaling and Behavior</i> , <b>2014</b> , 9, e972845	2.5	52
88	Proteomics profiling of fiber development and domestication in upland cotton ( <i>Gossypium hirsutum</i> L.). <i>Planta</i> , <b>2014</b> , 240, 1237-51	4.7	23
87	Plant single-cell and single-cell-type metabolomics. <i>Trends in Plant Science</i> , <b>2014</b> , 19, 637-46	13.1	84
86	Identification of regulatory factors for mesenchymal stem cell-derived salivary epithelial cells in a co-culture system. <i>PLoS ONE</i> , <b>2014</b> , 9, e112158	3.7	14
85	Tyrosine phosphorylation of protein kinase complex BAK1/BIK1 mediates Arabidopsis innate immunity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2014</b> , 111, 3632-7	11.5	120
84	Protein profiles reveal diverse responsive signaling pathways in kernels of two maize inbred lines with contrasting drought sensitivity. <i>International Journal of Molecular Sciences</i> , <b>2014</b> , 15, 18892-918	6.3	26
83	A comparative glycoproteome study of developing endosperm in the hexose-deficient miniature1 (mn1) seed mutant and its wild type Mn1 in maize. <i>Frontiers in Plant Science</i> , <b>2014</b> , 5, 63	6.2	18
82	Thiol-based redox proteins in abscisic acid and methyl jasmonate signaling in Brassica napus guard cells. <i>Plant Journal</i> , <b>2014</b> , 78, 491-515	6.9	50
81	Modulation of RNA polymerase II phosphorylation downstream of pathogen perception orchestrates plant immunity. <i>Cell Host and Microbe</i> , <b>2014</b> , 16, 748-58	23.4	47
80	Molecular reprogramming of Arabidopsis in response to perturbation of jasmonate signaling. <i>Journal of Proteome Research</i> , <b>2014</b> , 13, 5751-66	5.6	24
79	Ectopic expression of a BZR1-1D transcription factor in brassinosteroid signalling enhances carotenoid accumulation and fruit quality attributes in tomato. <i>Plant Biotechnology Journal</i> , <b>2014</b> , 12, 105-15	11.6	77
78	Understanding Information Processes at the Proteomics Level <b>2014</b> , 57-72		2
77	Abscisic acid-responsive guard cell metabolomes of Arabidopsis wild-type and gpa1 G-protein mutants. <i>Plant Cell</i> , <b>2013</b> , 25, 4789-811	11.6	59
76	Proteomics-based investigation of salt-responsive mechanisms in plant roots. <i>Journal of Proteomics</i> , <b>2013</b> , 82, 230-53	3.9	124
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