

Kris Gevaert

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.

404
papers

20,922
citations

79
h-index

125
g-index

441
ext. papers

24,880
ext. citations

8
avg, IF

6.63
L-index

#	Paper	IF	Citations
404	Proteome-wide cellular thermal shift assay reveals unexpected cross-talk between brassinosteroid and auxin signaling.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022 , 119, e2118220119	11.5	3
403	A Strong Cation Exchange Chromatography Protocol for Examining N-Terminal Proteoforms.. <i>Methods in Molecular Biology</i> , 2022 , 2477, 293-309	1.4	
402	A new generation of AD biomarkers: 2019 to 2021. <i>Ageing Research Reviews</i> , 2022 , 79, 101654	12	1
401	The Final Maturation State of Ectin Involves N-terminal Acetylation by NAA80, not N-terminal Arginylation by ATE1.. <i>Journal of Molecular Biology</i> , 2021 , 434, 167397	6.5	2
400	SAMBA controls cell division rate during maize development. <i>Plant Physiology</i> , 2021 ,	6.6	2
399	Mass spectrometry and the cellular surfaceome. <i>Mass Spectrometry Reviews</i> , 2021 ,	11	5
398	Mechanisms of Congenital Heart Disease Caused by NAA15 Haploinsufficiency. <i>Circulation Research</i> , 2021 , 128, 1156-1169	15.7	2
397	The membrane-localized protein kinase MAP4K4/TOT3 regulates thermomorphogenesis. <i>Nature Communications</i> , 2021 , 12, 2842	17.4	13
396	The lectin Oryzata induces phosphatase-mediated and carbohydrate-independent aggregation of insect cells. <i>Journal of Insect Physiology</i> , 2021 , 131, 104241	2.4	3
395	Use of Hybrid Data-Dependent and -Independent Acquisition Spectral Libraries Empowers Dual-Proteome Profiling. <i>Journal of Proteome Research</i> , 2021 , 20, 1165-1177	5.6	6
394	An AKT2-specific nanobody that targets the hydrophobic motif induces cell cycle arrest, autophagy and loss of focal adhesions in MDA-MB-231 cells. <i>Biomedicine and Pharmacotherapy</i> , 2021 , 133, 111055	7.5	5
393	Importance of extracellular vesicle secretion at the blood-cerebrospinal fluid interface in the pathogenesis of Alzheimer's disease. <i>Acta Neuropathologica Communications</i> , 2021 , 9, 143	7.3	10
392	Robust sequential biophysical fractionation of blood plasma to study variations in the biomolecular landscape of systemically circulating extracellular vesicles across clinical conditions. <i>Journal of Extracellular Vesicles</i> , 2021 , 10, e12122	16.4	3
391	Binding of Oryzata lectin induces an immune response in insect cells. <i>Insect Science</i> , 2021 ,	3.6	2
390	A KAI2 protein perceives strigolactones and isothiocyanates enzymatically. <i>Plant Communications</i> , 2021 , 2, 100166	9	6
389	Unraveling the MAX2 Protein Network in Arabidopsis thaliana: Identification of the Protein Phosphatase PAPP5 as a Novel MAX2 Interactor. <i>Molecular and Cellular Proteomics</i> , 2021 , 20, 100040	7.6	6
388	Prune-1 drives polarization of tumor-associated macrophages (TAMs) within the lung metastatic niche in triple-negative breast cancer. <i>iScience</i> , 2021 , 24, 101938	6.1	4

387	The CEP5 Peptide Promotes Abiotic Stress Tolerance, As Revealed by Quantitative Proteomics, and Attenuates the AUX/IAA Equilibrium in. <i>Molecular and Cellular Proteomics</i> , 2020 , 19, 1248-1262	7.6	12
386	N-glycosylation Site Analysis Reveals Sex-related Differences in Protein N-glycosylation in the Rice Brown Planthopper (). <i>Molecular and Cellular Proteomics</i> , 2020 , 19, 529-539	7.6	5
385	Simple Peptide Quantification Approach for MS-Based Proteomics Quality Control. <i>ACS Omega</i> , 2020 , 5, 6754-6762	3.9	12
384	MSqRob Takes the Missing Hurdle: Uniting Intensity- and Count-Based Proteomics. <i>Analytical Chemistry</i> , 2020 , 92, 6278-6287	7.8	7
383	Classification and Nomenclature of Metacaspases and Paracaspases: No More Confusion with Caspases. <i>Molecular Cell</i> , 2020 , 77, 927-929	17.6	35
382	Comparative study of concatemer efficiency as an isotope-labelled internal standard for allergen quantification. <i>Food Chemistry</i> , 2020 , 332, 127413	8.5	4
381	Integrator restrains paraspeckles assembly by promoting isoform switching of the lncRNA. <i>Science Advances</i> , 2020 , 6, eaaz9072	14.3	17
380	N-Terminal Proteoforms in Human Disease. <i>Trends in Biochemical Sciences</i> , 2020 , 45, 308-320	10.3	15
379	FRS7 and FRS12 recruit NINJA to regulate expression of glucosinolate biosynthesis genes. <i>New Phytologist</i> , 2020 , 227, 1124-1137	9.8	7
378	Waveguide-based surface-enhanced Raman spectroscopy detection of protease activity using non-natural aromatic amino acids. <i>Biomedical Optics Express</i> , 2020 , 11, 4800-4816	3.5	4
377	Towards SERS-based multiplexed monitoring of protease activity using non-natural aromatic amino acids. <i>EPJ Web of Conferences</i> , 2020 , 238, 04001	0.3	
376	UBP12 and UBP13 negatively regulate the activity of the ubiquitin-dependent peptidases DA1, DAR1 and DAR2. <i>ELife</i> , 2020 , 9,	8.9	6
375	Dehydrin ERD14 activates glutathione transferase Phi9 in Arabidopsis thaliana under osmotic stress. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2020 , 1864, 129506	4	13
374	Bacterial Genetic Engineering by Means of Recombineering for Reverse Genetics. <i>Frontiers in Microbiology</i> , 2020 , 11, 548410	5.7	4
373	Development and characterization of protein kinase B/AKT isoform-specific nanobodies. <i>PLoS ONE</i> , 2020 , 15, e0240554	3.7	4
372	Improved Glucocorticoid Receptor Ligands: Fantastic Beasts, but How to Find Them?. <i>Frontiers in Endocrinology</i> , 2020 , 11, 559673	5.7	5
371	Protein amino-termini and how to identify them. <i>Expert Review of Proteomics</i> , 2020 , 17, 581-594	4.2	6
370	High-resolution mass spectrometry-based selection of peanut peptide biomarkers considering food processing and market type variation. <i>Food Chemistry</i> , 2020 , 304, 125428	8.5	8

369	SnRK2 Protein Kinases and mRNA Decapping Machinery Control Root Development and Response to Salt. <i>Plant Physiology</i> , 2020 , 182, 361-377	6.6	29
368	Selection of universal peptide biomarkers for the detection of the allergen hazelnut in food through a comprehensive, high resolution mass spectrometric (HRMS) based approach. <i>Food Chemistry</i> , 2020 , 309, 125679	8.5	10
367	Mining for protein S-sulfenylation in uncovers redox-sensitive sites. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019 , 116, 21256-21261	11.5	59
366	Comparison of Free-Space and Waveguide-Based SERS Platforms. <i>Nanomaterials</i> , 2019 , 9,	5.4	11
365	Targeted Proteomics for Studying Pathogenic Bacteria. <i>Proteomics</i> , 2019 , 19, e1800435	4.8	20
364	CYP707As are effectors of karrikin and strigolactone signalling pathways in <i>Arabidopsis thaliana</i> and parasitic plants. <i>Plant, Cell and Environment</i> , 2019 , 42, 2612-2626	8.4	18
363	Salmonella Typhi, Paratyphi A, Enteritidis and Typhimurium core proteomes reveal differentially expressed proteins linked to the cell surface and pathogenicity. <i>PLoS Neglected Tropical Diseases</i> , 2019 , 13, e0007416	4.8	15
362	Disruption of endocytosis through chemical inhibition of clathrin heavy chain function. <i>Nature Chemical Biology</i> , 2019 , 15, 641-649	11.7	41
361	The Plant PTM Viewer, a central resource for exploring plant protein modifications. <i>Plant Journal</i> , 2019 , 99, 752-762	6.9	49
360	Pick a Tag and Explore the Functions of Your Pet Protein. <i>Trends in Biotechnology</i> , 2019 , 37, 1078-1090	15.1	20
359	Damage on plants activates Ca-dependent metacaspases for release of immunomodulatory peptides. <i>Science</i> , 2019 , 363,	33.3	98
358	Pollens destroy respiratory epithelial cell anchors and drive alphaherpesvirus infection. <i>Scientific Reports</i> , 2019 , 9, 4787	4.9	14
357	Capturing the phosphorylation and protein interaction landscape of the plant TOR kinase. <i>Nature Plants</i> , 2019 , 5, 316-327	11.5	100
356	EXPANSIN A1-mediated radial swelling of pericycle cells positions anticlinal cell divisions during lateral root initiation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019 , 116, 8597-8602	11.5	38
355	Extracellular peptide Kratos restricts cell death during vascular development and stress in <i>Arabidopsis</i> . <i>Journal of Experimental Botany</i> , 2019 , 70, 2199-2210	7	5
354	Caught green-handed: methods for in vivo detection and visualization of protease activity. <i>Journal of Experimental Botany</i> , 2019 , 70, 2125-2141	7	3
353	Distinct branches of the N-end rule pathway modulate the plant immune response. <i>New Phytologist</i> , 2019 , 221, 988-1000	9.8	42
352	Developmental Plasticity at High Temperature. <i>Plant Physiology</i> , 2019 , 181, 399-411	6.6	26

351	The generation and use of recombinant extracellular vesicles as biological reference material. <i>Nature Communications</i> , 2019 , 10, 3288	17.4	54
350	Exploring the protein-protein interaction landscape in plants. <i>Plant, Cell and Environment</i> , 2019 , 42, 387-409	8.0	30
349	Feeling the Heat: Searching for Plant Thermosensors. <i>Trends in Plant Science</i> , 2019 , 24, 210-219	13.1	56
348	Design and visualization of second-generation cyanoisoidole-based fluorescent strigolactone analogs. <i>Plant Journal</i> , 2019 , 98, 165-180	6.9	2
347	Selection of egg peptide biomarkers in processed food products by high resolution mass spectrometry. <i>Journal of Chromatography A</i> , 2019 , 1584, 115-125	4.5	17
346	Characterization of the β -secretase subunit interactome in <i>Arabidopsis thaliana</i> . <i>Acta Physiologiae Plantarum</i> , 2019 , 41, 1	2.6	0
345	Look Closely, the Beautiful May Be Small: Precursor-Derived Peptides in Plants. <i>Annual Review of Plant Biology</i> , 2019 , 70, 153-186	30.7	48
344	A Well-Controlled BioID Design for Endogenous Bait Proteins. <i>Journal of Proteome Research</i> , 2019 , 18, 95-106	5.6	11
343	GS, a Multifaceted Tag for Functional Protein Analysis in Monocot and Dicot Plants. <i>Plant Physiology</i> , 2018 , 177, 447-464	6.6	10
342	Synaptogyrin-3 Mediates Presynaptic Dysfunction Induced by Tau. <i>Neuron</i> , 2018 , 97, 823-835.e8	13.9	80
341	RIPK4 activity in keratinocytes is controlled by the SCF ubiquitin ligase to maintain cortical actin organization. <i>Cellular and Molecular Life Sciences</i> , 2018 , 75, 2827-2841	10.3	8
340	Seed germination in parasitic plants: what insights can we expect from strigolactone research?. <i>Journal of Experimental Botany</i> , 2018 , 69, 2265-2280	7	18
339	Chronic Kidney Disease Circulating Calciprotein Particles and Extracellular Vesicles Promote Vascular Calcification: A Role for GRP (Gla-Rich Protein). <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2018 , 38, 575-587	9.4	79
338	NAA80 is actin C-terminal acetyltransferase and regulates cytoskeleton assembly and cell motility. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018 , 115, 4399-4404	11.5	82
337	Proteome Analysis of <i>Arabidopsis</i> Roots. <i>Methods in Molecular Biology</i> , 2018 , 1761, 263-274	1.4	2
336	Experimental design and data-analysis in label-free quantitative LC/MS proteomics: A tutorial with MSqRob. <i>Journal of Proteomics</i> , 2018 , 171, 23-36	3.9	38
335	Disulfide bond formation protects <i>Arabidopsis thaliana</i> glutathione transferase tau 23 from oxidative damage. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2018 , 1862, 775-789	4	13
334	Quantitative Tandem Affinity Purification, an Effective Tool to Investigate Protein Complex Composition in Plant Hormone Signaling: Strigolactones in the Spotlight. <i>Frontiers in Plant Science</i> , 2018 , 9, 528	6.2	7

333	Early mannitol-triggered changes in the Arabidopsis leaf (phospho)proteome reveal growth regulators. <i>Journal of Experimental Botany</i> , 2018 , 69, 4591-4607	7	21
332	Identification of Immune-Responsive Gene 1 (IRG1) as a Target of A20. <i>Journal of Proteome Research</i> , 2018 , 17, 2182-2191	5.6	13
331	Impairment of Angiogenesis by Fatty Acid Synthase Inhibition Involves mTOR Malonylation. <i>Cell Metabolism</i> , 2018 , 28, 866-880.e15	24.6	83
330	N-terminal Acetylation Levels Are Maintained During Acetyl-CoA Deficiency in. <i>Molecular and Cellular Proteomics</i> , 2018 , 17, 2309-2323	7.6	11
329	Evolutionarily conserved and species-specific glycoproteins in the N-glycoproteomes of diverse insect species. <i>Insect Biochemistry and Molecular Biology</i> , 2018 , 100, 22-29	4.5	9
328	DET1-mediated degradation of a SAGA-like deubiquitination module controls H2Bub homeostasis. <i>ELife</i> , 2018 , 7,	8.9	38
327	A protein-protein interaction map of the TNF-induced NF- κ B signal transduction pathway. <i>Scientific Data</i> , 2018 , 5, 180289	8.2	26
326	Organellar Omics-A Reviving Strategy to Untangle the Biomolecular Complexity of the Cell. <i>Proteomics</i> , 2018 , 18, e1700113	4.8	14
325	Mutations in LZTR1 drive human disease by dysregulating RAS ubiquitination. <i>Science</i> , 2018 , 362, 1177-1183	13.3	87
324	Protein Language: Post-Translational Modifications Talking to Each Other. <i>Trends in Plant Science</i> , 2018 , 23, 1068-1080	13.1	87
323	Challenges in the Structural-Functional Characterization of Multidomain, Partially Disordered Proteins CBP and p300: Preparing Native Proteins and Developing Nanobody Tools. <i>Methods in Enzymology</i> , 2018 , 611, 607-675	1.7	4
322	Peanut Stunt Virus and Its Satellite RNA Trigger Changes in Phosphorylation in Infected Plants at the Early Stage of the Infection. <i>International Journal of Molecular Sciences</i> , 2018 , 19,	6.3	4
321	The autophagy receptor SQSTM1/p62 mediates anti-inflammatory actions of the selective NR3C1/glucocorticoid receptor modulator compound A (CpdA) in macrophages. <i>Autophagy</i> , 2018 , 14, 2049-2064	10.2	13
320	Quantitative proteomics and systems analysis of cultured H9C2 cardiomyoblasts during differentiation over time supports a function follows form model of differentiation. <i>Molecular Omics</i> , 2018 , 14, 181-196	4.4	2
319	FIGL1 and its novel partner FLIP form a conserved complex that regulates homologous recombination. <i>PLoS Genetics</i> , 2018 , 14, e1007317	6	42
318	Temperature-induced changes in the wheat phosphoproteome reveal temperature-regulated interconversion of phosphoforms. <i>Journal of Experimental Botany</i> , 2018 , 69, 4609-4624	7	21
317	A novel approach to analyze lysosomal dysfunctions through subcellular proteomics and lipidomics: the case of NPC1 deficiency. <i>Scientific Reports</i> , 2017 , 7, 41408	4.9	63
316	The mTOR and PP2A Pathways Regulate PHD2 Phosphorylation to Fine-Tune HIF1 α Levels and Colorectal Cancer Cell Survival under Hypoxia. <i>Cell Reports</i> , 2017 , 18, 1699-1712	10.6	60

315	N-terminal Proteomics Assisted Profiling of the Unexplored Translation Initiation Landscape in <i>Arabidopsis thaliana</i> . <i>Molecular and Cellular Proteomics</i> , 2017 , 16, 1064-1080	7.6	31
314	The transcriptional repressor complex FRS7-FRS12 regulates flowering time and growth in <i>Arabidopsis</i> . <i>Nature Communications</i> , 2017 , 8, 15235	17.4	25
313	Construction and analysis of a human testis/sperm-enriched interaction network: Unraveling the PPP1CC2 interactome. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2017 , 1861, 375-385	4	7
312	Confounding factors of ultrafiltration and protein analysis in extracellular vesicle research. <i>Scientific Reports</i> , 2017 , 7, 2704	4.9	112
311	Noncoding after All: Biases in Proteomics Data Do Not Explain Observed Absence of lncRNA Translation Products. <i>Journal of Proteome Research</i> , 2017 , 16, 2508-2515	5.6	22
310	Strigolactones, karrikins and beyond. <i>Plant, Cell and Environment</i> , 2017 , 40, 1691-1703	8.4	33
309	Drugging the catalytically inactive state of RET kinase in RET-rearranged tumors. <i>Science Translational Medicine</i> , 2017 , 9,	17.5	41
308	Identification of Carboxypeptidase Substrates by C-Terminal COFRADIC. <i>Methods in Molecular Biology</i> , 2017 , 1574, 115-133	1.4	3
307	Expanding the Interactome of TES by Exploiting TES Modules with Different Subcellular Localizations. <i>Journal of Proteome Research</i> , 2017 , 16, 2054-2071	5.6	8
306	Analyzing trapped protein complexes by Virotrap and SFINX. <i>Nature Protocols</i> , 2017 , 12, 881-898	18.8	13
305	Protease Substrate Profiling by N-Terminal COFRADIC. <i>Methods in Molecular Biology</i> , 2017 , 1574, 51-76	1.4	7
304	Gold nanodome SERS platform for label-free detection of protease activity. <i>Faraday Discussions</i> , 2017 , 205, 345-361	3.6	13
303	Ectopic application of the repressive histone modification H3K9me2 establishes post-zygotic reproductive isolation in. <i>Genes and Development</i> , 2017 , 31, 1272-1287	12.6	29
302	Linking functions: an additional role for an intrinsically disordered linker domain in the transcriptional coactivator CBP. <i>Scientific Reports</i> , 2017 , 7, 4676	4.9	28
301	Deregulation of focal adhesion formation and cytoskeletal tension due to loss of A-type lamins. <i>Cell Adhesion and Migration</i> , 2017 , 11, 447-463	3.2	18
300	Proteome Profiling of Wheat Shoots from Different Cultivars. <i>Frontiers in Plant Science</i> , 2017 , 8, 332	6.2	13
299	Proteogenomics in Aid of Host-Pathogen Interaction Studies: A Bacterial Perspective. <i>Proteomes</i> , 2017 , 5,	4.6	12
298	Selective Glucocorticoid Receptor Properties of GSK866 Analogs with Cysteine Reactive Warheads. <i>Frontiers in Immunology</i> , 2017 , 8, 1324	8.4	7

297	Platelet Proteomics and its Applications to Study Platelet-Related Disorders 2017 , 157-170		
296	CEP5 and XIP1/CEPR1 regulate lateral root initiation in Arabidopsis. <i>Journal of Experimental Botany</i> , 2016 , 67, 4889-99	7	54
295	The Response of the Root Proteome to the Synthetic Strigolactone GR24 in Arabidopsis. <i>Molecular and Cellular Proteomics</i> , 2016 , 15, 2744-55	7.6	23
294	Zebrafish Collagen Type I: Molecular and Biochemical Characterization of the Major Structural Protein in Bone and Skin. <i>Scientific Reports</i> , 2016 , 6, 21540	4.9	67
293	Xilmass: A New Approach toward the Identification of Cross-Linked Peptides. <i>Analytical Chemistry</i> , 2016 , 88, 9949-9957	7.8	21
292	Up-to-Date Workflow for Plant (Phospho)proteomics Identifies Differential Drought-Responsive Phosphorylation Events in Maize Leaves. <i>Journal of Proteome Research</i> , 2016 , 15, 4304-4317	5.6	40
291	Intelligent Mixing of Proteomes for Elimination of False Positives in Affinity Purification-Mass Spectrometry. <i>Journal of Proteome Research</i> , 2016 , 15, 3929-3937	5.6	8
290	Isolation of protein complexes from the model legume <i>Medicago truncatula</i> by tandem affinity purification in hairy root cultures. <i>Plant Journal</i> , 2016 , 88, 476-489	6.9	13
289	De novo design of a biologically active amyloid. <i>Science</i> , 2016 , 354,	33.3	44
288	HIV-1 Vpr N-terminal tagging affects alternative splicing of the viral genome. <i>Scientific Reports</i> , 2016 , 6, 34573	4.9	7
287	An extra dimension in protein tagging by quantifying universal proteotypic peptides using targeted proteomics. <i>Scientific Reports</i> , 2016 , 6, 27220	4.9	12
286	The ROS Wheel: Refining ROS Transcriptional Footprints. <i>Plant Physiology</i> , 2016 , 171, 1720-33	6.6	92
285	ADAM30 Downregulates APP-Linked Defects Through Cathepsin D Activation in Alzheimer's Disease. <i>EBioMedicine</i> , 2016 , 9, 278-292	8.8	28
284	Resolution of protein structure by mass spectrometry. <i>Mass Spectrometry Reviews</i> , 2016 , 35, 653-665	11	14
283	PP2A-3 interacts with ACR4 and regulates formative cell division in the Arabidopsis root. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016 , 113, 1447-52	11.5	28
282	Diagonal chromatography to study plant protein modifications. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2016 , 1864, 945-51	4	
281	Genetic predisposition for beta cell fragility underlies type 1 and type 2 diabetes. <i>Nature Genetics</i> , 2016 , 48, 519-27	36.3	83
280	Melanoma addiction to the long non-coding RNA SAMMSON. <i>Nature</i> , 2016 , 531, 518-22	50.4	355

279	Transferring an optimized TAP-toolbox for the isolation of protein complexes to a portfolio of rice tissues. <i>Plant Molecular Biology</i> , 2016 , 91, 341-54	4.6	4
278	The Whats, the Wheres and the Hows of strigolactone action in the roots. <i>Planta</i> , 2016 , 243, 1327-37	4.7	26
277	It's Time for Some "Site"-Seeing: Novel Tools to Monitor the Ubiquitin Landscape in Arabidopsis thaliana. <i>Plant Cell</i> , 2016 , 28, 6-16	11.6	54
276	SFINX: Straightforward Filtering Index for Affinity Purification-Mass Spectrometry Data Analysis. <i>Journal of Proteome Research</i> , 2016 , 15, 332-8	5.6	16
275	Peptide-level Robust Ridge Regression Improves Estimation, Sensitivity, and Specificity in Data-dependent Quantitative Label-free Shotgun Proteomics. <i>Molecular and Cellular Proteomics</i> , 2016 , 15, 657-68	7.6	40
274	Protein aggregation as an antibiotic design strategy. <i>Molecular Microbiology</i> , 2016 , 99, 849-65	4.1	32
273	Positional proteomics reveals differences in N-terminal proteoform stability. <i>Molecular Systems Biology</i> , 2016 , 12, 858	12.2	51
272	Trapping mammalian protein complexes in viral particles. <i>Nature Communications</i> , 2016 , 7, 11416	17.4	30
271	Proteomics in the genome engineering era. <i>Proteomics</i> , 2016 , 16, 177-87	4.8	6
270	The growing story of (ARABIDOPSIS) CRINKLY 4. <i>Journal of Experimental Botany</i> , 2016 , 67, 4835-47	7	11
269	Identification of a novel mechanism of blood-brain communication during peripheral inflammation via choroid plexus-derived extracellular vesicles. <i>EMBO Molecular Medicine</i> , 2016 , 8, 1162-1183	12	184
268	A Role for Human N-alpha Acetyltransferase 30 (Naa30) in Maintaining Mitochondrial Integrity. <i>Molecular and Cellular Proteomics</i> , 2016 , 15, 3361-3372	7.6	22
267	Functional characterization of the Arabidopsis transcription factor bZIP29 reveals its role in leaf and root development. <i>Journal of Experimental Botany</i> , 2016 , 67, 5825-5840	7	36
266	FYVE1/FREE1 Interacts with the PYL4 ABA Receptor and Mediates Its Delivery to the Vacuolar Degradation Pathway. <i>Plant Cell</i> , 2016 , 28, 2291-2311	11.6	97
265	The Arabidopsis Iron-Sulfur Protein GRXS17 is a Target of the Ubiquitin E3 Ligases RGLG3 and RGLG4. <i>Plant and Cell Physiology</i> , 2016 , 57, 1801-13	4.9	12
264	Glutaredoxin GRXS17 Associates with the Cytosolic Iron-Sulfur Cluster Assembly Pathway. <i>Plant Physiology</i> , 2016 , 172, 858-873	6.6	31
263	C-terminomics: Targeted analysis of natural and posttranslationally modified protein and peptide C-termini. <i>Proteomics</i> , 2015 , 15, 903-14	4.8	43
262	Study of Protein Expression in Peri-Infarct Tissue after Cerebral Ischemia. <i>Scientific Reports</i> , 2015 , 5, 12030	10	12

261	Dynamic Changes in ANGUSTIFOLIA3 Complex Composition Reveal a Growth Regulatory Mechanism in the Maize Leaf. <i>Plant Cell</i> , 2015 , 27, 1605-19	11.6	86
260	An organellar N-acetyltransferase, naa60, acetylates cytosolic N termini of transmembrane proteins and maintains Golgi integrity. <i>Cell Reports</i> , 2015 , 10, 1362-74	10.6	71
259	DYn-2 Based Identification of Arabidopsis Sulfenomes. <i>Molecular and Cellular Proteomics</i> , 2015 , 14, 1183-200	7.0	58
258	Protein Methionine Sulfoxide Dynamics in Arabidopsis thaliana under Oxidative Stress. <i>Molecular and Cellular Proteomics</i> , 2015 , 14, 1217-29	7.6	68
257	C-terminomics screen for natural substrates of cytosolic carboxypeptidase 1 reveals processing of acidic protein C termini. <i>Molecular and Cellular Proteomics</i> , 2015 , 14, 177-90	7.6	22
256	Cysteines under ROS attack in plants: a proteomics view. <i>Journal of Experimental Botany</i> , 2015 , 66, 2935-44	7.4	76
255	The iceLogo web server and SOAP service for determining protein consensus sequences. <i>Nucleic Acids Research</i> , 2015 , 43, W543-6	20.1	28
254	PepShell: visualization of conformational proteomics data. <i>Journal of Proteome Research</i> , 2015 , 14, 1987-90	5.0	2
253	Proteomic Identification of Cysteine Cathepsin Substrates Shed from the Surface of Cancer Cells. <i>Molecular and Cellular Proteomics</i> , 2015 , 14, 2213-28	7.6	68
252	A Repressor Protein Complex Regulates Leaf Growth in Arabidopsis. <i>Plant Cell</i> , 2015 , 27, 2273-87	11.6	71
251	Variable Glutamine-Rich Repeats Modulate Transcription Factor Activity. <i>Molecular Cell</i> , 2015 , 59, 615-27	7.6	69
250	The RING E3 Ligase KEEP ON GOING Modulates JASMONATE ZIM-DOMAIN12 Stability. <i>Plant Physiology</i> , 2015 , 169, 1405-17	6.6	50
249	Limited Proteolysis Combined with Stable Isotope Labeling Reveals Conformational Changes in Protein (Pseudo)kinases upon Binding Small Molecules. <i>Journal of Proteome Research</i> , 2015 , 14, 4179-93	5.6	4
248	Multiple mechanisms limit meiotic crossovers: TOP3 and two BLM homologs antagonize crossovers in parallel to FANCM. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015 , 112, 4713-8	11.5	87
247	Biochemical and cellular analysis of Ogden syndrome reveals downstream Nt-acetylation defects. <i>Human Molecular Genetics</i> , 2015 , 24, 1956-76	5.6	65
246	NBPF1, a tumor suppressor candidate in neuroblastoma, exerts growth inhibitory effects by inducing a G1 cell cycle arrest. <i>BMC Cancer</i> , 2015 , 15, 391	4.8	25
245	An improved toolbox to unravel the plant cellular machinery by tandem affinity purification of Arabidopsis protein complexes. <i>Nature Protocols</i> , 2015 , 10, 169-87	18.8	90
244	Plant hormone signalling through the eye of the mass spectrometer. <i>Proteomics</i> , 2015 , 15, 1113-26	4.8	10

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