

# John R Yates 3rd

## 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.

497 papers	54,603 citations	96 h-index	227 g-index
657 ext. papers	62,038 ext. citations	10.4 avg, IF	7.73 L-index

#	Paper	IF	Citations
497	Proteomic screen reveals diverse protein transport between connected neurons in the visual system.. <i>Cell Reports</i> , <b>2022</b> , 38, 110287	10.6	2
496	Intercepting IRE1 kinase-FMRP signaling prevents atherosclerosis progression.. <i>EMBO Molecular Medicine</i> , <b>2022</b> , e15344	12	2
495	Cancer Conformational Landscape Shape Tumorigenesis.. <i>Journal of Proteome Research</i> , <b>2022</b> ,	5.6	1
494	Quantitative BONCAT (QBONCAT) allows identification of newly synthesized proteins after optic nerve injury.. <i>Journal of Neuroscience</i> , <b>2022</b> ,	6.6	2
493	Targeted protein S-nitrosylation of ACE2 as potential treatment to prevent spread of SARS-CoV-2 infection. <b>2022</b> ,		1
492	Hexokinase 3 enhances myeloid cell survival via non-glycolytic functions.. <i>Cell Death and Disease</i> , <b>2022</b> , 13, 448	9.8	2
491	SMG1 and CDK12 Link Rpl63 Phosphorylation to RNA Surveillance in Keratinocytes. <i>Journal of Proteome Research</i> , <b>2021</b> , 20, 5347-5358	5.6	1
490	Interactome analysis illustrates diverse gene regulatory processes associated with LIN28A in human iPS cell-derived neural progenitor cells. <i>iScience</i> , <b>2021</b> , 24, 103321	6.1	
489	Glycoengineering of NK Cells with Glycan Ligands of CD22 and Selectins for B-Cell Lymphoma Therapy. <i>Angewandte Chemie</i> , <b>2021</b> , 133, 3647-3654	3.6	0
488	An APEX2 proximity ligation method for mapping interactions with the nuclear lamina. <i>Journal of Cell Biology</i> , <b>2021</b> , 220,	7.3	9
487	Regulation of ex-translational activities is the primary function of the multi-tRNA synthetase complex. <i>Nucleic Acids Research</i> , <b>2021</b> , 49, 3603-3616	20.1	7
486	S-nitrosylated TDP-43 triggers aggregation, cell-to-cell spread, and neurotoxicity in hiPSCs and in vivo models of ALS/FTD. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2021</b> , 118,	11.5	10
485	Site-Specific O-Glycosylation Analysis of SARS-CoV-2 Spike Protein Produced in Insect and Human Cells. <i>Viruses</i> , <b>2021</b> , 13,	6.2	23
484	Identification of sulfenylation patterns in trophozoite stage Plasmodium falciparum using a non-dimedone based probe. <i>Molecular and Biochemical Parasitology</i> , <b>2021</b> , 242, 111362	1.9	2
483	Borrelia burgdorferi infection modifies protein content in saliva of Ixodes scapularis nymphs. <i>BMC Genomics</i> , <b>2021</b> , 22, 152	4.5	3
482	Autism-linked Cullin3 germline haploinsufficiency impacts cytoskeletal dynamics and cortical neurogenesis through RhoA signaling. <i>Molecular Psychiatry</i> , <b>2021</b> , 26, 3586-3613	15.1	1
481	Altered network and rescue of human neurons derived from individuals with early-onset genetic epilepsy. <i>Molecular Psychiatry</i> , <b>2021</b> ,	15.1	11

480	Ciliary extracellular vesicles are distinct from the cytosolic extracellular vesicles. <i>Journal of Extracellular Vesicles</i> , <b>2021</b> , 10, e12086	16.4	5
479	Protein Footprinting via Covalent Protein Painting Reveals Structural Changes of the Proteome in Alzheimer's Disease. <i>Journal of Proteome Research</i> , <b>2021</b> , 20, 2762-2771	5.6	9
478	Aurora Kinase A proximity map reveals centriolar satellites as regulators of its ciliary function. <i>EMBO Reports</i> , <b>2021</b> , 22, e51902	6.5	2
477	Temporal Quantitative Profiling of Newly Synthesized Proteins during A $\beta$ Accumulation. <i>Journal of Proteome Research</i> , <b>2021</b> , 20, 763-775	5.6	3
476	Penicillium oxalicum secretomic analysis identify plant cell wall degrading enzymes important for fruit juice extraction. <i>Journal of Food Science and Technology</i> , <b>2021</b> , 58, 1764-1775	3.3	0
475	Noncanonical transnitrosylation network contributes to synapse loss in Alzheimer's disease. <i>Science</i> , <b>2021</b> , 371,	33.3	12
474	Glycoengineering of NK Cells with Glycan Ligands of CD22 and Selectins for B-Cell Lymphoma Therapy. <i>Angewandte Chemie - International Edition</i> , <b>2021</b> , 60, 3603-3610	16.4	13
473	HSP70 chaperones RNA-free TDP-43 into anisotropic intranuclear liquid spherical shells. <i>Science</i> , <b>2021</b> , 371,	33.3	73
472	The SARS-CoV-2 nucleocapsid phosphoprotein forms mutually exclusive condensates with RNA and the membrane-associated M protein. <i>Nature Communications</i> , <b>2021</b> , 12, 502	17.4	101
471	Site-specific O-glycosylation analysis of SARS-CoV-2 spike protein produced in insect and human cells <b>2021</b> ,		2
470	The RNA phosphatase PIR-1 regulates endogenous small RNA pathways in <i>C. elegans</i> . <i>Molecular Cell</i> , <b>2021</b> , 81, 546-557.e5	17.6	7
469	SNPC-1.3 is a sex-specific transcription factor that drives male piRNA expression in. <i>ELife</i> , <b>2021</b> , 10,	8.9	2
468	Exposure to a sublethal menadione concentration modifies the mycelial secretome and conidial enzyme activities of <i>Metarhizium anisopliae</i> sensu lato and increases its virulence against <i>Rhipicephalus microplus</i> . <i>Microbiological Research</i> , <b>2021</b> , 248, 126753	5.3	
467	Phenotypic and functional variation in venom and venom resistance of two sympatric rattlesnakes and their prey. <i>Journal of Evolutionary Biology</i> , <b>2021</b> , 34, 1447-1465	2.3	3
466	Cortical organoids model early brain development disrupted by 16p11.2 copy number variants in autism. <i>Molecular Psychiatry</i> , <b>2021</b> ,	15.1	6
465	Clathrin packets move in slow axonal transport and deliver functional payloads to synapses. <i>Neuron</i> , <b>2021</b> , 109, 2884-2901.e7	13.9	3
464	Coupling of spliceosome complexity to intron diversity. <i>Current Biology</i> , <b>2021</b> , 31, 4898-4910.e4	6.3	2
463	DeGlyPHER: An Ultrasensitive Method for the Analysis of Viral Spike -Glycoforms. <i>Analytical Chemistry</i> , <b>2021</b> , 93, 13651-13657	7.8	2

462	Cross-editing by a tRNA synthetase allows vertebrates to abundantly express mischargeable tRNA without causing mistranslation. <i>Nucleic Acids Research</i> , <b>2020</b> , 48, 6445-6457	20.1	7
461	HIV-1 Envelope and MPER Antibody Structures in Lipid Assemblies. <i>Cell Reports</i> , <b>2020</b> , 31, 107583	10.6	29
460	Proteomic Identification Reveals the Role of Ciliary Extracellular-Like Vesicle in Cardiovascular Function. <i>Advanced Science</i> , <b>2020</b> , 7, 1903140	13.6	3
459	Confronting Racism in Chemistry Journals. <i>ACS Applied Nano Materials</i> , <b>2020</b> , 3, 6131-6133	5.6	
458	Confronting Racism in Chemistry Journals. <i>ACS Applied Polymer Materials</i> , <b>2020</b> , 2, 2496-2498	4.3	
457	Impact of the Identification Strategy on the Reproducibility of the DDA and DIA Results. <i>Journal of Proteome Research</i> , <b>2020</b> , 19, 3153-3161	5.6	14
456	Confronting Racism in Chemistry Journals. <i>Organometallics</i> , <b>2020</b> , 39, 2331-2333	3.8	
455	PTPN22 phosphorylation acts as a molecular rheostat for the inhibition of TCR signaling. <i>Science Signaling</i> , <b>2020</b> , 13,	8.8	5
454	National Cancer Institute Think-Tank Meeting Report on Proteomic Cartography and Biomarkers at the Single-Cell Level: Interrogation of Premalignant Lesions. <i>Journal of Proteome Research</i> , <b>2020</b> , 19, 1900-1912	5.6	4
453	Proteomics of Select Neglected Tropical Diseases. <i>Annual Review of Analytical Chemistry</i> , <b>2020</b> , 13, 315-335	11.5	3
452	Unbiased Identification of trans Regulators of ADAR and A-to-I RNA Editing. <i>Cell Reports</i> , <b>2020</b> , 31, 107656	56.6	11
451	Proteomics Profiling of KAIMRC1 in Comparison to MDA-MB231 and MCF-7. <i>International Journal of Molecular Sciences</i> , <b>2020</b> , 21,	6.3	6
450	Update to Our Reader, Reviewer, and Author CommunitiesApril 2020. <i>Energy &amp; Fuels</i> , <b>2020</b> , 34, 5107-5108	4.1	
449	EThcD and 213 nm UVPD for Top-Down Analysis of Bovine Seminal Plasma Proteoforms on Electrophoretic and Chromatographic Time Frames. <i>Analytical Chemistry</i> , <b>2020</b> , 92, 2979-2987	7.8	13
448	Evolutionary Persistence of DNA Methylation for Millions of Years after Ancient Loss of a De Novo Methyltransferase. <i>Cell</i> , <b>2020</b> , 180, 263-277.e20	56.2	46
447	The Journey Is the Reward, a Taoist Proverb: John B. Fenn Award for Distinguished Contribution in Mass Spectrometry Lecture. <i>Journal of the American Society for Mass Spectrometry</i> , <b>2020</b> , 31, 1327-1336	3.5	
446	Amblyomma americanum serpin 41 (AAS41) inhibits inflammation by targeting chymase and chymotrypsin. <i>International Journal of Biological Macromolecules</i> , <b>2020</b> , 156, 1007-1021	7.9	8
445	Update to Our Reader, Reviewer, and Author CommunitiesApril 2020. <i>Organometallics</i> , <b>2020</b> , 39, 1665-1666	1.66	

444	Loss of MAGEL2 in Prader-Willi syndrome leads to decreased secretory granule and neuropeptide production. <i>JCI Insight</i> , <b>2020</b> , 5,	9.9	15
443	Time-resolved proteomic profile of Amblyomma americanum tick saliva during feeding. <i>PLoS Neglected Tropical Diseases</i> , <b>2020</b> , 14, e0007758	4.8	22
442	RNA promotes phase separation of glycolysis enzymes into yeast G bodies in hypoxia. <i>ELife</i> , <b>2020</b> , 9,	8.9	30
441	Confronting Racism in Chemistry Journals. <i>Journal of Chemical Health and Safety</i> , <b>2020</b> , 27, 198-200	1.7	
440	The INO80 Complex Regulates Epigenetic Inheritance of Heterochromatin. <i>Cell Reports</i> , <b>2020</b> , 33, 108561	10.6	5
439	Structural analysis of full-length SARS-CoV-2 spike protein from an advanced vaccine candidate <b>2020</b> ,		8
438	Function of the MYND Domain and C-Terminal Region in Regulating the Subcellular Localization and Catalytic Activity of the SMYD Family Lysine Methyltransferase Set5. <i>Molecular and Cellular Biology</i> , <b>2020</b> , 40,	4.8	7
437	Improving Proteomics Data Reproducibility with a Dual-Search Strategy. <i>Analytical Chemistry</i> , <b>2020</b> , 92, 1697-1701	7.8	3
436	Intracellular amyloid toxicity induces oxytosis/ferroptosis regulated cell death. <i>Cell Death and Disease</i> , <b>2020</b> , 11, 828	9.8	21
435	PASS-DIA: A Data-Independent Acquisition Approach for Discovery Studies. <i>Analytical Chemistry</i> , <b>2020</b> , 92, 14466-14475	7.8	8
434	Structural analysis of full-length SARS-CoV-2 spike protein from an advanced vaccine candidate. <i>Science</i> , <b>2020</b> , 370, 1089-1094	33.3	153
433	Expression of Amyloidogenic Transthyretin Drives Hepatic Proteostasis Remodeling in an Induced Pluripotent Stem Cell Model of Systemic Amyloid Disease. <i>Stem Cell Reports</i> , <b>2020</b> , 15, 515-528	8	4
432	Changes in porcine cauda epididymal fluid proteome by disrupting the HPT axis: Unveiling potential mechanisms of male infertility. <i>Molecular Reproduction and Development</i> , <b>2020</b> , 87, 952-965	2.6	0
431	Interlaboratory Study for Characterizing Monoclonal Antibodies by Top-Down and Middle-Down Mass Spectrometry. <i>Journal of the American Society for Mass Spectrometry</i> , <b>2020</b> , 31, 1783-1802	3.5	32
430	Visualization of the HIV-1 Env glycan shield across scales. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2020</b> , 117, 28014-28025	11.5	29
429	Quantitative analysis of global protein stability rates in tissues. <i>Scientific Reports</i> , <b>2020</b> , 10, 15983	4.9	5
428	Protein signatures of seminal plasma from bulls with contrasting frozen-thawed sperm viability. <i>Scientific Reports</i> , <b>2020</b> , 10, 14661	4.9	10
427	O-GlcNAcase targets pyruvate kinase M2 to regulate tumor growth. <i>Oncogene</i> , <b>2020</b> , 39, 560-573	9.2	16

426	Ready for the journey: a comparative proteome profiling of porcine cauda epididymal fluid and spermatozoa. <i>Cell and Tissue Research</i> , <b>2020</b> , 379, 389-405	4.2	5
425	Human Influenza Virus Hemagglutinins Contain Conserved Oligomannose N-Linked Glycans Allowing Potent Neutralization by Lectins. <i>Cell Host and Microbe</i> , <b>2020</b> , 27, 725-735.e5	23.4	12
424	A Hetero-Multimeric Chitinase-Containing and Ookinete-Secreted Protein Complex Involved in Mosquito Midgut Invasion. <i>Frontiers in Cellular and Infection Microbiology</i> , <b>2020</b> , 10, 615343	5.9	3
423	Proteomics of Rat Lungs Infected by Reveals a Potential Warburg-like Effect. <i>Journal of Proteome Research</i> , <b>2019</b> , 18, 3885-3895	5.6	10
422	The interactome of 2-Cys peroxiredoxins in Plasmodium falciparum. <i>Scientific Reports</i> , <b>2019</b> , 9, 13542	4.9	4
421	Mitogenic Signals Stimulate the CREB Coactivator CRTC3 through PP2A Recruitment. <i>IScience</i> , <b>2019</b> , 11, 134-145	6.1	10
420	The circadian E3 ligase complex SCF targets TLK2. <i>Scientific Reports</i> , <b>2019</b> , 9, 198	4.9	16
419	Proteomics INTEgrator (PINT): An Online Tool To Store, Query, and Visualize Large Proteomics Experiment Results. <i>Journal of Proteome Research</i> , <b>2019</b> , 18, 2999-3008	5.6	
418	Exploring protein myristoylation in Toxoplasma gondii. <i>Experimental Parasitology</i> , <b>2019</b> , 203, 8-18	2.1	4
417	DNA replication acts as an error correction mechanism to maintain centromere identity by restricting CENP-A to centromeres. <i>Nature Cell Biology</i> , <b>2019</b> , 21, 743-754	23.4	43
416	Identification of new transmembrane proteins concentrated at the nuclear envelope using organellar proteomics of mesenchymal cells. <i>Nucleus</i> , <b>2019</b> , 10, 126-143	3.9	13
415	A Non-Dicer RNase III and Four Other Novel Factors Required for RNAi-Mediated Transposon Suppression in the Human Pathogenic Yeast. <i>G3: Genes, Genomes, Genetics</i> , <b>2019</b> , 9, 2235-2244	3.2	11
414	A quantitation module for isotope-labeled peptides integrated into PatternLab for proteomics. <i>Journal of Proteomics</i> , <b>2019</b> , 202, 103371	3.9	0
413	Large-Scale Phosphoproteomics <b>2019</b> , 291-309		1
412	ProteinProtein Interactions <b>2019</b> , 125-144		1
411	Comparative Proteomic Analysis of Murine Cutaneous Lesions Induced by or. <i>ACS Infectious Diseases</i> , <b>2019</b> , 5, 1295-1305	5.5	4
410	A proteomic comparison of excretion/secretion products in Fasciola hepatica newly excysted juveniles (NEJ) derived from Lymnaea viatrix or Pseudosuccinea columella. <i>Experimental Parasitology</i> , <b>2019</b> , 201, 11-20	2.1	6
409	Phosphotyrosine-dependent interaction between the kinases PKC $\delta$ and Zap70 promotes proximal TCR signaling. <i>Science Signaling</i> , <b>2019</b> , 12,	8.8	8

408	Paip2 cooperates with Cbp80 at an active promoter and participates in RNA Polymerase II phosphorylation in Drosophila. <i>FEBS Letters</i> , <b>2019</b> , 593, 1102-1112	3.8	5
407	Proteomics of Communities: Metaproteomics. <i>Journal of Proteome Research</i> , <b>2019</b> , 18, 2359	5.6	5
406	Blood ant clotting activity of a Rhipicephalus microplus cathepsin L-like enzyme. <i>Biochimie</i> , <b>2019</b> , 163, 12-20	4.6	9
405	Tick GenB organ engagement in lipid metabolism revealed by a combined transcriptomic and proteomic approach. <i>Ticks and Tick-borne Diseases</i> , <b>2019</b> , 10, 787-797	3.6	9
404	Perm1 regulates CaMKII activation and shapes skeletal muscle responses to endurance exercise training. <i>Molecular Metabolism</i> , <b>2019</b> , 23, 88-97	8.8	12
403	Venom Composition in a Phenotypically Variable Pit Viper ( Trimeresurus insularis) across the Lesser Sunda Archipelago. <i>Journal of Proteome Research</i> , <b>2019</b> , 18, 2206-2220	5.6	13
402	Label-Free Proteomic Analysis Reveals Parasite-Specific Protein Alterations in Macrophages Following Leishmania amazonensis, Leishmania major, or Leishmania infantum Infection. <i>ACS Infectious Diseases</i> , <b>2019</b> , 5, 851-862	5.5	8
401	Comparison of CRISPR Genomic Tagging for Affinity Purification and Endogenous Immunoprecipitation Coupled with Quantitative Mass Spectrometry To Identify the Dynamic AMPK Interactome. <i>Journal of Proteome Research</i> , <b>2019</b> , 18, 3703-3714	5.6	3
400	Recent technical advances in proteomics. <i>F1000Research</i> , <b>2019</b> , 8,	3.6	33
399	Recent trends of capillary electrophoresis-mass spectrometry in proteomics research. <i>Mass Spectrometry Reviews</i> , <b>2019</b> , 38, 445-460	11	42
398	The Retinal Ganglion Cell Transportome Identifies Proteins Transported to Axons and Presynaptic Compartments in the Visual System In Vivo. <i>Cell Reports</i> , <b>2019</b> , 28, 1935-1947.e5	10.6	10
397	Dataset supporting the proteomic differences found between excretion/secretion products from two isolates of newly excysted juveniles (NEJ) derived from different snail hosts. <i>Data in Brief</i> , <b>2019</b> , 25, 104272	1.2	0
396	Exosomes regulate neurogenesis and circuit assembly. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2019</b> , 116, 16086-16094	11.5	93
395	Tandem Mass Tag Proteomic Analysis of and Models of Cutaneous Leishmaniasis Reveals Parasite-Specific and Nonspecific Modulation of Proteins in the Host. <i>ACS Infectious Diseases</i> , <b>2019</b> , 5, 2136-2147	5.5	5
394	Protein Analysis by Shotgun Proteomics <b>2019</b> , 1-38		3
393	Proteomic analyses reveal misregulation of LIN28 expression and delayed timing of glial differentiation in human iPS cells with MEC2 loss-of-function. <i>PLoS ONE</i> , <b>2019</b> , 14, e0212553	3.7	18
392	Integrative proteomics and pharmacogenomics analysis of methylphenidate treatment response. <i>Translational Psychiatry</i> , <b>2019</b> , 9, 308	8.6	1
391	Quantitative In Vivo Proteomics of Metformin Response in Liver Reveals AMPK-Dependent and -Independent Signaling Networks. <i>Cell Reports</i> , <b>2019</b> , 29, 3331-3348.e7	10.6	15



390	The KLDpT activation loop motif is critical for MARK kinase activity. <i>PLoS ONE</i> , <b>2019</b> , 14, e0225727	3.7	0
389	Characterization of a novel antioxidant peptide from feather keratin hydrolysates. <i>New Biotechnology</i> , <b>2019</b> , 49, 71-76	6.4	36
388	A posttranslational modification code for CFTR maturation is altered in cystic fibrosis. <i>Science Signaling</i> , <b>2019</b> , 12,	8.8	16
387	Secretomic analysis of <i>Beauveria bassiana</i> related to cattle tick, <i>Rhipicephalus microplus</i> , infection. <i>Folia Microbiologica</i> , <b>2019</b> , 64, 361-372	2.8	4
386	Zika Virus Infection of Human Mesenchymal Stem Cells Promotes Differential Expression of Proteins Linked to Several Neurological Diseases. <i>Molecular Neurobiology</i> , <b>2019</b> , 56, 4708-4717	6.2	24
385	CompIL 2.0: An Updated Comprehensive Metaproteomics Database. <i>Journal of Proteome Research</i> , <b>2019</b> , 18, 616-622	5.6	12
384	Understanding molecular mechanisms of disease through spatial proteomics. <i>Current Opinion in Chemical Biology</i> , <b>2019</b> , 48, 19-25	9.7	11
383	Mitogen-activated kinase kinase kinase 1 inhibits hedgehog signaling and medulloblastoma growth through GLI1 phosphorylation. <i>International Journal of Oncology</i> , <b>2019</b> , 54, 505-514	4.4	14
382	Increased proteomic complexity in hybrids during development. <i>Science Advances</i> , <b>2018</b> , 4, eaao3424	14.3	8
381	Spliceosome Profiling Visualizes Operations of a Dynamic RNP at Nucleotide Resolution. <i>Cell</i> , <b>2018</b> , 173, 1014-1030.e17	56.2	27
380	Global site-specific analysis of glycoprotein N-glycan processing. <i>Nature Protocols</i> , <b>2018</b> , 13, 1196-1212	18.8	40
379	PACOM: A Versatile Tool for Integrating, Filtering, Visualizing, and Comparing Multiple Large Mass Spectrometry Proteomics Data Sets. <i>Journal of Proteome Research</i> , <b>2018</b> , 17, 1547-1558	5.6	6
378	A proteomic insight into vitellogenesis during tick ovary maturation. <i>Scientific Reports</i> , <b>2018</b> , 8, 4698	4.9	21
377	Expression profile of <i>Rhipicephalus microplus</i> vitellogenin receptor during oogenesis. <i>Ticks and Tick-borne Diseases</i> , <b>2018</b> , 9, 72-81	3.6	19
376	The human naive B cell repertoire contains distinct subclasses for a germline-targeting HIV-1 vaccine immunogen. <i>Science Translational Medicine</i> , <b>2018</b> , 10,	17.5	62
375	Quantitative analysis of newly synthesized proteins. <i>Nature Protocols</i> , <b>2018</b> , 13, 1744-1762	18.8	18
374	An overview of Phoneutria nigriventer spider venom using combined transcriptomic and proteomic approaches. <i>PLoS ONE</i> , <b>2018</b> , 13, e0200628	3.7	22
373	Proteomics and pulse azidohomoalanine labeling of newly synthesized proteins: what are the potential applications?. <i>Expert Review of Proteomics</i> , <b>2018</b> , 15, 545-554	4.2	15



372	Quantitative temporal analysis of protein dynamics in cardiac remodeling. <i>Journal of Molecular and Cellular Cardiology</i> , <b>2018</b> , 121, 163-172	5.8	16
371	PML Recruits TET2 to Regulate DNA Modification and Cell Proliferation in Response to Chemotherapeutic Agent. <i>Cancer Research</i> , <b>2018</b> , 78, 2475-2489	10.1	11
370	Regulated nuclear accumulation of a histone methyltransferase times the onset of heterochromatin formation in embryos. <i>Science Advances</i> , <b>2018</b> , 4, eaat6224	14.3	35
369	Structural Analysis of Hippocampal Kinase Signal Transduction. <i>ACS Chemical Neuroscience</i> , <b>2018</b> , 9, 3072-3085	5.7	2
368	CBD-1 organizes two independent complexes required for eggshell vitelline layer formation and egg activation in <i>C. elegans</i> . <i>Developmental Biology</i> , <b>2018</b> , 442, 288-300	3.1	5
367	NRDE-2, the human homolog of fission yeast Nrl1, prevents DNA damage accumulation in human cells. <i>RNA Biology</i> , <b>2018</b> , 15, 868-876	4.8	9
366	Control of seed dormancy and germination by DOG1-AHG1 PP2C phosphatase complex via binding to heme. <i>Nature Communications</i> , <b>2018</b> , 9, 2132	17.4	77
365	Deducing the presence of proteins and proteoforms in quantitative proteomics. <i>Nature Communications</i> , <b>2018</b> , 9, 2320	17.4	13
364	SHMT2 and the BRCC36/BRISC deubiquitinase regulate HIV-1 Tat K63-ubiquitylation and destruction by autophagy. <i>PLoS Pathogens</i> , <b>2018</b> , 14, e1007071	7.6	23
363	Interactome analysis of the lymphocytic choriomeningitis virus nucleoprotein in infected cells reveals ATPase Na <sup>+</sup> /K <sup>+</sup> transporting subunit Alpha 1 and prohibitin as host-cell factors involved in the life cycle of mammarenaviruses. <i>PLoS Pathogens</i> , <b>2018</b> , 14, e1006892	7.6	22
362	Defective RNA polymerase III is negatively regulated by the SUMO-Ubiquitin-Cdc48 pathway. <i>ELife</i> , <b>2018</b> , 7,	8.9	15
361	Validation of In Vivo Protein Surface Accessibility Method. <i>FASEB Journal</i> , <b>2018</b> , 32, 802.12	0.9	
360	Identification and characterization of proteins in the <i>Amblyomma americanum</i> tick cement cone. <i>International Journal for Parasitology</i> , <b>2018</b> , 48, 211-224	4.3	17
359	From Synapse to Function: A Perspective on the Role of Neuroproteomics in Elucidating Mechanisms of Drug Addiction. <i>Proteomes</i> , <b>2018</b> , 6,	4.6	4
358	Content Is King: Databases Preserve the Collective Information of Science. <i>Journal of Biomolecular Techniques</i> , <b>2018</b> , 29, 1-3	1.1	
357	Integrated In Vivo Quantitative Proteomics and Nutrient Tracing Reveals Age-Related Metabolic Rewiring of Pancreatic $\beta$ Cell Function. <i>Cell Reports</i> , <b>2018</b> , 25, 2904-2918.e8	10.6	29
356	Proteomic analysis identifies highly expressed plasma membrane proteins for detection and therapeutic targeting of specific breast cancer subtypes. <i>Clinical Proteomics</i> , <b>2018</b> , 15, 30	5	6
355	DAF-16/FOXO and HLH-30/TFEB function as combinatorial transcription factors to promote stress resistance and longevity. <i>Nature Communications</i> , <b>2018</b> , 9, 4400	17.4	66

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