

# Jeroen A A Demmers

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6586458/publications.pdf>

Version: 2024-02-01

188  
papers

15,296  
citations

23567

58  
h-index

20961

115  
g-index

205  
all docs

205  
docs citations

205  
times ranked

28211  
citing authors

#	ARTICLE	IF	CITATIONS
1	Dipeptidyl peptidase 4 is a functional receptor for the emerging human coronavirus-EMC. <i>Nature</i> , 2013, 495, 251-254.	27.8	1,731
2	Dynamic Microtubules Regulate Dendritic Spine Morphology and Synaptic Plasticity. <i>Neuron</i> , 2009, 61, 85-100.	8.1	570
3	RYBP-PRC1 Complexes Mediate H2A Ubiquitylation at Polycomb Target Sites Independently of PRC2 and H3K27me3. <i>Cell</i> , 2012, 148, 664-678.	28.9	513
4	An Oct4-Centered Protein Interaction Network in Embryonic Stem Cells. <i>Cell Stem Cell</i> , 2010, 6, 369-381.	11.1	496
5	Exosome-mediated transmission of hepatitis C virus between human hepatoma Huh7.5 cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 13109-13113.	7.1	422
6	STIM1 Is a MT-Plus-End-Tracking Protein Involved in Remodeling of the ER. <i>Current Biology</i> , 2008, 18, 177-182.	3.9	378
7	Dynamic assembly of end-joining complexes requires interaction between Ku70/80 and XRCC4. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 18597-18602.	7.1	337
8	TRAK/Milton Motor-Adaptor Proteins Steer Mitochondrial Trafficking to Axons and Dendrites. <i>Neuron</i> , 2013, 77, 485-502.	8.1	336
9	Rab6 Regulates Transport and Targeting of Exocytotic Carriers. <i>Developmental Cell</i> , 2007, 13, 305-314.	7.0	295
10	CLASPs Attach Microtubule Plus Ends to the Cell Cortex through a Complex with LL51 <sup>2</sup> . <i>Developmental Cell</i> , 2006, 11, 21-32.	7.0	288
11	Jarid2 is a PRC2 component in embryonic stem cells required for multi-lineage differentiation and recruitment of PRC1 and RNA Polymerase II to developmental regulators. <i>Nature Cell Biology</i> , 2010, 12, 618-624.	10.3	274
12	Bicaudal D2, Dynein, and Kinesin-1 Associate with Nuclear Pore Complexes and Regulate Centrosome and Nuclear Positioning during Mitotic Entry. <i>PLoS Biology</i> , 2010, 8, e1000350.	5.6	268
13	Interfacial Anchor Properties of Tryptophan Residues in Transmembrane Peptides Can Dominate over Hydrophobic Matching Effects in Peptide-Lipid Interactions. <i>Biochemistry</i> , 2003, 42, 5341-5348.	2.5	251
14	BICD2, dynactin, and LIS1 cooperate in regulating dynein recruitment to cellular structures. <i>Molecular Biology of the Cell</i> , 2012, 23, 4226-4241.	2.1	231
15	Sox2 cooperates with Chd7 to regulate genes that are mutated in human syndromes. <i>Nature Genetics</i> , 2011, 43, 607-611.	21.4	230
16	dKDM2 couples histone H2A ubiquitylation to histone H3 demethylation during Polycomb group silencing. <i>Genes and Development</i> , 2008, 22, 2799-2810.	5.9	229
17	UV-sensitive syndrome protein UVSSA recruits USP7 to regulate transcription-coupled repair. <i>Nature Genetics</i> , 2012, 44, 598-602.	21.4	213
18	The core spliceosome as target and effector of non-canonical ATM signalling. <i>Nature</i> , 2015, 523, 53-58.	27.8	212

#	ARTICLE	IF	CITATIONS
19	Return to quiescence of mouse neural stem cells by degradation of a proactivation protein. <i>Science</i> , 2016, 353, 292-295.	12.6	204
20	Motor Neuron Disease-Associated Mutant Vesicle-Associated Membrane Protein-Associated Protein (VAP) B Recruits Wild-Type VAPs into Endoplasmic Reticulum-Derived Tubular Aggregates. <i>Journal of Neuroscience</i> , 2007, 27, 9801-9815.	3.6	203
21	Proteomics Analysis of Ring1B/Rnf2 Interactors Identifies a Novel Complex with the Fbxl10/Jhdml1B Histone Demethylase and the Bcl6 Interacting Corepressor. <i>Molecular and Cellular Proteomics</i> , 2007, 6, 820-834.	3.8	202
22	RNF12 initiates X-chromosome inactivation by targeting REX1 for degradation. <i>Nature</i> , 2012, 485, 386-390.	27.8	197
23	The BAF Complex Interacts with Pax6 in Adult Neural Progenitors to Establish a Neurogenic Cross-Regulatory Transcriptional Network. <i>Cell Stem Cell</i> , 2013, 13, 403-418.	11.1	196
24	A Proteome-wide Screen for Mammalian SxIP Motif-Containing Microtubule Plus-End Tracking Proteins. <i>Current Biology</i> , 2012, 22, 1800-1807.	3.9	192
25	Rab6, Rab8, and MICAL3 Cooperate in Controlling Docking and Fusion of Exocytotic Carriers. <i>Current Biology</i> , 2011, 21, 967-974.	3.9	167
26	CFEOM1-Associated Kinesin KIF21A Is a Cortical Microtubule Growth Inhibitor. <i>Developmental Cell</i> , 2013, 27, 145-160.	7.0	157
27	Homozygous Mutations in CSF1R Cause a Pediatric-Onset Leukoencephalopathy and Can Result in Congenital Absence of Microglia. <i>American Journal of Human Genetics</i> , 2019, 104, 936-947.	6.2	157
28	An organoid-derived bronchioalveolar model for SARS-CoV-2 infection of human alveolar type II-like cells. <i>EMBO Journal</i> , 2021, 40, e105912.	7.8	153
29	Estrogen-Related Receptor Beta Interacts with Oct4 To Positively Regulate <i>Nanog</i> Gene Expression. <i>Molecular and Cellular Biology</i> , 2008, 28, 5986-5995.	2.3	145
30	Histone Chaperones ASF1 and NAP1 Differentially Modulate Removal of Active Histone Marks by LID-RPD3 Complexes during NOTCH Silencing. <i>Molecular Cell</i> , 2009, 35, 782-793.	9.7	142
31	Identification of delta/notch-like epidermal growth factor-related receptor as the Tr antigen in paraneoplastic cerebellar degeneration. <i>Annals of Neurology</i> , 2012, 71, 815-824.	5.3	136
32	MiR-17/20/93/106 promote hematopoietic cell expansion by targeting sequestosome 1-regulated pathways in mice. <i>Blood</i> , 2011, 118, 916-925.	1.4	133
33	ALS-associated mutations in FUS disrupt the axonal distribution and function of SMN. <i>Human Molecular Genetics</i> , 2013, 22, 3690-3704.	2.9	130
34	SLAIN2 links microtubule plus end-tracking proteins and controls microtubule growth in interphase. <i>Journal of Cell Biology</i> , 2011, 193, 1083-1099.	5.2	116
35	Comparative interactomics analysis of different ALS-associated proteins identifies converging molecular pathways. <i>Acta Neuropathologica</i> , 2016, 132, 175-196.	7.7	113
36	A direct physical interaction between Nanog and Sox2 regulates embryonic stem cell self-renewal. <i>EMBO Journal</i> , 2013, 32, 2231-2247.	7.8	111

#	ARTICLE	IF	CITATIONS
37	Factors Affecting Gas-Phase Deuterium Scrambling in Peptide Ions and Their Implications for Protein Structure Determination. <i>Journal of the American Chemical Society</i> , 2002, 124, 11191-11198.	13.7	106
38	RAD51AP1 Is a Structure-Specific DNA Binding Protein that Stimulates Joint Molecule Formation during RAD51-Mediated Homologous Recombination. <i>Molecular Cell</i> , 2007, 28, 468-481.	9.7	105
39	BRCA1185delAG tumors may acquire therapy resistance through expression of RING-less BRCA1. <i>Journal of Clinical Investigation</i> , 2016, 126, 2903-2918.	8.2	105
40	NMDA Receptor Activation Suppresses Microtubule Growth and Spine Entry. <i>Journal of Neuroscience</i> , 2011, 31, 8194-8209.	3.6	101
41	Nuclear Receptors TR2 and TR4 Recruit Multiple Epigenetic Transcriptional Corepressors That Associate Specifically with the Embryonic $\beta^2$ -Type Globin Promoters in Differentiated Adult Erythroid Cells. <i>Molecular and Cellular Biology</i> , 2011, 31, 3298-3311.	2.3	98
42	Liprin- $\beta$ 2 promotes the presynaptic recruitment and turnover of RIM1/CASK to facilitate synaptic transmission. <i>Journal of Cell Biology</i> , 2013, 201, 915-928.	5.2	98
43	Nucleotide Biosynthetic Enzyme GMP Synthase Is a TRIM21-Controlled Relay of p53 Stabilization. <i>Molecular Cell</i> , 2014, 53, 458-470.	9.7	94
44	RIF1 promotes replication fork protection and efficient restart to maintain genome stability. <i>Nature Communications</i> , 2019, 10, 3287.	12.8	91
45	VEGFR2 Translocates to the Nucleus to Regulate Its Own Transcription. <i>PLoS ONE</i> , 2011, 6, e25668.	2.5	86
46	Proteins that bind regulatory regions identified by histone modification chromatin immunoprecipitations and mass spectrometry. <i>Nature Communications</i> , 2015, 6, 7155.	12.8	86
47	Polycomblike 2 facilitates the recruitment of PRC2 Polycomb group complexes to the inactive X chromosome and to target loci in embryonic stem cells. <i>Development (Cambridge)</i> , 2011, 138, 1471-1482.	2.5	85
48	Identification of differential protein interactors of lamin A and progerin. <i>Nucleus</i> , 2010, 1, 513-525.	2.2	81
49	CTCF regulates the local epigenetic state of ribosomal DNA repeats. <i>Epigenetics and Chromatin</i> , 2010, 3, 19.	3.9	80
50	The Transcriptional Coactivator SAYP Is a Trithorax Group Signature Subunit of the PBAP Chromatin Remodeling Complex. <i>Molecular and Cellular Biology</i> , 2008, 28, 2920-2929.	2.3	79
51	Exportin 4 mediates a novel nuclear import pathway for Sox family transcription factors. <i>Journal of Cell Biology</i> , 2009, 185, 27-34.	5.2	73
52	Dynamic Microtubules Catalyze Formation of Navigator-TRIO Complexes to Regulate Neurite Extension. <i>Current Biology</i> , 2014, 24, 1778-1785.	3.9	73
53	The expanded clinical spectrum of anti-GABABR encephalitis and added value of KCTD16 autoantibodies. <i>Brain</i> , 2019, 142, 1631-1643.	7.6	73
54	Proteomic signatures of extracellular vesicles secreted by nonmineralizing and mineralizing human osteoblasts and stimulation of tumor cell growth. <i>FASEB Journal</i> , 2015, 29, 274-285.	0.5	72

#	ARTICLE	IF	CITATIONS
55	Remodelers Organize Cellular Chromatin by Counteracting Intrinsic Histone-DNA Sequence Preferences in a Class-Specific Manner. <i>Molecular and Cellular Biology</i> , 2012, 32, 675-688.	2.3	70
56	Elevated Plasma Cardiac Troponin T Levels Caused by Skeletal Muscle Damage in Pompe Disease. <i>Circulation: Cardiovascular Genetics</i> , 2016, 9, 6-13.	5.1	70
57	Control of developmentally primed erythroid genes by combinatorial co-repressor actions. <i>Nature Communications</i> , 2015, 6, 8893.	12.8	67
58	Interfacial Positioning and Stability of Transmembrane Peptides in Lipid Bilayers Studied by Combining Hydrogen/Deuterium Exchange and Mass Spectrometry. <i>Journal of Biological Chemistry</i> , 2001, 276, 34501-34508.	3.4	66
59	Independent Mechanisms Target SMCHD1 to Trimethylated Histone H3 Lysine 9-Modified Chromatin and the Inactive X Chromosome. <i>Molecular and Cellular Biology</i> , 2015, 35, 4053-4068.	2.3	66
60	Isolation of Functional Tubulin Dimers and of Tubulin-Associated Proteins from Mammalian Cells. <i>Current Biology</i> , 2016, 26, 1728-1736.	3.9	66
61	Interactions between Phage-Shock Proteins in <i>Escherichia coli</i> . <i>Journal of Bacteriology</i> , 2003, 185, 1174-1180.	2.2	64
62	Sin3a is essential for the genome integrity and viability of pluripotent cells. <i>Developmental Biology</i> , 2012, 363, 62-73.	2.0	62
63	Proteomics of Urinary Vesicles Links Plakins and Complement to Polycystic Kidney Disease. <i>Journal of the American Society of Nephrology: JASN</i> , 2016, 27, 3079-3092.	6.1	58
64	Interaction of the K <sup>+</sup> channel KcsA with membrane phospholipids as studied by ESI mass spectrometry. <i>FEBS Letters</i> , 2003, 541, 28-32.	2.8	57
65	Activin A Suppresses Osteoblast Mineralization Capacity by Altering Extracellular Matrix (ECM) Composition and Impairing Matrix Vesicle (MV) Production. <i>Molecular and Cellular Proteomics</i> , 2013, 12, 2890-2900.	3.8	57
66	Sp1/Sp3 transcription factors regulate hallmarks of megakaryocyte maturation and platelet formation and function. <i>Blood</i> , 2015, 125, 1957-1967.	1.4	57
67	The GRIP1/14-3-3 Pathway Coordinates Cargo Trafficking and Dendrite Development. <i>Developmental Cell</i> , 2014, 28, 381-393.	7.0	55
68	CAMK2-Dependent Signaling in Neurons Is Essential for Survival. <i>Journal of Neuroscience</i> , 2019, 39, 5424-5439.	3.6	55
69	Nipbl Interacts with Zfp609 and the Integrator Complex to Regulate Cortical Neuron Migration. <i>Neuron</i> , 2017, 93, 348-361.	8.1	54
70	DNA damage-induced histone H1 ubiquitylation is mediated by HUWE1 and stimulates the RNF8-RNF168 pathway. <i>Scientific Reports</i> , 2017, 7, 15353.	3.3	54
71	Proteomic analysis of FOXP proteins reveals interactions between cortical transcription factors associated with neurodevelopmental disorders. <i>Human Molecular Genetics</i> , 2018, 27, 1212-1227.	2.9	53
72	Mediator complex interaction partners organize the transcriptional network that defines neural stem cells. <i>Nature Communications</i> , 2019, 10, 2669.	12.8	53

#	ARTICLE	IF	CITATIONS
73	Five Friends of Methylated Chromatin Target of Protein-Arginine-Methyltransferase [Prmt]-1 (Chtop), a Complex Linking Arginine Methylation to Desumoylation. <i>Molecular and Cellular Proteomics</i> , 2012, 11, 1263-1273.	3.8	50
74	Combgap contributes to recruitment of Polycomb group proteins in <i>Drosophila</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 3826-3831.	7.1	50
75	Electrospray ionization mass spectrometry as a tool to analyze hydrogen/deuterium exchange kinetics of transmembrane peptides in lipid bilayers. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2000, 97, 3189-3194.	7.1	50
76	HSF2BP Interacts with a Conserved Domain of BRCA2 and Is Required for Mouse Spermatogenesis. <i>Cell Reports</i> , 2019, 27, 3790-3798.e7.	6.4	49
77	GSK3 $\beta$ Phosphorylates Newly Identified Site in the Proline-Alanine-Rich Region of Cardiac Myosin-Binding Protein C and Alters Cross-Bridge Cycling Kinetics in Human. <i>Circulation Research</i> , 2013, 112, 633-639.	4.5	48
78	DOC1-Dependent Recruitment of NURD Reveals Antagonism with SWI/SNF during Epithelial-Mesenchymal Transition in Oral Cancer Cells. <i>Cell Reports</i> , 2017, 20, 61-75.	6.4	48
79	Loss of SMPD4 Causes a Developmental Disorder Characterized by Microcephaly and Congenital Arthrogryposis. <i>American Journal of Human Genetics</i> , 2019, 105, 689-705.	6.2	48
80	Talking to chromatin: post-translational modulation of polycomb group function. <i>Epigenetics and Chromatin</i> , 2009, 2, 10.	3.9	47
81	Decreased mitochondrial respiration in aneurysmal aortas of Fibulin-4 mutant mice is linked to PGC1A regulation. <i>Cardiovascular Research</i> , 2018, 114, 1776-1793.	3.8	47
82	Friend of Prmt1, a Novel Chromatin Target of Protein Arginine Methyltransferases. <i>Molecular and Cellular Biology</i> , 2010, 30, 260-272.	2.3	46
83	Identification of Fibrin Clot-Bound Plasma Proteins. <i>PLoS ONE</i> , 2012, 7, e41966.	2.5	46
84	Proteomic analysis of the microenvironment of developing oocytes. <i>Proteomics</i> , 2012, 12, 1463-1471.	2.2	46
85	Subdomain-Mediated Axon-Axon Signaling and Chemoattraction Cooperate to Regulate Afferent Innervation of the Lateral Habenula. <i>Neuron</i> , 2014, 83, 372-387.	8.1	46
86	Lrig2 Negatively Regulates Ectodomain Shedding of Axon Guidance Receptors by ADAM Proteases. <i>Developmental Cell</i> , 2015, 35, 537-552.	7.0	46
87	Mass Spectrometric Identification of Human Prostate Cancer-derived Proteins in Serum of Xenograft-bearing Mice. <i>Molecular and Cellular Proteomics</i> , 2006, 5, 1830-1839.	3.8	45
88	ATAC and Mediator coactivators form a stable complex and regulate a set of non-coding RNA genes. <i>EMBO Reports</i> , 2010, 11, 541-547.	4.5	44
89	Detection of Alpha-Toxin and Other Virulence Factors in Biofilms of <i>Staphylococcus aureus</i> on Polystyrene and a Human Epidermal Model. <i>PLoS ONE</i> , 2016, 11, e0145722.	2.5	44
90	<i>Drosophila</i> Transcription Factor Tramtrack69 Binds MEP1 To Recruit the Chromatin Remodeler NuRD. <i>Molecular and Cellular Biology</i> , 2010, 30, 5234-5244.	2.3	43

#	ARTICLE	IF	CITATIONS
91	<scp>DNA</scp> damage-induced replication stress results in <scp>PA</scp> 200â€™proteasome-mediated degradation of acetylated histones. EMBO Reports, 2018, 19, .	4.5	42
92	Excessive exosome release is the pathogenic pathway linking a lysosomal deficiency to generalized fibrosis. Science Advances, 2019, 5, eaav3270.	10.3	42
93	Elongation factor ELOF1 drives transcription-coupled repair and prevents genome instability. Nature Cell Biology, 2021, 23, 608-619.	10.3	41
94	Unraveling the Human Bone Microenvironment beyond the Classical Extracellular Matrix Proteins: A Human Bone Protein Library. Journal of Proteome Research, 2011, 10, 4725-4733.	3.7	39
95	A Functional Insulator Screen Identifies NURF and dREAM Components to Be Required for Enhancer-Blocking. PLoS ONE, 2014, 9, e107765.	2.5	39
96	Identification of the (Pro)renin Receptor as a Novel Regulator of Low-Density Lipoprotein Metabolism. Circulation Research, 2016, 118, 222-229.	4.5	37
97	Transcription-Independent Function of Polycomb Group Protein PSC in Cell Cycle Control. Science, 2012, 336, 744-747.	12.6	36
98	Improvement of ubiquitylation site detection by Orbitrap mass spectrometry. Journal of Proteomics, 2018, 172, 49-56.	2.4	33
99	FACT subunit Spt16 controls UVSSA recruitment to lesion-stalled RNA Pol II and stimulates TC-NER. Nucleic Acids Research, 2019, 47, 4011-4025.	14.5	33
100	A Novel Complex, RUNX1-MYEF2, Represses Hematopoietic Genes in Erythroid Cells. Molecular and Cellular Biology, 2012, 32, 3814-3822.	2.3	32
101	Locus-Specific Proteomics by TChP: Targeted Chromatin Purification. Cell Reports, 2013, 4, 589-600.	6.4	32
102	REX1 is the critical target of RNF12 in imprinted X chromosome inactivation in mice. Nature Communications, 2018, 9, 4752.	12.8	32
103	Photo-Crosslinking Analysis of Preferential Interactions between a Transmembrane Peptide and Matching Lipids. Biochemistry, 2004, 43, 4482-4489.	2.5	31
104	Protein 4.1R binds to CLASP2 and regulates dynamics, organization and attachment of microtubules to the cell cortex. Journal of Cell Science, 2013, 126, 4589-601.	2.0	31
105	Guide-free Cas9 from pathogenic <i>Campylobacter jejuni</i> bacteria causes severe damage to DNA. Science Advances, 2020, 6, eaaz4849.	10.3	31
106	Differential Proteomics Based on <sup>18</sup> O Labeling to Determine the Cyclin Dependent Kinase 9 Interactome. Journal of Proteome Research, 2010, 9, 4464-4475.	3.7	30
107	Subunits of the Histone Chaperone CAF1 Also Mediate Assembly of Protamine-Based Chromatin. Cell Reports, 2013, 4, 59-65.	6.4	30
108	Myosin V regulates synaptopodin clustering and localization in dendrites of hippocampal neurons. Journal of Cell Science, 2019, 132, .	2.0	30



#	ARTICLE	IF	CITATIONS
109	A Testis-Specific Chaperone and the Chromatin Remodeler ISWI Mediate Repackaging of the Paternal Genome. <i>Cell Reports</i> , 2015, 13, 1310-1318.	6.4	29
110	Phosphorylation-Mediated Control of Histone Chaperone ASF1 Levels by Tausled-Like Kinases. <i>PLoS ONE</i> , 2009, 4, e8328.	2.5	28
111	A20-binding Inhibitor of Nuclear Factor- $\kappa$ B (NF- $\kappa$ B)-2 (ABIN-2) Is an Activator of Inhibitor of NF- $\kappa$ B (I $\kappa$ B) Kinase $\beta$ (IKK $\beta$ )-mediated NF- $\kappa$ B Transcriptional Activity. <i>Journal of Biological Chemistry</i> , 2011, 286, 32277-32288.	3.4	28
112	The CUE1 domain of the SNF2-like chromatin remodeler SMARCAD1 mediates its association with KRAB-associated protein 1 (KAP1) and KAP1 target genes. <i>Journal of Biological Chemistry</i> , 2018, 293, 2711-2724.	3.4	28
113	The splicing factor XAB2 interacts with ERCC1-XPF and XPG for R-loop processing. <i>Nature Communications</i> , 2021, 12, 3153.	12.8	27
114	Targeted proteomics as a tool to detect SARS-CoV-2 proteins in clinical specimens. <i>PLoS ONE</i> , 2021, 16, e0259165.	2.5	27
115	A new function of ROD1 in nonsense-mediated mRNA decay. <i>FEBS Letters</i> , 2012, 586, 1101-1110.	2.8	26
116	Global Proteome and Ubiquitinome Changes in the Soluble and Insoluble Fractions of Q175 Huntington Mice Brains. <i>Molecular and Cellular Proteomics</i> , 2019, 18, 1705-1720.	3.8	26
117	An immunoaffinity purification method for the proteomic analysis of ubiquitinated protein complexes. <i>Analytical Biochemistry</i> , 2013, 440, 227-236.	2.4	25
118	The lethal response to Cdk1 inhibition depends on sister chromatid alignment errors generated by KIF4 and isoform 1 of PRC1. <i>Scientific Reports</i> , 2015, 5, 14798.	3.3	25
119	Proteomic profiling of the spinal cord in ALS: decreased ATP5D levels suggest synaptic dysfunction in ALS pathogenesis. <i>Amyotrophic Lateral Sclerosis and Frontotemporal Degeneration</i> , 2017, 18, 210-220.	1.7	25
120	Identification by a differential proteomic approach of the induced stress and redox proteins by resveratrol in the normal and diabetic rat heart. <i>Journal of Cellular and Molecular Medicine</i> , 2008, 12, 1677-1689.	3.6	23
121	A systems approach to analyze transcription factors in mammalian cells. <i>Methods</i> , 2011, 53, 151-162.	3.8	23
122	Comparative proteomic profiling of human osteoblast-derived extracellular matrices identifies proteins involved in mesenchymal stromal cell osteogenic differentiation and mineralization. <i>Journal of Cellular Physiology</i> , 2018, 233, 387-395.	4.1	23
123	An interaction network of mental disorder proteins in neural stem cells. <i>Translational Psychiatry</i> , 2017, 7, e1082-e1082.	4.8	22
124	Quantitative Proteomics Reveals Extensive Changes in the Ubiquitinome after Perturbation of the Proteasome by Targeted dsRNA-Mediated Subunit Knockdown in <i>Drosophila</i> . <i>Journal of Proteome Research</i> , 2017, 16, 2848-2862.	3.7	22
125	Heterogeneous clinical phenotypes and cerebral malformations reflected by rotatin cellular dynamics. <i>Brain</i> , 2019, 142, 867-884.	7.6	22
126	Mutation specific functions of EGFR result in a mutation-specific downstream pathway activation. <i>European Journal of Cancer</i> , 2015, 51, 893-903.	2.8	21



#	ARTICLE	IF	CITATIONS
127	Histone Chaperone NAP1 Mediates Sister Chromatid Resolution by Counteracting Protein Phosphatase 2A. <i>PLoS Genetics</i> , 2013, 9, e1003719.	3.5	19
128	Preconception folic acid use influences the follicle fluid proteome. <i>European Journal of Clinical Investigation</i> , 2015, 45, 833-841.	3.4	19
129	The dual role of LSD1 and HDAC3 in STAT5-dependent transcription is determined by protein interactions, binding affinities, motifs and genomic positions. <i>Nucleic Acids Research</i> , 2017, 45, 142-154.	14.5	19
130	Human Osteoblast-Derived Extracellular Matrix with High Homology to Bone Proteome Is Osteopromotive. <i>Tissue Engineering - Part A</i> , 2018, 24, 1377-1389.	3.1	18
131	Deubiquitylating Enzyme UBP64 Controls Cell Fate through Stabilization of the Transcriptional Repressor Tramtrack. <i>Molecular and Cellular Biology</i> , 2008, 28, 1606-1615.	2.3	17
132	Integrative Analysis of Genomics and Proteomics Data on Clinical Breast Cancer Tissue Specimens Extracted with Acid Guanidinium Thiocyanate-Phenol-Chloroform. <i>Journal of Proteome Research</i> , 2015, 14, 1627-1636.	3.7	17
133	In vivo analysis reveals that ATP-hydrolysis couples remodeling to SWI/SNF release from chromatin. <i>ELife</i> , 2021, 10, .	6.0	17
134	The DNA binding factor Hmg20b is a repressor of erythroid differentiation. <i>Haematologica</i> , 2011, 96, 1252-1260.	3.5	16
135	On the Mechanism of Hyperthermia-Induced BRCA2 Protein Degradation. <i>Cancers</i> , 2019, 11, 97.	3.7	16
136	An evolutionarily ancient mechanism for regulation of hemoglobin expression in vertebrate red cells. <i>Blood</i> , 2020, 136, 269-278.	1.4	16
137	Active DNA damage eviction by HLTf stimulates nucleotide excision repair. <i>Molecular Cell</i> , 2022, 82, 1343-1358.e8.	9.7	16
138	SMARCAD1-mediated active replication fork stability maintains genome integrity. <i>Science Advances</i> , 2021, 7, .	10.3	15
139	Further analysis of the involvement of the envelope anion channel PIRAC in chloroplast protein import. <i>FEBS Journal</i> , 2000, 267, 3812-3817.	0.2	14
140	NP-40 reduces contamination by endogenous biotinylated carboxylases during purification of biotin tagged nuclear proteins. <i>Protein Expression and Purification</i> , 2013, 89, 80-83.	1.3	14
141	TAF10 Interacts with the GATA1 Transcription Factor and Controls Mouse Erythropoiesis. <i>Molecular and Cellular Biology</i> , 2015, 35, 2103-2118.	2.3	14
142	Identification of Chloride Intracellular Channel Protein 3 as a Novel Gene Affecting Human Bone Formation. <i>JBMR Plus</i> , 2017, 1, 16-26.	2.7	14
143	Recovery in the Myogenic Program of Congenital Myotonic Dystrophy Myoblasts after Excision of the Expanded (CTG) <sub>n</sub> Repeat. <i>International Journal of Molecular Sciences</i> , 2019, 20, 5685.	4.1	14
144	Loss of enteric neuronal <i>Ndr4</i> promotes colorectal cancer via increased release of Nid1 and Fbln2. <i>EMBO Reports</i> , 2021, 22, e51913.	4.5	14

#	ARTICLE	IF	CITATIONS
145	Secretion of pro-angiogenic extracellular vesicles during hypoxia is dependent on the autophagy-related protein GABARAPL1. <i>Journal of Extracellular Vesicles</i> , 2021, 10, e12166.	12.2	14
146	Semi-quantitative proteomics of mammalian cells upon short-term exposure to non-ionizing electromagnetic fields. <i>PLoS ONE</i> , 2017, 12, e0170762.	2.5	13
147	A proteome comparison between human fetal and mature renal extracellular matrix identifies EMILIN1 as a regulator of renal epithelial cell adhesion. <i>Matrix Biology Plus</i> , 2019, 4, 100011.	3.5	13
148	Caldendrin and myosin V regulate synaptic spine apparatus localization via ER stabilization in dendritic spines. <i>EMBO Journal</i> , 2022, 41, e106523.	7.8	13
149	Dominant-acting CSF1R variants cause microglial depletion and altered astrocytic phenotype in zebrafish and adult-onset leukodystrophy. <i>Acta Neuropathologica</i> , 2022, 144, 211-239.	7.7	13
150	Identification of Protein Receptors for Coronaviruses by Mass Spectrometry. <i>Methods in Molecular Biology</i> , 2015, 1282, 165-182.	0.9	12
151	Binding of carboxypeptidase N to fibrinogen and fibrin. <i>Biochemical and Biophysical Research Communications</i> , 2012, 427, 421-425.	2.1	11
152	Histone H1 eviction by the histone chaperone SET reduces cell survival following DNA damage. <i>Journal of Cell Science</i> , 2020, 133, .	2.0	11
153	Identification of Full-Length Wild-Type and Mutant Huntingtin Interacting Proteins by Crosslinking Immunoprecipitation in Mice Brain Cortex. <i>Journal of Huntington's Disease</i> , 2021, 10, 335-347.	1.9	11
154	NLS-tagging: an alternative strategy to tag nuclear proteins. <i>Nucleic Acids Research</i> , 2014, 42, e163-e163.	14.5	10
155	Phospho-Ku70 induced by DNA damage interacts with RNA Pol II and promotes the formation of phospho-53BP1 foci to ensure optimal cNHEJ. <i>Nucleic Acids Research</i> , 2021, 49, 11728-11745.	14.5	10
156	DNA dependent recruitment of DDX17 and other interacting proteins by the human androgen receptor. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2009, 1794, 193-198.	2.3	9
157	Erythropoietic Defect Associated with Reduced Cell Proliferation in Mice Lacking the 26S Proteasome Shuttling Factor Rad23b. <i>Molecular and Cellular Biology</i> , 2013, 33, 3879-3892.	2.3	9
158	Global quantitative proteomics reveals novel factors in the ecdysone signaling pathway in <i>Drosophila melanogaster</i> . <i>Proteomics</i> , 2015, 15, 725-738.	2.2	9
159	Distinct and overlapping DNMT1 interactions with multiple transcription factors in erythroid cells: Evidence for co-repressor functions. <i>Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms</i> , 2016, 1859, 1515-1526.	1.9	8
160	Generation of a biotinylatable Sox2 mouse model to identify Sox2 complexes in vivo. <i>Transgenic Research</i> , 2018, 27, 75-85.	2.4	6
161	Identifying cystogenic paracrine signaling molecules in cyst fluid of patients with polycystic kidney disease. <i>American Journal of Physiology - Renal Physiology</i> , 2019, 316, F204-F213.	2.7	6
162	Distinct proteomic profiles in prefrontal subareas of elderly major depressive disorder and bipolar disorder patients. <i>Translational Psychiatry</i> , 2022, 12, .	4.8	6

#	ARTICLE	IF	CITATIONS
163	Extracellular Matrix Analysis of Human Renal Arteries in Both Quiescent and Active Vascular State. <i>International Journal of Molecular Sciences</i> , 2020, 21, 3905.	4.1	5
164	Mono-ubiquitination of Rabphilin 3A by UBE3A serves a non-degradative function. <i>Scientific Reports</i> , 2021, 11, 3007.	3.3	5
165	Inhibition of hypoxia-induced Mucin 1 alters the proteomic composition of human osteoblast-produced extracellular matrix, leading to reduced osteogenic and angiogenic potential. <i>Journal of Cellular Physiology</i> , 2022, 237, 1440-1454.	4.1	5
166	Proteomic Analysis of Mesenchymal Stromal Cell-Derived Extracellular Vesicles and Reconstructed Membrane Particles. <i>International Journal of Molecular Sciences</i> , 2021, 22, 12935.	4.1	5
167	Catchet-MS identifies IKZF1-targeting thalidomide analogues as novel HIV-1 latency reversal agents. <i>Nucleic Acids Research</i> , 2022, 50, 5577-5598.	14.5	5
168	Comparison of the PU.1 transcriptional regulome and interactome in human and mouse inflammatory dendritic cells. <i>Journal of Leukocyte Biology</i> , 2021, 110, 735-751.	3.3	3
169	Detection of Protein Ubiquitination Sites by Peptide Enrichment and Mass Spectrometry. <i>Journal of Visualized Experiments</i> , 2020, , .	0.3	3
170	<i>C. elegans</i> TFIIF subunit GTF-2H5/TTDA is a non-essential transcription factor indispensable for DNA repair. <i>Communications Biology</i> , 2021, 4, 1336.	4.4	3
171	Proximity Ligation Mapping of Microcephaly Associated SMPD4 Shows Association with Components of the Nuclear Pore Membrane. <i>Cells</i> , 2022, 11, 674.	4.1	3
172	RYBP-PRC1 Complexes Mediate H2A Ubiquitylation at Polycomb Target Sites Independently of PRC2 and H3K27me3. <i>Cell</i> , 2012, 149, 1647-1648.	28.9	2
173	Proteomic analysis of FOXP proteins reveals interactions between cortical transcription factors associated with neurodevelopmental disorders. <i>Human Molecular Genetics</i> , 2018, , .	2.9	2
174	Protein Phosphatase 2B Dual Function Facilitates Synaptic Integrity and Motor Learning. <i>Journal of Neuroscience</i> , 2021, 41, 5579-5594.	3.6	2
175	Empirical Evaluation of the Use of Computational HLA Binding as an Early Filter to the Mass Spectrometry-Based Epitope Discovery Workflow. <i>Cancers</i> , 2021, 13, 2307.	3.7	2
176	dCas9 Targeted Chromatin and Histone Enrichment for Mass Spectrometry (Catchet-MS) Identifies IKZF1 as a Novel Drug-Able Target for HIV-1 Latency Reversal. <i>SSRN Electronic Journal</i> , 0, , .	0.4	2
177	A ubiquitinome analysis to study the functional roles of the proteasome associated deubiquitinating enzymes USP14 and UCH37. <i>Journal of Proteomics</i> , 2022, 262, 104592.	2.4	2
178	Labeling Methods in Mass Spectrometry Based Quantitative Proteomics. , 2012, , .		1
179	Quantitative Mass Spectrometry-based Proteomics. , 0, , .		1
180	Identification of SOX2 Interacting Proteins in the Developing Mouse Lung With Potential Implications for Congenital Diaphragmatic Hernia. <i>Frontiers in Pediatrics</i> , 2022, 10, .	1.9	1

#	ARTICLE	IF	CITATIONS
181	Proapoptotic Bid Association with Mre11-Rad50-Nbs1 Complex is Indispensable for Checkpoint Activation after DNA Damage. Nature Precedings, 2007, , .	0.1	0
182	Identification and Characterization of a New Phosphorylation Site on Cardiac Myosin Binding Protein C. Biophysical Journal, 2012, 102, 435a-436a.	0.5	0
183	Identification and verification of novel FBXO7 interacting proteins. Parkinsonism and Related Disorders, 2016, 22, e171.	2.2	0
184	Abstract 4822: Identifying the anti-Tr antigen in paraneoplastic cerebellar degeneration. , 2012, , .		0
185	Abstract 1478: Gene-selective recruitment of NuRD drives chromatin reprogramming in cancer cells. , 2018, , .		0
186	Abstract 5229: The mutually exclusive and diverse NuRD chromatin remodeling complex in cancer progression. , 2019, , .		0
187	Interplay of SMARCAD1 and BRCA1 at Replication Forks to Maintain Genome Integrity. SSRN Electronic Journal, 0, , .	0.4	0
188	Editorial. Journal of Proteomics, 2022, 262, 104593.	2.4	0