

Anne-Claude Gingras

List of Publications by Year in descending order

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Version: 2024-02-01

307
papers

44,501
citations

2423

97
h-index

2558

195
g-index

359
all docs

359
docs citations

359
times ranked

48993
citing authors

#	ARTICLE	IF	CITATIONS
1	Clonamines stimulate autophagy, inhibit <i>Mycobacterium tuberculosis</i> survival in macrophages, and target Pik1. <i>Cell Chemical Biology</i> , 2022, 29, 870-882.e11.	2.5	7
2	Neutralization of SARS-CoV-2 Variants in Transplant Recipients After Two and Three Doses of mRNA-1273 Vaccine. <i>Annals of Internal Medicine</i> , 2022, 175, 226-233.	2.0	46
3	Membrane-dependent relief of translation elongation arrest on pseudouridine- and 1-methyl-pseudouridine-modified mRNAs. <i>Nucleic Acids Research</i> , 2022, 50, 7202-7215.	6.5	14
4	Defining the interactomes of proteins involved in cytoskeletal dynamics using high-throughput proximity-dependent biotinylation in cellulose. <i>STAR Protocols</i> , 2022, 3, 101075.	0.5	4
5	Identification and functional characterization of transcriptional activators in human cells. <i>Molecular Cell</i> , 2022, 82, 677-695.e7.	4.5	64
6	Preclinical evaluation of a SARS-CoV-2 mRNA vaccine PTX-COVID19-B. <i>Science Advances</i> , 2022, 8, eabj9815.	4.7	29
7	Differences in mRNA-1273 (Moderna) and BNT162b2 (Pfizer-BioNTech) SARS-CoV-2 vaccine immunogenicity among patients undergoing dialysis. <i>Cmaj</i> , 2022, 194, E297-E305.	0.9	26
8	Retention of hemostatic and immunological properties of frozen plasma and convalescent apheresis fresh frozen plasma produced and freeze-dried in Canada. <i>Transfusion</i> , 2022, 62, 418-428.	0.8	14
9	Persistence of T Cell and Antibody Responses to SARS-CoV-2 Up to 9 Months after Symptom Onset. <i>Journal of Immunology</i> , 2022, 208, 429-443.	0.4	12
10	A scalable serology solution for profiling humoral immune responses to SARS-CoV-2 infection and vaccination. <i>Clinical and Translational Immunology</i> , 2022, 11, e1380.	1.7	65
11	SARS-CoV-2 Virus-Like Particle Neutralizing Capacity in Blood Donors Depends on Serological Profile and Donor-Declared SARS-CoV-2 Vaccination History. <i>Microbiology Spectrum</i> , 2022, 10, e0226221.	1.2	5
12	Assessment of SARS-CoV-2 Seropositivity During the First and Second Viral Waves in 2020 and 2021 Among Canadian Adults. <i>JAMA Network Open</i> , 2022, 5, e2146798.	2.8	20
13	Estimating SARS-CoV-2 Seroprevalence in Canadian Blood Donors, April 2020 to March 2021: Improving Accuracy with Multiple Assays. <i>Microbiology Spectrum</i> , 2022, 10, e0256321.	1.2	8
14	Systematic mapping of nuclear domain-associated transcripts reveals speckles and lamina as hubs of functionally distinct retained introns. <i>Molecular Cell</i> , 2022, 82, 1035-1052.e9.	4.5	31
15	Proximity-Dependent Biotinylation Approaches to Explore the Dynamic Compartmentalized Proteome. <i>Frontiers in Molecular Biosciences</i> , 2022, 9, 852911.	1.6	13
16	Neutralization against Omicron variant in transplant recipients after three doses of mRNA vaccine. <i>American Journal of Transplantation</i> , 2022, 22, 2089-2093.	2.6	61
17	Adapting Serosurveys for the SARS-CoV-2 Vaccine Era. <i>Open Forum Infectious Diseases</i> , 2022, 9, ofab632.	0.4	30
18	Immunogenicity of convalescent and vaccinated sera against clinical isolates of ancestral SARS-CoV-2, Beta, Delta, and Omicron variants. <i>Med</i> , 2022, 3, 422-432.e3.	2.2	9

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19	Systemic and mucosal IgA responses are variably induced in response to SARS-CoV-2 mRNA vaccination and are associated with protection against subsequent infection. <i>Mucosal Immunology</i> , 2022, 15, 799-808.	2.7	152
20	Decellularization of porcine kidney with submicellar concentrations of SDS results in the retention of ECM proteins required for the adhesion and maintenance of human adult renal epithelial cells. <i>Biomaterials Science</i> , 2022, 10, 2972-2990.	2.6	8
21	Accelerated waning of immunity to SARS-CoV-2 mRNA vaccines in patients with immune-mediated inflammatory diseases. <i>JCI Insight</i> , 2022, 7, .	2.3	32
22	Understudied proteins: opportunities and challenges for functional proteomics. <i>Nature Methods</i> , 2022, 19, 774-779.	9.0	83
23	Palmitoylation Targets the Calcineurin Phosphatase to the Phosphatidylinositol 4-kinase Complex at the Plasma Membrane. <i>FASEB Journal</i> , 2022, 36, .	0.2	0
24	An open invitation to the Understudied Proteins Initiative. <i>Nature Biotechnology</i> , 2022, 40, 815-817.	9.4	25
25	Omicron BA.1/1.1 SARS-CoV-2 Infection among Vaccinated Canadian Adults. <i>New England Journal of Medicine</i> , 2022, 386, 2337-2339.	13.9	18
26	Longitudinal Assessment of SARS-CoV-2-Specific T Cell Cytokine-Producing Responses for 1 Year Reveals Persistence of Multicytokine Proliferative Responses, with Greater Immunity Associated with Disease Severity. <i>Journal of Virology</i> , 2022, 96, .	1.5	19
27	Recurrent chromosomal translocations in sarcomas create a megacomplex that mislocalizes NuA4/TIP60 to Polycomb target loci. <i>Genes and Development</i> , 2022, 36, 664-683.	2.7	8
28	Mapping Protein-Protein Interactions Using Data-Dependent Acquisition without Dynamic Exclusion. <i>Analytical Chemistry</i> , 2022, 94, 10579-10583.	3.2	3
29	Endosomal LC3C-pathway selectively targets plasma membrane cargo for autophagic degradation. <i>Nature Communications</i> , 2022, 13, .	5.8	12
30	Systematic Examination of Antigen-Specific Recall T Cell Responses to SARS-CoV-2 versus Influenza Virus Reveals a Distinct Inflammatory Profile. <i>Journal of Immunology</i> , 2021, 206, 37-50.	0.4	28
31	Mitochondrial Threonyl-tRNA Synthetase TARS2 Is Required for Threonine-Sensitive mTORC1 Activation. <i>Molecular Cell</i> , 2021, 81, 398-407.e4.	4.5	29
32	Rag GTPases and phosphatidylinositol 3-phosphate mediate recruitment of the AP-5/SPG11/SPG15 complex. <i>Journal of Cell Biology</i> , 2021, 220, .	2.3	14
33	A Toolbox for Efficient Proximity-Dependent Biotinylation in Zebrafish Embryos. <i>Molecular and Cellular Proteomics</i> , 2021, 20, 100128.	2.5	11
34	The PHLPP1 N-Terminal Extension Is a Mitotic Cdk1 Substrate and Controls an Interactome Switch. <i>Molecular and Cellular Biology</i> , 2021, 41, .	1.1	4
35	TAZ-CAMTA1 and YAP-TFE3 alter the TAZ/YAP transcriptome by recruiting the ATAC histone acetyltransferase complex. <i>ELife</i> , 2021, 10, .	2.8	27
36	Subcellular proteomics. <i>Nature Reviews Methods Primers</i> , 2021, 1, .	11.8	159

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37	Proximity-Dependent Sensors Reveal New Mechanisms of mTORC1 Activation by Amino Acids. <i>FASEB Journal</i> , 2021, 35, .	0.2	0
38	Comprehensive interactome profiling of the human Hsp70 network highlights functional differentiation of J domains. <i>Molecular Cell</i> , 2021, 81, 2549-2565.e8.	4.5	47
39	Nanoluciferase complementation-based bioreporter reveals the importance of N-linked glycosylation of SARS-CoV-2 for viral entry. <i>Molecular Therapy</i> , 2021, 29, 1984-2000.	3.7	19
40	A proximity-dependent biotinylation map of a human cell. <i>Nature</i> , 2021, 595, 120-124.	13.7	263
41	The macrophage-derived protein PTMA induces filamentation of the human fungal pathogen <i>Candida albicans</i> . <i>Cell Reports</i> , 2021, 36, 109584.	2.9	12
42	Early warning and rapid public health response to prevent COVID-19 outbreaks in long-term care facilities (LTCF) by monitoring SARS-CoV-2 RNA in LTCF site-specific sewage samples and assessment of antibodies response in this population: prospective study protocol. <i>BMJ Open</i> , 2021, 11, e052282.	0.8	6
43	Implementation of serological and molecular tools to inform COVID-19 patient management: protocol for the GENCOV prospective cohort study. <i>BMJ Open</i> , 2021, 11, e052842.	0.8	6
44	Evaluation of the SARS-CoV-2 Antibody Response to the BNT162b2 Vaccine in Patients Undergoing Hemodialysis. <i>JAMA Network Open</i> , 2021, 4, e2123622.	2.8	49
45	Severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2) seroprevalence: Navigating the absence of a gold standard. <i>PLoS ONE</i> , 2021, 16, e0257743.	1.1	13
46	TRK-Fused Gene (TFG), a protein involved in protein secretion pathways, is an essential component of the antiviral innate immune response. <i>PLoS Pathogens</i> , 2021, 17, e1009111.	2.1	9
47	Palmitoylation targets the calcineurin phosphatase to the phosphatidylinositol 4-kinase complex at the plasma membrane. <i>Nature Communications</i> , 2021, 12, 6064.	5.8	18
48	Endofin is required for HD-PTP and ESCRT-0 interdependent endosomal sorting of ubiquitinated transmembrane cargoes. <i>IScience</i> , 2021, 24, 103274.	1.9	7
49	Resistance of SARS-CoV-2 beta and gamma variants to plasma collected from Canadian blood donors during the spring of 2020. <i>Transfusion</i> , 2021, , .	0.8	8
50	Leveraging machine learning essentiality predictions and chemogenomic interactions to identify antifungal targets. <i>Nature Communications</i> , 2021, 12, 6497.	5.8	33
51	ATRX proximal protein associations boast roles beyond histone deposition. <i>PLoS Genetics</i> , 2021, 17, e1009909.	1.5	9
52	Evaluating Humoral Immunity against SARS-CoV-2: Validation of a Plaque-Reduction Neutralization Test and a Multilaboratory Comparison of Conventional and Surrogate Neutralization Assays. <i>Microbiology Spectrum</i> , 2021, 9, e0088621.	1.2	17
53	Dried blood spot specimens for SARS-CoV-2 antibody testing: A multi-site, multi-assay comparison. <i>PLoS ONE</i> , 2021, 16, e0261003.	1.1	24
54	Inactivation of PP2A by a recurrent mutation drives resistance to MEK inhibitors. <i>Oncogene</i> , 2020, 39, 703-717.	2.6	24

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55	Robust, reproducible and quantitative analysis of thousands of proteomes by micro-flow LC-MS/MS. <i>Nature Communications</i> , 2020, 11, 157.	5.8	218
56	Mapping the proximity interaction network of the Rho-family GTPases reveals signalling pathways and regulatory mechanisms. <i>Nature Cell Biology</i> , 2020, 22, 120-134.	4.6	123
57	Connecting proteins: shareable tools for reproducible interaction mapping. <i>Biochemistry and Cell Biology</i> , 2020, 98, 309-313.	0.9	0
58	Persistence of serum and saliva antibody responses to SARS-CoV-2 spike antigens in COVID-19 patients. <i>Science Immunology</i> , 2020, 5, .	5.6	714
59	The GATOR-Rag GTPase pathway inhibits mTORC1 activation by lysosome-derived amino acids. <i>Science</i> , 2020, 370, 351-356.	6.0	53
60	Human GTPBP5 (MTG2) fuels mitoribosome large subunit maturation by facilitating 16S rRNA methylation. <i>Nucleic Acids Research</i> , 2020, 48, 7924-7943.	6.5	32
61	AXL confers cell migration and invasion by hijacking a PEAK1-regulated focal adhesion protein network. <i>Nature Communications</i> , 2020, 11, 3586.	5.8	37
62	Functional characterization of a PROTAC directed against BRAF mutant V600E. <i>Nature Chemical Biology</i> , 2020, 16, 1170-1178.	3.9	80
63	The NEMP family supports metazoan fertility and nuclear envelope stiffness. <i>Science Advances</i> , 2020, 6, eabb4591.	4.7	11
64	A High-Density Human Mitochondrial Proximity Interaction Network. <i>Cell Metabolism</i> , 2020, 32, 479-497.e9.	7.2	124
65	A Comprehensive, Flexible Collection of SARS-CoV-2 Coding Regions. <i>G3: Genes, Genomes, Genetics</i> , 2020, 10, 3399-3402.	0.8	48
66	IRX3/5 regulate mitotic chromatid segregation and limb bud shape. <i>Development (Cambridge)</i> , 2020, 147, .	1.2	4
67	A Novel Role for NUA1 in Promoting Ovarian Cancer Metastasis through Regulation of Fibronectin Production in Spheroids. <i>Cancers</i> , 2020, 12, 1250.	1.7	20
68	Proteomic Analysis Reveals a Role for RSK in p120-catenin Phosphorylation and Melanoma Cell-Cell Adhesion. <i>Molecular and Cellular Proteomics</i> , 2020, 19, 50-64.	2.5	16
69	Systematic mapping of genetic interactions for de novo fatty acid synthesis identifies C12orf49 as a regulator of lipid metabolism. <i>Nature Metabolism</i> , 2020, 2, 499-513.	5.1	72
70	Pharmacological inhibition of PRMT7 links arginine monomethylation to the cellular stress response. <i>Nature Communications</i> , 2020, 11, 2396.	5.8	59
71	Systems analysis of RhoGEF and RhoGAP regulatory proteins reveals spatially organized RAC1 signalling from integrin adhesions. <i>Nature Cell Biology</i> , 2020, 22, 498-511.	4.6	154
72	Rare driver mutations in head and neck squamous cell carcinomas converge on NOTCH signaling. <i>Science</i> , 2020, 367, 1264-1269.	6.0	190

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73	Systematic Discovery of Short Linear Motifs Decodes Calcineurin Phosphatase Signaling. <i>Molecular Cell</i> , 2020, 79, 342-358.e12.	4.5	51
74	Variability in Streptavidinâ€“Sepharose Matrix Quality Can Significantly Affect Proximity-Dependent Biotinylation (BioID) Data. <i>Journal of Proteome Research</i> , 2020, 19, 3554-3561.	1.8	11
75	Autism-Misregulated eIF4G Microexons Control Synaptic Translation and Higher Order Cognitive Functions. <i>Molecular Cell</i> , 2020, 77, 1176-1192.e16.	4.5	69
76	Proximity Dependent Biotinylation: Key Enzymes and Adaptation to Proteomics Approaches. <i>Molecular and Cellular Proteomics</i> , 2020, 19, 757-773.	2.5	135
77	Virtual Issue: Technological Innovations. <i>Molecular and Cellular Proteomics</i> , 2020, 19, 572-573.	2.5	0
78	A simple protein-based surrogate neutralization assay for SARS-CoV-2. <i>JCI Insight</i> , 2020, 5, .	2.3	193
79	CDK1â€“dependent Phosphorylation of the Tumor Suppressor Phosphatase, PHLPP1, Regulates the Mitotic PHLPP1 Interactome. <i>FASEB Journal</i> , 2020, 34, 1-1.	0.2	0
80	Compliance Checklists No Longer Required at Initial Manuscript Submission. <i>Molecular and Cellular Proteomics</i> , 2020, 19, 571.	2.5	0
81	Uncovering The Unique Functions And Regulation Of The Palmitoylated Calcineurin Isoform, CNÎ²1. <i>FASEB Journal</i> , 2020, 34, 1-1.	0.2	0
82	The endosomal sorting adaptor HD-PTP is required for ephrin-B:EphB signalling in cellular collapse and spinal motor axon guidance. <i>Scientific Reports</i> , 2019, 9, 11945.	1.6	17
83	Global proteomic analyses define an environmentally contingent Hsp90 interactome and reveal chaperone-dependent regulation of stress granule proteins and the R2TP complex in a fungal pathogen. <i>PLoS Biology</i> , 2019, 17, e3000358.	2.6	34
84	Properties of Stress Granule and P-Body Proteomes. <i>Molecular Cell</i> , 2019, 76, 286-294.	4.5	258
85	Gene Information eXtension (GIX): effortless retrieval of gene product information on any website. <i>Nature Methods</i> , 2019, 16, 665-666.	9.0	3
86	A conserved CCM complex promotes apoptosis non-autonomously by regulating zinc homeostasis. <i>Nature Communications</i> , 2019, 10, 1791.	5.8	23
87	FAM105A/OTULINL Is a Pseudodeubiquitinase of the OTU-Class that Localizes to the ER Membrane. <i>Structure</i> , 2019, 27, 1000-1012.e6.	1.6	10
88	A novel protein domain in an ancestral splicing factor drove the evolution of neural microexons. <i>Nature Ecology and Evolution</i> , 2019, 3, 691-701.	3.4	63
89	Proteomic Analysis of Histones H2A/H2B and Variant Hv1 in <i>Tetrahymena thermophila</i> Reveals an Ancient Network of Chaperones. <i>Molecular Biology and Evolution</i> , 2019, 36, 1037-1055.	3.5	12
90	BRN2 suppresses apoptosis, reprograms DNA damage repair, and is associated with a high somatic mutation burden in melanoma. <i>Genes and Development</i> , 2019, 33, 310-332.	2.7	35

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91	Voices in methods development. <i>Nature Methods</i> , 2019, 16, 945-951.	9.0	5
92	Interactome Rewiring Following Pharmacological Targeting of BET Bromodomains. <i>Molecular Cell</i> , 2019, 73, 621-638.e17.	4.5	135
93	Getting to know the neighborhood: using proximity-dependent biotinylation to characterize protein complexes and map organelles. <i>Current Opinion in Chemical Biology</i> , 2019, 48, 44-54.	2.8	218
94	Functional divergence of a global regulatory complex governing fungal filamentation. <i>PLoS Genetics</i> , 2019, 15, e1007901.	1.5	17
95	Molecular architecture of <scp>LSM</scp> 14 interactions involved in the assembly of <scp>mRNA</scp> silencing complexes. <i>EMBO Journal</i> , 2018, 37, .	3.5	51
96	High-Density Proximity Mapping Reveals the Subcellular Organization of mRNA-Associated Granules and Bodies. <i>Molecular Cell</i> , 2018, 69, 517-532.e11.	4.5	583
97	KIBRA (WWC1) Is a Metastasis Suppressor Gene Affected by Chromosome 5q Loss in Triple-Negative Breast Cancer. <i>Cell Reports</i> , 2018, 22, 3191-3205.	2.9	43
98	Gaining an Easy Visual Grasp on MCP Content. <i>Molecular and Cellular Proteomics</i> , 2018, 17, 1259-1260.	2.5	0
99	Human MARF1 is an endoribonuclease that interacts with the DCP1:2 decapping complex and degrades target mRNAs. <i>Nucleic Acids Research</i> , 2018, 46, 12008-12021.	6.5	22
100	Genome-wide CRISPR-Cas9 Interrogation of Splicing Networks Reveals a Mechanism for Recognition of Autism-Misregulated Neuronal Microexons. <i>Molecular Cell</i> , 2018, 72, 510-524.e12.	4.5	86
101	A feed forward loop enforces YAP/TAZ signaling during tumorigenesis. <i>Nature Communications</i> , 2018, 9, 3510.	5.8	75
102	Proteomic and Biochemical Comparison of the Cellular Interaction Partners of Human VPS33A and VPS33B. <i>Journal of Molecular Biology</i> , 2018, 430, 2153-2163.	2.0	21
103	Structural Basis for Auto-Inhibition of the NDR1 Kinase Domain by an Atypically Long Activation Segment. <i>Structure</i> , 2018, 26, 1101-1115.e6.	1.6	17
104	Translational control of ERK signaling through miRNA/4EHP-directed silencing. <i>ELife</i> , 2018, 7, .	2.8	41
105	Functions of the COPII gene paralogs SEC23A and SEC23B are interchangeable in vivo. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E7748-E7757.	3.3	58
106	Global Interactomics Uncovers Extensive Organellar Targeting by Zika Virus. <i>Molecular and Cellular Proteomics</i> , 2018, 17, 2242-2255.	2.5	112
107	The shieldin complex mediates 53BP1-dependent DNA repair. <i>Nature</i> , 2018, 560, 117-121.	13.7	445
108	A Versatile Lentiviral Delivery Toolkit for Proximity-dependent Biotinylation in Diverse Cell Types. <i>Molecular and Cellular Proteomics</i> , 2018, 17, 2256-2269.	2.5	27

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109	The bromodomain-containing protein Ibd1 links multiple chromatin-related protein complexes to highly expressed genes in <i>Tetrahymena thermophila</i> . <i>Epigenetics and Chromatin</i> , 2018, 11, 10.	1.8	16
110	In planta proximity dependent biotin identification (BioID). <i>Scientific Reports</i> , 2018, 8, 9212.	1.6	70
111	The cargo receptor SURF4 promotes the efficient cellular secretion of PCSK9. <i>ELife</i> , 2018, 7, .	2.8	72
112	CDK1â€dependent Phosphorylation of the Tumor Suppressor Phosphatase, PHLPP1, Regulates the Mitotic PHLPP1 Interactome. <i>FASEB Journal</i> , 2018, 32, 687.2.	0.2	0
113	Abstract 3359: Elucidating the oncogenic mechanism of the TAZ-CAMTA1 and YAP-TFE3 fusion proteins. , 2018, , .		0
114	Parallel Exploration of Interaction Space by BioID and Affinity Purification Coupled to Mass Spectrometry. <i>Methods in Molecular Biology</i> , 2017, 1550, 115-136.	0.4	66
115	Cap-binding protein 4EHP effects translation silencing by microRNAs. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 5425-5430.	3.3	93
116	Acetylation of PCNA Sliding Surface by Eco1 Promotes Genome Stability through Homologous Recombination. <i>Molecular Cell</i> , 2017, 65, 78-90.	4.5	38
117	CLMSVault: A Software Suite for Protein Cross-Linking Mass-Spectrometry Data Analysis and Visualization. <i>Journal of Proteome Research</i> , 2017, 16, 2645-2652.	1.8	16
118	Regulation of Protein Interactions by Mps One Binder (MOB1) Phosphorylation. <i>Molecular and Cellular Proteomics</i> , 2017, 16, 1111-1125.	2.5	34
119	MOB1 Mediated Phospho-recognition in the Core Mammalian Hippo Pathway. <i>Molecular and Cellular Proteomics</i> , 2017, 16, 1098-1110.	2.5	39
120	CCM-3 Promotes <i>C.Âelegans</i> Germline Development by Regulating Vesicle Trafficking Cytokinesis and Polarity. <i>Current Biology</i> , 2017, 27, 868-876.	1.8	44
121	Activation of Mitochondrial Protein Phosphatase SLP2 by MIA40 Regulates Seed Germination. <i>Plant Physiology</i> , 2017, 173, 956-969.	2.3	24
122	A Global Analysis of the Receptor Tyrosine Kinase-Protein Phosphatase Interactome. <i>Molecular Cell</i> , 2017, 65, 347-360.	4.5	123
123	A pseudouridine synthase module is essential for mitochondrial protein synthesis and cell viability. <i>EMBO Reports</i> , 2017, 18, 28-38.	2.0	120
124	Evolution of AF6-RAS association and its implications in mixed-lineage leukemia. <i>Nature Communications</i> , 2017, 8, 1099.	5.8	21
125	MARK3-mediated phosphorylation of ARHGEF2 couples microtubules to the actin cytoskeleton to establish cell polarity. <i>Science Signaling</i> , 2017, 10, .	1.6	52
126	Selective Targeting of Bromodomains of the Bromodomain-PHD Fingers Family Impairs Osteoclast Differentiation. <i>ACS Chemical Biology</i> , 2017, 12, 2619-2630.	1.6	41

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127	Multi-laboratory assessment of reproducibility, qualitative and quantitative performance of SWATH-mass spectrometry. <i>Nature Communications</i> , 2017, 8, 291.	5.8	423
128	Regulatory Expansion in Mammals of Multivalent hnRNP Assemblies that Globally Control Alternative Splicing. <i>Cell</i> , 2017, 170, 324-339.e23.	13.5	119
129	ProHits-viz: a suite of web tools for visualizing interaction proteomics data. <i>Nature Methods</i> , 2017, 14, 645-646.	9.0	160
130	CEP19 cooperates with FOP and CEP350 to drive early steps in the ciliogenesis programme. <i>Open Biology</i> , 2017, 7, 170114.	1.5	46
131	Plk4 Promotes Cancer Invasion and Metastasis through Arp2/3 Complex Regulation of the Actin Cytoskeleton. <i>Cancer Research</i> , 2017, 77, 434-447.	0.4	116
132	Proteomic analysis of the human KEOPS complex identifies C14ORF142 as a core subunit homologous to yeast Gon7. <i>Nucleic Acids Research</i> , 2017, 45, 805-817.	6.5	49
133	<i>C. elegans</i> SUP-46, an HNRNPM family RNA-binding protein that prevents paternally-mediated epigenetic sterility. <i>BMC Biology</i> , 2017, 15, 61.	1.7	6
134	Ydj1 governs fungal morphogenesis and stress response, and facilitates mitochondrial protein import via Mas1 and Mas2. <i>Microbial Cell</i> , 2017, 4, 342-361.	1.4	33
135	AIRE is a critical spindle-associated protein in embryonic stem cells. <i>ELife</i> , 2017, 6, .	2.8	19
136	Heart of glass anchors Rasip1 at endothelial cell-cell junctions to support vascular integrity. <i>ELife</i> , 2016, 5, e11394.	2.8	43
137	SAINTq: Scoring protein-protein interactions in affinity purification " mass spectrometry experiments with fragment or peptide intensity data. <i>Proteomics</i> , 2016, 16, 2238-2245.	1.3	45
138	Multivalent Histone and DNA Engagement by a PHD/BRD/PWWP Triple Reader Cassette Recruits ZMYND8 to K14ac-Rich Chromatin. <i>Cell Reports</i> , 2016, 17, 2724-2737.	2.9	86
139	BRPF3 and HBO1 regulates replication origin activation and histone H3K14 acetylation. <i>EMBO Journal</i> , 2016, 35, 176-192.	3.5	97
140	SLC25A46 is required for mitochondrial lipid homeostasis and cristae maintenance and is responsible for Leigh syndrome. <i>EMBO Molecular Medicine</i> , 2016, 8, 1019-1038.	3.3	141
141	Crystal structures and mutagenesis of PPP-family ser/thr protein phosphatases elucidate the selectivity of cantharidin and novel norcantharidin-based inhibitors of PP5C. <i>Biochemical Pharmacology</i> , 2016, 109, 14-26.	2.0	26
142	Data Independent Acquisition analysis in ProHits 4.0. <i>Journal of Proteomics</i> , 2016, 149, 64-68.	1.2	66
143	The TIP60 Complex Regulates Bivalent Chromatin Recognition by 53BP1 through Direct H4K20me Binding and H2AK15 Acetylation. <i>Molecular Cell</i> , 2016, 62, 409-421.	4.5	198
144	Inborn Error of Cobalamin Metabolism Associated with the Intracellular Accumulation of Transcobalamin-Bound Cobalamin and Mutations in ZNF143, Which Codes for a Transcriptional Activator. <i>Human Mutation</i> , 2016, 37, 976-982.	1.1	30

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145	A global genetic interaction network maps a wiring diagram of cellular function. <i>Science</i> , 2016, 353, .	6.0	979
146	Proteomics approaches to decipher new signaling pathways. <i>Current Opinion in Structural Biology</i> , 2016, 41, 128-134.	2.6	7
147	Dual action antifungal small molecule modulates multidrug efflux and TOR signaling. <i>Nature Chemical Biology</i> , 2016, 12, 867-875.	3.9	79
148	The RNF146/Tankyrase pathway maintains the junctional Crumbs complex through regulation of Angiotin. <i>Journal of Cell Science</i> , 2016, 129, 3396-411.	1.2	21
149	Phenotypic and Interaction Profiling of the Human Phosphatases Identifies Diverse Mitotic Regulators. <i>Cell Reports</i> , 2016, 17, 2488-2501.	2.9	81
150	Promiscuous targeting of bromodomains by bromosporine identifies BET proteins as master regulators of primary transcription response in leukemia. <i>Science Advances</i> , 2016, 2, e1600760.	4.7	90
151	Exploring genetic suppression interactions on a global scale. <i>Science</i> , 2016, 354, .	6.0	157
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307	A Qualitative Comparison of the Abbott SARS-CoV-2 IgG II Quant Assay against Commonly Used Canadian SARS-CoV-2 Enzyme Immunoassays in Blood Donor Retention Specimens, April 2020 to March 2021. Microbiology Spectrum, 0, , .	1.2	5