

Anne-Claude Gingras

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39,953
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L-index

#	Paper	IF	Citations
303	eIF4 initiation factors: effectors of mRNA recruitment to ribosomes and regulators of translation. <i>Annual Review of Biochemistry</i> , 1999 , 68, 913-63	29.1	1729
302	The genetic landscape of a cell. <i>Science</i> , 2010 , 327, 425-31	33.3	1627
301	Regulation of translation initiation by FRAP/mTOR. <i>Genes and Development</i> , 2001 , 15, 807-26	12.6	1230
300	Insulin-dependent stimulation of protein synthesis by phosphorylation of a regulator of 5'-cap function. <i>Nature</i> , 1994 , 371, 762-7	50.4	1079
299	Histone recognition and large-scale structural analysis of the human bromodomain family. <i>Cell</i> , 2012 , 149, 214-31	56.2	1054
298	Regulation of 4E-BP1 phosphorylation: a novel two-step mechanism. <i>Genes and Development</i> , 1999 , 13, 1422-37	12.6	947
297	The CRAPome: a contaminant repository for affinity purification-mass spectrometry data. <i>Nature Methods</i> , 2013 , 10, 730-6	21.6	894
296	4E-BP1, a repressor of mRNA translation, is phosphorylated and inactivated by the Akt(PKB) signaling pathway. <i>Genes and Development</i> , 1998 , 12, 502-13	12.6	691
295	A global genetic interaction network maps a wiring diagram of cellular function. <i>Science</i> , 2016 , 353, 1245-50	33.3	626
294	Hierarchical phosphorylation of the translation inhibitor 4E-BP1. <i>Genes and Development</i> , 2001 , 15, 2852-64	12.6	595
293	A rapamycin-sensitive signaling pathway contributes to long-term synaptic plasticity in the hippocampus. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002 , 99, 467-72	11.5	589
292	Cocrystal structure of the messenger RNA 5' cap-binding protein (eIF4E) bound to 7-methyl-GDP. <i>Cell</i> , 1997 , 89, 951-61	56.2	574
291	Analysis of protein complexes using mass spectrometry. <i>Nature Reviews Molecular Cell Biology</i> , 2007 , 8, 645-54	48.7	553
290	A global protein kinase and phosphatase interaction network in yeast. <i>Science</i> , 2010 , 328, 1043-6	33.3	523
289	Human eukaryotic translation initiation factor 4G (eIF4G) recruits mnk1 to phosphorylate eIF4E. <i>EMBO Journal</i> , 1999 , 18, 270-9	13	507
288	The mRNA 5' cap-binding protein eIF4E and control of cell growth. <i>Current Opinion in Cell Biology</i> , 1998 , 10, 268-75	9	506
287	The target of rapamycin (TOR) proteins. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2001 , 98, 7037-44	11.5	492

286	SAINT: probabilistic scoring of affinity purification-mass spectrometry data. <i>Nature Methods</i> , 2011 , 8, 70-3	21.6	480
285	Cap-dependent translation initiation in eukaryotes is regulated by a molecular mimic of eIF4G. <i>Molecular Cell</i> , 1999 , 3, 707-16	17.6	406
284	Persistence of serum and saliva antibody responses to SARS-CoV-2 spike antigens in COVID-19 patients. <i>Science Immunology</i> , 2020 , 5,	28	396
283	DIA-Umpire: comprehensive computational framework for data-independent acquisition proteomics. <i>Nature Methods</i> , 2015 , 12, 258-64, 7 p following 264	21.6	371
282	Phosphorylation of eucaryotic translation initiation factor 4B Ser422 is modulated by S6 kinases. <i>EMBO Journal</i> , 2004 , 23, 1761-9	13	363
281	Wilms tumor suppressor WTX negatively regulates WNT/beta-catenin signaling. <i>Science</i> , 2007 , 316, 1043-6	39.3	341
280	High-Density Proximity Mapping Reveals the Subcellular Organization of mRNA-Associated Granules and Bodies. <i>Molecular Cell</i> , 2018 , 69, 517-532.e11	17.6	331
279	Biophysical studies of eIF4E cap-binding protein: recognition of mRNA 5' cap structure and synthetic fragments of eIF4G and 4E-BP1 proteins. <i>Journal of Molecular Biology</i> , 2002 , 319, 615-35	6.5	322
278	A Dynamic Protein Interaction Landscape of the Human Centrosome-Cilium Interface. <i>Cell</i> , 2015 , 163, 1484-99	56.2	316
277	Adipose tissue reduction in mice lacking the translational inhibitor 4E-BP1. <i>Nature Medicine</i> , 2001 , 7, 1128-32	50.5	310
276	Structure of translation factor eIF4E bound to m7GDP and interaction with 4E-binding protein. <i>Nature Structural Biology</i> , 1997 , 4, 717-24		309
275	Protein interaction network of the mammalian Hippo pathway reveals mechanisms of kinase-phosphatase interactions. <i>Science Signaling</i> , 2013 , 6, rs15	8.8	305
274	SAINTexpress: improvements and additional features in Significance Analysis of INteractome software. <i>Journal of Proteomics</i> , 2014 , 100, 37-43	3.9	296
273	The shieldin complex mediates 53BP1-dependent DNA repair. <i>Nature</i> , 2018 , 560, 117-121	50.4	277
272	A quantitative chaperone interaction network reveals the architecture of cellular protein homeostasis pathways. <i>Cell</i> , 2014 , 158, 434-448	56.2	258
271	Systematic exploration of essential yeast gene function with temperature-sensitive mutants. <i>Nature Biotechnology</i> , 2011 , 29, 361-7	44.5	258
270	A PP2A phosphatase high density interaction network identifies a novel striatin-interacting phosphatase and kinase complex linked to the cerebral cavernous malformation 3 (CCM3) protein. <i>Molecular and Cellular Proteomics</i> , 2009 , 8, 157-71	7.6	257
269	Non-canonical inhibition of DNA damage-dependent ubiquitination by OTUB1. <i>Nature</i> , 2010 , 466, 941-6	50.4	256

268	Multi-laboratory assessment of reproducibility, qualitative and quantitative performance of SWATH-mass spectrometry. <i>Nature Communications</i> , 2017 , 8, 291	17.4	252
267	Quantitative analysis of fitness and genetic interactions in yeast on a genome scale. <i>Nature Methods</i> , 2010 , 7, 1017-24	21.6	251
266	eIF4E activity is regulated at multiple levels. <i>International Journal of Biochemistry and Cell Biology</i> , 1999 , 31, 43-57	5.6	241
265	4E-BP1 phosphorylation is mediated by the FRAP-p70s6k pathway and is independent of mitogen-activated protein kinase. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1996 , 93, 4076-80	11.5	230
264	Serum-stimulated, rapamycin-sensitive phosphorylation sites in the eukaryotic translation initiation factor 4G1. <i>EMBO Journal</i> , 2000 , 19, 434-44	13	225
263	4E-BP3, a new member of the eukaryotic initiation factor 4E-binding protein family. <i>Journal of Biological Chemistry</i> , 1998 , 273, 14002-7	5.4	220
262	The insulin-induced signalling pathway leading to S6 and initiation factor 4E binding protein 1 phosphorylation bifurcates at a rapamycin-sensitive point immediately upstream of p70s6k. <i>Molecular and Cellular Biology</i> , 1997 , 17, 5426-36	4.8	215
261	Activation of GCN2 in UV-irradiated cells inhibits translation. <i>Current Biology</i> , 2002 , 12, 1279-86	6.3	209
260	Mapping differential interactomes by affinity purification coupled with data-independent mass spectrometry acquisition. <i>Nature Methods</i> , 2013 , 10, 1239-45	21.6	207
259	Affinity-purification coupled to mass spectrometry: basic principles and strategies. <i>Proteomics</i> , 2012 , 12, 1576-90	4.8	202
258	Temporal regulation of EGF signalling networks by the scaffold protein Shc1. <i>Nature</i> , 2013 , 499, 166-71	50.4	199
257	HAUS, the 8-subunit human Augmin complex, regulates centrosome and spindle integrity. <i>Current Biology</i> , 2009 , 19, 816-26	6.3	186
256	Activation of the translational suppressor 4E-BP1 following infection with encephalomyocarditis virus and poliovirus. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1996 , 93, 5578-83	11.5	185
255	The linear ubiquitin-specific deubiquitinase gumby regulates angiogenesis. <i>Nature</i> , 2013 , 498, 318-24	50.4	184
254	Proximity biotinylation and affinity purification are complementary approaches for the interactome mapping of chromatin-associated protein complexes. <i>Journal of Proteomics</i> , 2015 , 118, 81-94	3.9	173
253	PP4 is a gamma H2AX phosphatase required for recovery from the DNA damage checkpoint. <i>EMBO Reports</i> , 2008 , 9, 1019-26	6.5	163
252	ProHits: integrated software for mass spectrometry-based interaction proteomics. <i>Nature Biotechnology</i> , 2010 , 28, 1015-7	44.5	156
251	mu-Opioid receptor activates signaling pathways implicated in cell survival and translational control. <i>Journal of Biological Chemistry</i> , 1998 , 273, 23534-41	5.4	156

250	The eIF4E-binding proteins 1 and 2 are negative regulators of cell growth. <i>Oncogene</i> , 1996 , 13, 2415-20	9.2	156
249	Advances in protein complex analysis using mass spectrometry. <i>Journal of Physiology</i> , 2005 , 563, 11-21	3.9	148
248	A novel, evolutionarily conserved protein phosphatase complex involved in cisplatin sensitivity. <i>Molecular and Cellular Proteomics</i> , 2005 , 4, 1725-40	7.6	148
247	Topoisomerase II beta interacts with cohesin and CTCF at topological domain borders. <i>Genome Biology</i> , 2016 , 17, 182	18.3	143
246	Eukaryotic translation initiation factor 4E availability controls the switch between cap-dependent and internal ribosomal entry site-mediated translation. <i>Molecular and Cellular Biology</i> , 2005 , 25, 10556-65	4.8	143
245	Global gene deletion analysis exploring yeast filamentous growth. <i>Science</i> , 2012 , 337, 1353-6	33.3	141
244	History of protein-protein interactions: from egg-white to complex networks. <i>Proteomics</i> , 2012 , 12, 1478-98	4.98	139
243	The TIP60 Complex Regulates Bivalent Chromatin Recognition by 53BP1 through Direct H4K20me Binding and H2AK15 Acetylation. <i>Molecular Cell</i> , 2016 , 62, 409-421	17.6	136
242	FRAP/mTOR is required for proliferation and patterning during embryonic development in the mouse. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2001 , 98, 13796-801	11.5	135
241	Construction of human activity-based phosphorylation networks. <i>Molecular Systems Biology</i> , 2013 , 9, 655	12.2	134
240	Regulation of CD133 by HDAC6 promotes E-cadherin signaling to suppress cancer cell differentiation. <i>Cell Reports</i> , 2012 , 2, 951-63	10.6	131
239	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	9.7	122
238	(R)-PFI-2 is a potent and selective inhibitor of SETD7 methyltransferase activity in cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014 , 111, 12853-8	11.5	120
237	Rare driver mutations in head and neck squamous cell carcinomas converge on NOTCH signaling. <i>Science</i> , 2020 , 367, 1264-1269	33.3	112
236	BioID-based Identification of Skp Cullin F-box (SCF) E3 Ligase Substrates. <i>Molecular and Cellular Proteomics</i> , 2015 , 14, 1781-95	7.6	108
235	A novel 4EHP-GIGYF2 translational repressor complex is essential for mammalian development. <i>Molecular and Cellular Biology</i> , 2012 , 32, 3585-93	4.8	107
234	Phosphorylation of eIF4E attenuates its interaction with mRNA 5' cap analogs by electrostatic repulsion: intein-mediated protein ligation strategy to obtain phosphorylated protein. <i>Rna</i> , 2003 , 9, 52-61	5.8	107
233	4E binding proteins inhibit the translation factor eIF4E without folded structure. <i>Biochemistry</i> , 1998 , 37, 9-15	3.2	107

232	Properties of Stress Granule and P-Body Proteomes. <i>Molecular Cell</i> , 2019 , 76, 286-294	17.6	105
231	Robust, reproducible and quantitative analysis of thousands of proteomes by micro-flow LC-MS/MS. <i>Nature Communications</i> , 2020 , 11, 157	17.4	105
230	SLC25A46 is required for mitochondrial lipid homeostasis and cristae maintenance and is responsible for Leigh syndrome. <i>EMBO Molecular Medicine</i> , 2016 , 8, 1019-38	12	105
229	Exploring genetic suppression interactions on a global scale. <i>Science</i> , 2016 , 354,	33.3	103
228	mapDIA: Preprocessing and statistical analysis of quantitative proteomics data from data independent acquisition mass spectrometry. <i>Journal of Proteomics</i> , 2015 , 129, 108-120	3.9	101
227	Control of the hippo pathway by Set7-dependent methylation of Yap. <i>Developmental Cell</i> , 2013 , 26, 188-202	14.2	100
226	Cloning and characterization of 4EHP, a novel mammalian eIF4E-related cap-binding protein. <i>Journal of Biological Chemistry</i> , 1998 , 273, 13104-9	5.4	100
225	Structure-function analysis of core STRIPAK Proteins: a signaling complex implicated in Golgi polarization. <i>Journal of Biological Chemistry</i> , 2011 , 286, 25065-75	5.4	95
224	Translational homeostasis: eukaryotic translation initiation factor 4E control of 4E-binding protein 1 and p70 S6 kinase activities. <i>Molecular and Cellular Biology</i> , 1999 , 19, 4302-10	4.8	95
223	A simple protein-based surrogate neutralization assay for SARS-CoV-2. <i>JCI Insight</i> , 2020 , 5,	9.9	95
222	HELB Is a Feedback Inhibitor of DNA End Resection. <i>Molecular Cell</i> , 2016 , 61, 405-418	17.6	92
221	Translational control of cell fate: availability of phosphorylation sites on translational repressor 4E-BP1 governs its proapoptotic potency. <i>Molecular and Cellular Biology</i> , 2002 , 22, 2853-61	4.8	91
220	ProHits-viz: a suite of web tools for visualizing interaction proteomics data. <i>Nature Methods</i> , 2017 , 14, 645-646	21.6	90
219	Analyzing protein-protein interactions from affinity purification-mass spectrometry data with SAINT. <i>Current Protocols in Bioinformatics</i> , 2012 , Chapter 8, Unit8.15	24.2	90
218	Control of eIF4E cellular localization by eIF4E-binding proteins, 4E-BPs. <i>Rna</i> , 2008 , 14, 1318-27	5.8	90
217	Protein analysis by mass spectrometry and sequence database searching: tools for cancer research in the post-genomic era. <i>Electrophoresis</i> , 1999 , 20, 310-9	3.6	90
216	An alternative splicing event amplifies evolutionary differences between vertebrates. <i>Science</i> , 2015 , 349, 868-73	33.3	89
215	Plk4 Promotes Cancer Invasion and Metastasis through Arp2/3 Complex Regulation of the Actin Cytoskeleton. <i>Cancer Research</i> , 2017 , 77, 434-447	10.1	87

214	Assessment of a method to characterize antibody selectivity and specificity for use in immunoprecipitation. <i>Nature Methods</i> , 2015 , 12, 725-31	21.6	86
213	MSPLIT-DIA: sensitive peptide identification for data-independent acquisition. <i>Nature Methods</i> , 2015 , 12, 1106-8	21.6	86
212	A global regulatory mechanism for activating an exon network required for neurogenesis. <i>Molecular Cell</i> , 2014 , 56, 90-103	17.6	85
211	The MMS22L-TONSL complex mediates recovery from replication stress and homologous recombination. <i>Molecular Cell</i> , 2010 , 40, 619-31	17.6	85
210	Affinity-purification mass spectrometry (AP-MS) of serine/threonine phosphatases. <i>Methods</i> , 2007 , 42, 298-305	4.6	85
209	Expression of a translationally regulated, dominant-negative CCAAT/enhancer-binding protein beta isoform and up-regulation of the eukaryotic translation initiation factor 2alpha are correlated with neoplastic transformation of mammary epithelial cells. <i>Cancer Research</i> , 1996 , 56, 4382-6	10.1	82
208	Phosphorylation of eIF-4E on serine 209 by protein kinase C is inhibited by the translational repressors, 4E-binding proteins. <i>Journal of Biological Chemistry</i> , 1996 , 271, 11831-7	5.4	81
207	Translational control of the antiapoptotic function of Ras. <i>Journal of Biological Chemistry</i> , 2000 , 275, 24776-80	5.4	80
206	Requirement for Akt (protein kinase B) in insulin-induced activation of glycogen synthase and phosphorylation of 4E-BP1 (PHAS-1). <i>Journal of Biological Chemistry</i> , 1999 , 274, 20611-8	5.4	80
205	A pseudouridine synthase module is essential for mitochondrial protein synthesis and cell viability. <i>EMBO Reports</i> , 2017 , 18, 28-38	6.5	79
204	Global Interactomics Uncovers Extensive Organellar Targeting by Zika Virus. <i>Molecular and Cellular Proteomics</i> , 2018 , 17, 2242-2255	7.6	78
203	A lentiviral functional proteomics approach identifies chromatin remodeling complexes important for the induction of pluripotency. <i>Molecular and Cellular Proteomics</i> , 2010 , 9, 811-23	7.6	77
202	Interactome Rewiring Following Pharmacological Targeting of BET Bromodomains. <i>Molecular Cell</i> , 2019 , 73, 621-638.e17	17.6	77
201	Control of translation by the target of rapamycin proteins. <i>Progress in Molecular and Subcellular Biology</i> , 2001 , 27, 143-74	3	76
200	Two phosphatidylinositol 4-kinases control lysosomal delivery of the Gaucher disease enzyme, β -glucocerebrosidase. <i>Molecular Biology of the Cell</i> , 2012 , 23, 1533-45	3.5	75
199	A Global Analysis of the Receptor Tyrosine Kinase-Protein Phosphatase Interactome. <i>Molecular Cell</i> , 2017 , 65, 347-360	17.6	73
198	Regulatory Expansion in Mammals of Multivalent hnRNP Assemblies that Globally Control Alternative Splicing. <i>Cell</i> , 2017 , 170, 324-339.e23	56.2	72
197	Insulin regulation of protein translation repressor 4E-BP1, an eIF4E-binding protein, in renal epithelial cells. <i>Kidney International</i> , 2001 , 59, 866-75	9.9	67

196	Postnatal deamidation of 4E-BP2 in brain enhances its association with raptor and alters kinetics of excitatory synaptic transmission. <i>Molecular Cell</i> , 2010 , 37, 797-808	17.6	66
195	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	14.3	64
194	The RhoGEF GEF-H1 is required for oncogenic RAS signaling via KSR-1. <i>Cancer Cell</i> , 2014 , 25, 181-95	24.3	64
193	Proximity Dependent Biotinylation: Key Enzymes and Adaptation to Proteomics Approaches. <i>Molecular and Cellular Proteomics</i> , 2020 , 19, 757-773	7.6	63
192	BRPF3-HBO1 regulates replication origin activation and histone H3K14 acetylation. <i>EMBO Journal</i> , 2016 , 35, 176-92	13	61
191	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	23.4	60
190	A proximity-dependent biotinylation map of a human cell. <i>Nature</i> , 2021 , 595, 120-124	50.4	60
189	Label-free quantitative proteomics and SAINT analysis enable interactome mapping for the human Ser/Thr protein phosphatase 5. <i>Proteomics</i> , 2011 , 11, 1508-16	4.8	59
188	PP4R4/KIAA1622 forms a novel stable cytosolic complex with phosphoprotein phosphatase 4. <i>Journal of Biological Chemistry</i> , 2008 , 283, 29273-84	5.4	59
187	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	23.4	58
186	Phenotypic and Interaction Profiling of the Human Phosphatases Identifies Diverse Mitotic Regulators. <i>Cell Reports</i> , 2016 , 17, 2488-2501	10.6	58
185	Assessing cellular efficacy of bromodomain inhibitors using fluorescence recovery after photobleaching. <i>Epigenetics and Chromatin</i> , 2014 , 7, 14	5.8	58
184	CCM-3/STRIPAK promotes seamless tube extension through endocytic recycling. <i>Nature Communications</i> , 2015 , 6, 6449	17.4	57
183	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	11.5	56
182	The eIF4E-Binding Protein 4E-T Is a Component of the mRNA Decay Machinery that Bridges the 5' and 3' Termini of Target mRNAs. <i>Cell Reports</i> , 2015 , 11, 1425-36	10.6	56
181	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	10.6	54
180	Mass spectrometry approaches to study mammalian kinase and phosphatase associated proteins. <i>Methods</i> , 2012 , 57, 400-8	4.6	53
179	LuciPHOR: algorithm for phosphorylation site localization with false localization rate estimation using modified target-decoy approach. <i>Molecular and Cellular Proteomics</i> , 2013 , 12, 3409-19	7.6	53

178	Role of the SIK2-p35-PJA2 complex in pancreatic βcell functional compensation. <i>Nature Cell Biology</i> , 2014 , 16, 234-44	23.4	52
177	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	17.6	51
176	Dual action antifungal small molecule modulates multidrug efflux and TOR signaling. <i>Nature Chemical Biology</i> , 2016 , 12, 867-75	11.7	50
175	CCM3/PDCD10 heterodimerizes with germinal center kinase III (GCKIII) proteins using a mechanism analogous to CCM3 homodimerization. <i>Journal of Biological Chemistry</i> , 2011 , 286, 25056-64	5.4	50
174	Regulation of the rapamycin and FKBP-target 1/mammalian target of rapamycin and cap-dependent initiation of translation by the c-Abl protein-tyrosine kinase. <i>Journal of Biological Chemistry</i> , 2000 , 275, 10779-87	5.4	49
173	Label-free quantitative proteomics trends for protein-protein interactions. <i>Journal of Proteomics</i> , 2013 , 81, 91-101	3.9	47
172	Interaction proteomics identify NEURL4 and the HECT E3 ligase HERC2 as novel modulators of centrosome architecture. <i>Molecular and Cellular Proteomics</i> , 2012 , 11, M111.014233	7.6	47
171	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	11.5	46
170	Adenovirus infection inactivates the translational inhibitors 4E-BP1 and 4E-BP2. <i>Virology</i> , 1997 , 237, 182-6	3.6	46
169	Identification of putative androgen receptor interaction protein modules: cytoskeleton and endosomes modulate androgen receptor signaling in prostate cancer cells. <i>Molecular and Cellular Proteomics</i> , 2007 , 6, 252-71	7.6	46
168	Tissue distribution, genomic structure, and chromosome mapping of mouse and human eukaryotic initiation factor 4E-binding proteins 1 and 2. <i>Genomics</i> , 1996 , 38, 353-63	4.3	46
167	A potential role for extracellular signal-regulated kinases in prostaglandin F2alpha-induced protein synthesis in smooth muscle cells. <i>Journal of Biological Chemistry</i> , 1999 , 274, 12925-32	5.4	45
166	Combinatorial proteomic analysis of intercellular signaling applied to the CD28 T-cell costimulatory receptor. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015 , 112, E1594-603	11.5	44
165	A High-Density Human Mitochondrial Proximity Interaction Network. <i>Cell Metabolism</i> , 2020 , 32, 479-497.e16	11.6	43
164	In planta proximity dependent biotin identification (BioID). <i>Scientific Reports</i> , 2018 , 8, 9212	4.9	42
163	Mechanistic insight into GPCR-mediated activation of the microtubule-associated RhoA exchange factor GEF-H1. <i>Nature Communications</i> , 2014 , 5, 4857	17.4	42
162	Proteomic profiling of the TRAF3 interactome network reveals a new role for the ER-to-Golgi transport compartments in innate immunity. <i>PLoS Pathogens</i> , 2012 , 8, e1002747	7.6	42
161	The cargo receptor SURF4 promotes the efficient cellular secretion of PCSK9. <i>ELife</i> , 2018 , 7,	8.9	42

160	Systematic investigation of hierarchical phosphorylation by protein kinase CK2. <i>Journal of Proteomics</i> , 2015 , 118, 49-62	3.9	41
159	Parallel Exploration of Interaction Space by BioID and Affinity Purification Coupled to Mass Spectrometry. <i>Methods in Molecular Biology</i> , 2017 , 1550, 115-136	1.4	39
158	Proteomic analysis of the palmitoyl protein thioesterase 1 interactome in SH-SY5Y human neuroblastoma cells. <i>Journal of Proteomics</i> , 2015 , 123, 42-53	3.9	38
157	Drafting the CLN3 protein interactome in SH-SY5Y human neuroblastoma cells: a label-free quantitative proteomics approach. <i>Journal of Proteome Research</i> , 2013 , 12, 2101-15	5.6	38
156	Rapamycin and wortmannin enhance replication of a defective encephalomyocarditis virus. <i>Journal of Virology</i> , 1998 , 72, 5811-9	6.6	37
155	Data Independent Acquisition analysis in ProHits 4.0. <i>Journal of Proteomics</i> , 2016 , 149, 64-68	3.9	37
154	A feed forward loop enforces YAP/TAZ signaling during tumorigenesis. <i>Nature Communications</i> , 2018 , 9, 3510	17.4	37
153	Endosomal sorting of VAMP3 is regulated by PI4K2A. <i>Journal of Cell Science</i> , 2014 , 127, 3745-56	5.3	36
152	The PPFIA1-PP2A protein complex promotes trafficking of Kif7 to the ciliary tip and Hedgehog signaling. <i>Science Signaling</i> , 2014 , 7, ra117	8.8	34
151	Gastrin induces phosphorylation of eIF4E binding protein 1 and translation initiation of ornithine decarboxylase mRNA. <i>Oncogene</i> , 1998 , 16, 2219-27	9.2	34
150	A SARS-CoV-2 host proximity interactome		34
149	Functional characterization of a PROTAC directed against BRAF mutant V600E. <i>Nature Chemical Biology</i> , 2020 , 16, 1170-1178	11.7	34
148	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	12.3	33
147	Identification and characterization of AtI-2, an Arabidopsis homologue of an ancient protein phosphatase 1 (PP1) regulatory subunit. <i>Biochemical Journal</i> , 2011 , 435, 73-83	3.8	33
146	A novel mechanism for SUMO system control: regulated Ulp1 nucleolar sequestration. <i>Molecular and Cellular Biology</i> , 2010 , 30, 4452-62	4.8	33
145	Angiotensin II stimulates phosphorylation of the translational repressor 4E-binding protein 1 by a mitogen-activated protein kinase-independent mechanism. <i>Journal of Biological Chemistry</i> , 1997 , 272, 4006-12	5.4	33
144	CCM-3 Promotes <i>C. elegans</i> Germline Development by Regulating Vesicle Trafficking Cytokinesis and Polarity. <i>Current Biology</i> , 2017 , 27, 868-876	6.3	32
143	Autism-Misregulated eIF4G Microexons Control Synaptic Translation and Higher Order Cognitive Functions. <i>Molecular Cell</i> , 2020 , 77, 1176-1192.e16	17.6	32

142	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	20.1	31
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