Peter K Jackson

List of Publications by Citations

166 papers	15,399 citations	61 h-index	123 g-index
214 ext. papers	17,623 ext. citations	17.4 avg, IF	6.25 L-index

#	Paper	IF	Citations
166	Neonatal lethality and lymphopenia in mice with a homozygous disruption of the c-abl proto-oncogene. *Cell*, **1991**, 65, 1153-63	56.2	1223
165	A core complex of BBS proteins cooperates with the GTPase Rab8 to promote ciliary membrane biogenesis. *Cell*, **2007**, 129, 1201-13	56.2	1037
164	Mitosis in transition. *Cell*, **1994**, 79, 563-71	56.2	683
163	Sensitivity to antitubulin chemotherapeutics is regulated by MCL1 and FBW7. *Nature*, **2011**, 471, 110-4	50.4	602
162	The lore of the RINGs: substrate recognition and catalysis by ubiquitin ligases. *Trends in Cell Biology*, **2000**, 10, 429-39	18.3	543
161	Separate domains of p21 involved in the inhibition of Cdk kinase and PCNA. *Nature*, **1995**, 374, 386-8	50.4	509
160	Mapping the NPHP-JBTS-MKS protein network reveals ciliopathy disease genes and pathways. *Cell*, **2011**, 145, 513-28	56.2	435
159	Small-molecule ligands bind to a distinct pocket in Ras and inhibit SOS-mediated nucleotide exchange activity. *Proceedings of the National Academy of Sciences of the United States of America*, **2012**, 109, 5299-304	11.5	432
158	The mouse type IV c-abl gene product is a nuclear protein, and activation of transforming ability is associated with cytoplasmic localization. *Cell*, **1989**, 58, 669-78	56.2	390
157	Emi1 is a mitotic regulator that interacts with Cdc20 and inhibits the anaphase promoting complex. *Cell*, **2001**, 105, 645-55	56.2	321
156	Rewriting yeast central carbon metabolism for industrial isoprenoid production. *Nature*, **2016**, 537, 694-697	50.4	316
155	Control of meiotic and mitotic progression by the F box protein beta-Trcp1 in vivo. *Developmental Cell*, **2003**, 4, 799-812	10.2	314
154	Primary cilia membrane assembly is initiated by Rab11 and transport protein particle II (TRAPPII) complex-dependent trafficking of Rabin8 to the centrosome. *Proceedings of the National Academy of Sciences of the United States of America*, **2011**, 108, 2759-64	11.5	294
153	Prophase destruction of Emi1 by the SCF(betaTrCP/Slimb) ubiquitin ligase activates the anaphase promoting complex to allow progression beyond prometaphase. *Developmental Cell*, **2003**, 4, 813-26	10.2	292
152	The ciliary G-protein-coupled receptor Gpr161 negatively regulates the Sonic hedgehog pathway via cAMP signaling. *Cell*, **2013**, 152, 210-23	56.2	291
151	E2F-dependent accumulation of hEmi1 regulates S phase entry by inhibiting APC(Cdh1). *Nature Cell Biology*, **2002**, 4, 358-66	23.4	274
150	Candidate exome capture identifies mutation of SDCCAG8 as the cause of a retinal-renal ciliopathy. *Nature Genetics*, **2010**, 42, 840-50	36.3	257

149	TULP3 bridges the IFT-A complex and membrane phosphoinositides to promote trafficking of G protein-coupled receptors into primary cilia. *Genes and Development*, **2010**, 24, 2180-93	12.6	248
148	Covalent and allosteric inhibitors of the ATPase VCP/p97 induce cancer cell death. *Nature Chemical Biology*, **2013**, 9, 548-56	11.7	246
147	A BBSome subunit links ciliogenesis, microtubule stability, and acetylation. *Developmental Cell*, **2008**, 15, 854-65	10.2	225
146	Plk1 regulates activation of the anaphase promoting complex by phosphorylating and triggering SCFbetaTrCP-dependent destruction of the APC Inhibitor Emi1. *Molecular Biology of the Cell*, **2004**, 15, 5623-34	3.5	172
145	An ARL3-UNC119-RP2 GTPase cycle targets myristoylated NPHP3 to the primary cilium. *Genes and Development*, **2011**, 25, 2347-60	12.6	167
144	Emi1 stably binds and inhibits the anaphase-promoting complex/cyclosome as a pseudosubstrate inhibitor. *Genes and Development*, **2006**, 20, 2410-20	12.6	153
143	Deregulated human Cdc14A phosphatase disrupts centrosome separation and chromosome segregation. *Nature Cell Biology*, **2002**, 4, 317-22	23.4	148
142	Dual degradation signals control Gli protein stability and tumor formation. *Genes and Development*, **2006**, 20, 276-81	12.6	146
141	Mouse Emi2 is required to enter meiosis II by reestablishing cyclin B1 during interkinesis. *Journal of Cell Biology*, **2006**, 174, 791-801	7.3	143
140	Early steps in primary cilium assembly require EHD1/EHD3-dependent ciliary vesicle formation. *Nature Cell Biology*, **2015**, 17, 228-240	23.4	141
139	Emi1 regulates the anaphase-promoting complex by a different mechanism than Mad2 proteins. *Genes and Development*, **2001**, 15, 3278-85	12.6	136
138	A role for the anaphase-promoting complex inhibitor Emi2/XErp1, a homolog of early mitotic inhibitor 1, in cytostatic factor arrest of Xenopus eggs. *Proceedings of the National Academy of Sciences of the United States of America*, **2005**, 102, 4318-23	11.5	135
137	The SCF ubiquitin ligase: an extended look. *Molecular Cell*, **2002**, 9, 923-5	17.6	135
136	Disruption of centrosome structure, chromosome segregation, and cytokinesis by misexpression of human Cdc14A phosphatase. *Molecular Biology of the Cell*, **2002**, 13, 2289-300	3.5	133
135	Neuropeptide Y family receptors traffic via the Bardet-Biedl syndrome pathway to signal in neuronal primary cilia. *Cell Reports*, **2013**, 5, 1316-29	10.6	128
134	A bacterial effector targets Mad2L2, an APC inhibitor, to modulate host cell cycling. *Cell*, **2007**, 130, 611-23	36.2	127
133	Spongiform degeneration in mahoganoid mutant mice. *Science*, **2003**, 299, 710-2	33.3	121
132	The primary cilium as a cellular receiver: organizing ciliary GPCR signaling. *Current Opinion in Cell Biology*, **2016**, 39, 84-92	9	120

131	Deubiquitinase USP37 is activated by CDK2 to antagonize APC(CDH1) and promote S phase entry. *Molecular Cell*, **2011**, 42, 511-23	17.6	112
130	Emi1 is required for cytostatic factor arrest in vertebrate eggs. *Nature*, **2002**, 416, 850-4	50.4	112
129	Cyclin E uses Cdc6 as a chromatin-associated receptor required for DNA replication. *Journal of Cell Biology*, **2001**, 152, 1267-78	7.3	112
128	Metabolic plasticity underpins innate and acquired resistance to LDHA inhibition. *Nature Chemical Biology*, **2016**, 12, 779-86	11.7	109
127	CaMKII and polo-like kinase 1 sequentially phosphorylate the cytostatic factor Emi2/XErp1 to trigger its destruction and meiotic exit. *Proceedings of the National Academy of Sciences of the United States of America*, **2006**, 103, 608-13	11.5	104
126	ACE2 localizes to the respiratory cilia and is not increased by ACE inhibitors or ARBs. *Nature Communications*, **2020**, 11, 5453	17.4	100
125	Neural Precursor-Derived Pleiotrophin Mediates Subventricular Zone Invasion by Glioma. *Cell*, **2017** , 170, 845-859.e19	56.2	98
124	CRISPR screens in cancer spheroids identify 3D growth-specific vulnerabilities. *Nature*, **2020**, 580, 136-141	50.4	96
123	A homozygous PDE6D mutation in Joubert syndrome impairs targeting of farnesylated INPP5E protein to the primary cilium. *Human Mutation*, **2014**, 35, 137-46	4.7	88
122	The unique N terminus of the UbcH10 E2 enzyme controls the threshold for APC activation and enhances checkpoint regulation of the APC. *Molecular Cell*, **2008**, 31, 544-556	17.6	88
121	A novel acetylation of □tubulin by San modulates microtubule polymerization via down-regulating tubulin incorporation. *Molecular Biology of the Cell*, **2011**, 22, 448-56	3.5	85
120	The evi5 oncogene regulates cyclin accumulation by stabilizing the anaphase-promoting complex inhibitor emi1. *Cell*, **2006**, 124, 367-80	56.2	85
119	Individuals with mutations in XPNPEP3, which encodes a mitochondrial protein, develop a nephronophthisis-like nephropathy. *Journal of Clinical Investigation*, **2010**, 120, 791-802	15.9	83
118	Smoothened determines □arrestin-mediated removal of the G protein-coupled receptor Gpr161 from the primary cilium. *Journal of Cell Biology*, **2016**, 212, 861-75	7.3	82
117	Oncogenic regulators and substrates of the anaphase promoting complex/cyclosome are frequently overexpressed in malignant tumors. *American Journal of Pathology*, **2007**, 170, 1793-805	5.8	82
116	Prophase I arrest and progression to metaphase I in mouse oocytes are controlled by Emi1-dependent regulation of APC(Cdh1). *Journal of Cell Biology*, **2007**, 176, 65-75	7.3	80
115	High-throughput generation of tagged stable cell lines for proteomic analysis. *Proteomics*, **2009**, 9, 2888-98	4.8	79
114	Our thanks to Cilia□ reviewers. *Cilia*, **2013**, 2,	5.5	78

113	The ciliopathy-associated CPLANE proteins direct basal body recruitment of intraflagellar transport machinery. *Nature Genetics*, **2016**, 48, 648-56	36.3	78
112	The tubby family proteins. *Genome Biology*, **2011**, 12, 225	18.3	77
111	Cyclin E overexpression impairs progression through mitosis by inhibiting APC(Cdh1). *Journal of Cell Biology*, **2007**, 178, 371-85	7.3	75
110	Omega-3 Fatty Acids Activate Ciliary FFAR4 to Control Adipogenesis. *Cell*, **2019**, 179, 1289-1305.e21	56.2	72
109	Tubby is required for trafficking G protein-coupled receptors to neuronal cilia. *Cilia*, **2012**, 1, 21	5.5	69
108	Triggering ubiquitination of a CDK inhibitor at origins of DNA replication. *Nature Cell Biology*, **2001**, 3, 715-22	23.4	67
107	Wagging the dogma; tissue-specific cell cycle control in the mouse embryo. *Cell*, **2004**, 118, 535-8	56.2	64
106	SARS-CoV-2 infects human pancreatic □cells and elicits □cell impairment. *Cell Metabolism*, **2021**, 33, 1565-1576.e5	24.6	64
105	The nucleolar phosphatase Cdc14B is dispensable for chromosome segregation and mitotic exit in human cells. *Cell Cycle*, **2008**, 7, 1184-90	4.7	61
104	F-box/WD-repeat proteins pop1p and Sud1p/Pop2p form complexes that bind and direct the proteolysis of cdc18p. *Current Biology*, **1999**, 9, 373-6	6.3	59
103	The STARD9/Kif16a kinesin associates with mitotic microtubules and regulates spindle pole assembly. *Cell*, **2011**, 147, 1309-23	56.2	58
102	Identification of Rab11 as a small GTPase binding protein for the Evi5 oncogene. *Proceedings of the National Academy of Sciences of the United States of America*, **2007**, 104, 1236-41	11.5	58
101	Delirium in critically ill patients. *Critical Care Clinics*, **2015**, 31, 589-603	4.5	57
100	Alkylsulfanyl-1,2,4-triazoles, a new class of allosteric valosine containing protein inhibitors. Synthesis and structure-activity relationships. *Journal of Medicinal Chemistry*, **2013**, 56, 437-50	8.3	57
99	Dependence of tumor cell lines and patient-derived tumors on the NAD salvage pathway renders them sensitive to NAMPT inhibition with GNE-618. *Neoplasia*, **2013**, 15, 1151-60	6.4	55
98	A role for Cdc2- and PP2A-mediated regulation of Emi2 in the maintenance of CSF arrest. *Current Biology*, **2007**, 17, 213-24	6.3	51
97	APC/C(Cdc20) targets E2F1 for degradation in prometaphase. *Cell Cycle*, **2010**, 9, 3956-64	4.7	49
96	Accessory proteins for melanocortin signaling: attractin and mahogunin. *Annals of the New York Academy of Sciences*, **2003**, 994, 288-98	6.5	49

95	Identification of preferred chemotherapeutics for combining with a CHK1 inhibitor. *Molecular Cancer Therapeutics*, **2013**, 12, 2285-95	6.1	44
94	The analysis of fluorophore-labeled carbohydrates by polyacrylamide gel electrophoresis. *Molecular Biotechnology*, **1996**, 5, 101-23	3	44
93	Overexpression of the anaphase promoting complex/cyclosome inhibitor Emi1 leads to tetraploidy and genomic instability of p53-deficient cells. *Cell Cycle*, **2006**, 5, 1569-73	4.7	42
92	Control of Emi2 activity and stability through Mos-mediated recruitment of PP2A. *Proceedings of the National Academy of Sciences of the United States of America*, **2007**, 104, 16564-9	11.5	42
91	Emi1 protein accumulation implicates misregulation of the anaphase promoting complex/cyclosome pathway in ovarian clear cell carcinoma. *Modern Pathology*, **2008**, 21, 445-54	9.8	39
90	3D spheroid model of mIMCD3 cells for studying ciliopathies and renal epithelial disorders. *Nature Protocols*, **2014**, 9, 2725-31	18.8	38
89	Supplementation of nicotinic acid with NAMPT inhibitors results in loss of in vivo efficacy in NAPRT1-deficient tumor models. *Neoplasia*, **2013**, 15, 1314-29	6.4	38
88	Comparative Proteomics Reveals Strain-Specific TrCP Degradation via Rotavirus NSP1 Hijacking a Host Cullin-3-Rbx1 Complex. *PLoS Pathogens*, **2016**, 12, e1005929	7.6	38
87	Use of pantothenate as a metabolic switch increases the genetic stability of farnesene producing Saccharomyces cerevisiae. *Metabolic Engineering*, **2014**, 25, 215-26	9.7	37
86	Drebrin restricts rotavirus entry by inhibiting dynamin-mediated endocytosis. *Proceedings of the National Academy of Sciences of the United States of America*, **2017**, 114, E3642-E3651	11.5	35
85	The END network couples spindle pole assembly to inhibition of the anaphase-promoting complex/cyclosome in early mitosis. *Developmental Cell*, **2007**, 13, 29-42	10.2	33
84	Engineering a functional 1-deoxy-D-xylulose 5-phosphate (DXP) pathway in Saccharomyces cerevisiae. *Metabolic Engineering*, **2016**, 38, 494-503	9.7	31
83	Chk1 inhibition in p53-deficient cell lines drives rapid chromosome fragmentation followed by caspase-independent cell death. *Cell Cycle*, **2014**, 13, 303-14	4.7	31
82	Cell cycle: cull and destroy. *Current Biology*, **1996**, 6, 1209-12	6.3	31
81	Combination drug scheduling defines a "window of opportunity" for chemopotentiation of gemcitabine by an orally bioavailable, selective ChK1 inhibitor, GNE-900. *Molecular Cancer Therapeutics*, **2013**, 12, 1968-80	6.1	30
80	The Study of Intelligence in Theory and Practice. *Intelligence and National Security*, **2004**, 19, 139-169	0.8	30
79	A multiple high-resolution mini two-dimensional polyacrylamide gel electrophoresis system: imaging two-dimensional gels using a cooled charge-coupled device after staining with silver or labeling with fluorophore. *Analytical Biochemistry*, **1991**, 195, 30-7	3.1	29
78	A specific form of phospho protein phosphatase 2 regulates anaphase-promoting complex/cyclosome association with spindle poles. *Molecular Biology of the Cell*, **2010**, 21, 897-904	3.5	28

77	Loss of Emi1-dependent anaphase-promoting complex/cyclosome inhibition deregulates E2F target expression and elicits DNA damage-induced senescence. *Molecular and Cellular Biology*, **2007**, 27, 7955-65	4.8	28
76	Cdc2 and Mos regulate Emi2 stability to promote the meiosis I-meiosis II transition. *Molecular Biology of the Cell*, **2008**, 19, 3536-43	3.5	27
75	A chemosensitization screen identifies TP53RK, a kinase that restrains apoptosis after mitotic stress. *Cancer Research*, **2010**, 70, 6325-35	10.1	26
74	The E3 ubiquitin ligase GREUL1 anteriorizes ectoderm during Xenopus development. *Developmental Biology*, **2002**, 251, 395-408	3.1	26
73	Linking tumor suppression, DNA damage and the anaphase-promoting complex. *Trends in Cell Biology*, **2004**, 14, 331-4	18.3	25
72	Tctex1d2 associates with short-rib polydactyly syndrome proteins and is required for ciliogenesis. *Cell Cycle*, **2015**, 14, 1116-25	4.7	24
71	Cell cycle: oiling the gears of anaphase. *Current Biology*, **1998**, 8, R636-9	6.3	24
70	Emi1 class of proteins regulate entry into meiosis and the meiosis I to meiosis II transition in Xenopus oocytes. *Cell Cycle*, **2005**, 4, 478-82	4.7	24
69	Unbiased Proteomic Profiling Uncovers a Targetable GNAS/PKA/PP2A Axis in Small Cell Lung Cancer Stem Cells. *Cancer Cell*, **2020**, 38, 129-143.e7	24.3	22
68	E2F4 regulates transcriptional activation in mouse embryonic stem cells independently of the RB family. *Nature Communications*, **2019**, 10, 2939	17.4	22
67	Translational unmasking of Emi2 directs cytostatic factor arrest in meiosis II. *Cell Cycle*, **2007**, 6, 725-31	4.7	22
66	Xenopus Cdc14 alpha/beta are localized to the nucleolus and centrosome and are required for embryonic cell division. *BMC Cell Biology*, **2004**, 5, 27		22
65	Ensemble Construction and Verification of the Probabilistic ENSO Prediction in the LDEO5 Model. *Journal of Climate*, **2010**, 23, 5476-5497	4.4	20
64	Further analysis of singular vector and ENSO predictability in the Lamont model□Part I: singular vector and the control factors. *Climate Dynamics*, **2010**, 35, 807-826	4.2	20
63	Inhibition of the anaphase-promoting complex by the Xnf7 ubiquitin ligase. *Journal of Cell Biology*, **2005**, 169, 61-71	7.3	20
62	The AMBRA1 E3 ligase adaptor regulates the stability of cyclin□D. *Nature*, **2021**, 592, 794-798	50.4	20
61	Cilia - the prodigal organelle. *Cilia*, **2012**, 1, 1	5.5	19
60	Identification of an N-(hydroxysulfonyl)oxy metabolite using in vitro microorganism screening, high-resolution and tandem electrospray ionization mass spectrometry. *Rapid Communications in Mass Spectrometry*, **2000**, 14, 2362-6	2.2	18

59	Identification of novel F-box proteins in Xenopus laevis. *Current Biology*, **1999**, 9, R762-3	6.3	18
58	Robust ACE2 protein expression localizes to the motile cilia of the respiratory tract epithelia and is not increased by ACE inhibitors or angiotensin receptor blockers **2020**,		18
57	Cell biology: Calcium contradictions in cilia. *Nature*, **2016**, 531, 582-3	50.4	17
56	Control of the centriole and centrosome cycles by ubiquitination enzymes. *Oncogene*, **2002**, 21, 6209-21	9.2	17
55	Cost effectiveness of the two-compound formulation calcipotriol and betamethasone dipropionate gel in the treatment of scalp psoriasis in Scotland. *Current Medical Research and Opinion*, **2011**, 27, 269-84	2.5	16
54	A high-content cellular senescence screen identifies candidate tumor suppressors, including EPHA3. *Cell Cycle*, **2013**, 12, 625-34	4.7	15
53	Combined Proteomic and Genetic Interaction Mapping Reveals New RAS Effector Pathways and Susceptibilities. *Cancer Discovery*, **2020**, 10, 1950-1967	24.4	15
52	Guanine Nucleotide Exchange Assay Using Fluorescent MANT-GDP. *Bio-protocol*, **2018**, 8,	0.9	15
51	Novel fibrillar structure in the inversin compartment of primary cilia revealed by 3D single-molecule superresolution microscopy. *Molecular Biology of the Cell*, **2020**, 31, 619-639	3.5	14
50	Nek8 couples renal ciliopathies to DNA damage and checkpoint control. *Molecular Cell*, **2013**, 51, 407-8	17.6	14
49	A psoriasis-specific model to support decision making in practice - UK experience. *Current Medical Research and Opinion*, **2011**, 27, 205-23	2.5	14
48	Emi2 at the crossroads: where CSF meets MPF. *Cell Cycle*, **2007**, 6, 732-8	4.7	13
47	Structured elements drive extensive circular RNA translation. *Molecular Cell*, **2021**, 81, 4300-4318.e13	17.6	13
46	p73 and FoxJ1: Programming Multiciliated Epithelia. *Trends in Cell Biology*, **2016**, 26, 239-240	18.3	12
45	The use of polyacrylamide gel electrophoresis for the analysis of acidic glycans labeled with the fluorophore 2-aminoacridone. *Electrophoresis*, **1994**, 15, 896-902	3.6	12
44	The hunt for cyclin. *Cell*, **2008**, 134, 199-202	56.2	10
43	Climbing the Greatwall to mitosis. *Molecular Cell*, **2006**, 22, 156-7	17.6	10
42	Detection of fluorescence dye-labeled proteins in 2-D gels using an Arthur 1442 Multiwavelength Fluoroimager. *BioTechniques*, **2001**, 31, 146-9	2.5	10

41	Purification and properties of a brain-specific protein, human 14-3-3 protein. *Biochemical Society Transactions*, **1980**, 8, 617-8	5.1	10
40	TTBK2 kinase: linking primary cilia and cerebellar ataxias. *Cell*, **2012**, 151, 697-699	56.2	9
39	Live-cell microscopy reveals small molecule inhibitor effects on MAPK pathway dynamics. *PLoS ONE* , **2011**, 6, e22607	3.7	9
38	Varshavsky's contributions. *Science*, **2004**, 306, 1290-2	33.3	9
37	Further analysis of singular vector and ENSO predictability in the Lamont model Part II: singular value and predictability. *Climate Dynamics*, **2010**, 35, 827-840	4.2	8
36	Cilia, tubby mice, and obesity. *Cilia*, **2013**, 2, 1	5.5	8
35	Heterogeneity in the treatment of moderately severe scalp psoriasis in Scotland - results of a survey of Scottish health professionals. *Current Medical Research and Opinion*, **2011**, 27, 239-49	2.5	7
34	Ethacridine inhibits SARS-CoV-2 by inactivating viral particles. *PLoS Pathogens*, **2021**, 17, e1009898	7.6	7
33	Regulating microtubules and genome stability via the CUL7/3M syndrome complex and CUL9. *Molecular Cell*, **2014**, 54, 713-5	17.6	6
32	A novel human kidney-specific protein detected by two-dimensional electrophoresis: Isolation, radioimmunoassay, and immunohistochemical localization. *Electrophoresis*, **1984**, 5, 362-369	3.6	6
31	Proteomic analysis of young and old mouse hematopoietic stem cells and their progenitors reveals post-transcriptional regulation in stem cells. *ELife*, **2020**, 9,	8.9	6
30	EZH2 Inactivates Primary Cilia to Activate Wnt and Drive Melanoma. *Cancer Cell*, **2018**, 34, 3-5	24.3	5
29	Ubiquitinating a phosphorylated Cdk inhibitor on the blades of the Cdc4 beta-propeller. *Cell*, **2003**, 112, 142-4	56.2	5
28	Screening of tissue microarrays for ubiquitin proteasome system components in tumors. *Methods in Enzymology*, **2005**, 399, 334-55	1.7	5
27	The application of high resolution two-dimensional polyacrylamide gel electrophoresis to the identification and purification of a protein, NG8.4, present in Neisseria gonorrhoea and the subsequent development of a radioimmunoassay. *Electrophoresis*, **1989**, 10, 456-63	3.6	5
26	cAMP Signaling in Nanodomains. *Cell*, **2020**, 182, 1379-1381	56.2	5
25	Determinants of SARS-CoV-2 entry and replication in airway mucosal tissue and susceptibility in smokers. *Cell Reports Medicine*, **2021**, 2, 100421	18	5
24	Ambivalent Spaces and Cultures of Resistance. *Antipode*, **2002**, 34, 326-329	3.1	4

23	Performance validation of an improved Xenon-arc lamp-based CCD camera system for multispectral imaging in proteomics. *Proteomics*, **2005**, 5, 4354-66	4.8	4
22	Oncoprotein-specific molecular interaction maps (SigMaps) for cancer network analyses. *Nature Biotechnology*, **2021**, 39, 215-224	44.5	4
21	Discovery of ciliary G protein-coupled receptors regulating pancreatic islet insulin and glucagon secretion. *Genes and Development*, **2021**, 35, 1243-1255	12.6	4
20	Oligomeric self-association contributes to E2A-PBX1-mediated oncogenesis. *Scientific Reports*, **2019**, 9, 4915	4.9	3
19	A defective viral genome strategy elicits broad protective immunity against respiratory viruses. *Cell* , **2021**, 184, 6037-6051.e14	56.2	3
18	Discovery of ciliary G protein-coupled receptors regulating pancreatic islet insulin and glucagon secretion		3
17	Ethacridine inhibits SARS-CoV-2 by inactivating viral particles in cellular models **2020**,		3
16	Navigating the deubiquitinating proteome with a CompPASS. *Cell*, **2009**, 138, 222-4	56.2	2
15	Putting transcription repression and protein destruction in pRb's pocket. *Developmental Cell*, **2007**, 12, 169-70	10.2	2
14	Specific fluorescent detection of disulphide-bridged peptides on thin-layer chromatograms. *Biochemical Society Transactions*, **1986**, 14, 750-751	5.1	2
13	High-resolution two-dimensional analysis of human brain soluble proteins. *Biochemical Society Transactions*, **1980**, 8, 616-7	5.1	2
12	Multi-omic analysis reveals divergent molecular events in scarring and regenerative wound healing.. *Cell Stem Cell*, **2022**,	18	2
11	Identifying cancer drivers. *Science*, **2021**, 374, 38-39	33.3	2
10	Biochemical analysis of the Anaphase Promoting Complex: activities of E2 enzymes and substrate competitive (pseudosubstrate) inhibitors. *Methods in Molecular Biology*, **2009**, 545, 313-30	1.4	1
9	Connecting autoimmune disease to Bardet-Biedl syndrome and primary cilia. *EMBO Reports*, **2021**, 22, e52180	6.5	1
8	LKB1 drives stasis and C/EBP-mediated reprogramming to an alveolar type II fate in lung cancer.. *Nature Communications*, **2022**, 13, 1090	17.4	1
7	Primary cilia on muscle stem cells are critical to maintain regenerative capacity and are lost during aging.. *Nature Communications*, **2022**, 13, 1439	17.4	1
6	Molecular requirements for rapid plasmacytoma and pre-B lymphoma induction by Abelson murine leukemia virus in myc-transgenic mice. *International Journal of Cancer*, **1994**, 58, 135-41	7.5	0

5	Structure-activity mapping of ARHGAP36 reveals regulatory roles for its GAP homology and C-terminal domains. *PLoS ONE*, **2021**, 16, e0251684	3.7	0
4	Essential Business Coaching Averil Leimon, Franois Moscovici and Gladeana McMahon. *Human Resource Management Journal*, **2007**, 17, 97-98	5.1	
3	The Evi5 Oncogene Regulates Cyclin Accumulation by Stabilizing the Anaphase-Promoting Complex Inhibitor Emi1. *Cell*, **2006**, 124, 1301-1302	56.2	
2	Monoclonal antibodies and the structure of complement component C9. *Biochemical Society Transactions*, **1985**, 13, 105-106	5.1	
1	High Throughput Tandem-Affinity Proteomics Builds Protein Interactomes to Explain Human Disease. *FASEB Journal*, **2012**, 26, 464.3	0.9	