

Alan R Prescott

List of Publications by Year in descending order

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192
papers

15,975
citations

13865

67
h-index

19190

118
g-index

204
all docs

204
docs citations

204
times ranked

20303
citing authors

#	ARTICLE	IF	CITATIONS
1	Enhanced Dendritic Cell Antigen Capture via Toll-Like Receptor-Induced Actin Remodeling. <i>Science</i> , 2004, 305, 1153-1157.	12.6	462
2	Basal Mitophagy Occurs Independently of PINK1 in Mouse Tissues of High Metabolic Demand. <i>Cell Metabolism</i> , 2018, 27, 439-449.e5.	16.2	439
3	AMP-activated protein kinase: greater AMP dependence, and preferential nuclear localization, of complexes containing the $\alpha 2$ isoform. <i>Biochemical Journal</i> , 1998, 334, 177-187.	3.7	410
4	MO25 β interact with STRAD β enhancing their ability to bind, activate and localize LKB1 in the cytoplasm. <i>EMBO Journal</i> , 2003, 22, 5102-5114.	7.8	388
5	Characterization of a selective inhibitor of the Parkinson's disease kinase LRRK2. <i>Nature Chemical Biology</i> , 2011, 7, 203-205.	8.0	380
6	Class I MHC presentation of exogenous soluble antigen via macropinocytosis in bone marrow macrophages. <i>Immunity</i> , 1995, 3, 783-791.	14.3	375
7	<i>mito</i> -QC illuminates mitophagy and mitochondrial architecture in vivo. <i>Journal of Cell Biology</i> , 2016, 214, 333-345.	5.2	362
8	14-3-3 binding to LRRK2 is disrupted by multiple Parkinson's disease-associated mutations and regulates cytoplasmic localization. <i>Biochemical Journal</i> , 2010, 430, 393-404.	3.7	355
9	Inhibition of LRRK2 kinase activity leads to dephosphorylation of Ser910/Ser935, disruption of 14-3-3 binding and altered cytoplasmic localization. <i>Biochemical Journal</i> , 2010, 430, 405-413.	3.7	355
10	The coated pit and macropinocytic pathways serve distinct endosome populations. <i>Journal of Cell Biology</i> , 1994, 124, 689-703.	5.2	341
11	Constitutive macropinocytosis allows TAP α -dependent major histocompatibility complex class I presentation of exogenous soluble antigen by bone marrow α -derived dendritic cells. <i>European Journal of Immunology</i> , 1997, 27, 280-288.	2.9	321
12	Loss of Kindlin-1, a Human Homolog of the <i>Caenorhabditis elegans</i> Actin α -Extracellular-Matrix Linker Protein UNC-112, Causes Kindler Syndrome. <i>American Journal of Human Genetics</i> , 2003, 73, 174-187.	6.2	305
13	Essential role of PDK1 in regulating cell size and development in mice. <i>EMBO Journal</i> , 2002, 21, 3728-3738.	7.8	282
14	Molecular mechanisms of kinetochore capture by spindle microtubules. <i>Nature</i> , 2005, 434, 987-994.	27.8	260
15	Rac is required for constitutive macropinocytosis by dendritic cells but does not control its downregulation. <i>Current Biology</i> , 2000, 10, 839-848.	3.9	245
16	BslA is a self-assembling bacterial hydrophobin that coats the <i>Bacillus subtilis</i> biofilm. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 13600-13605.	7.1	244
17	Characterization of VPS34-IN1, a selective inhibitor of Vps34, reveals that the phosphatidylinositol 3-phosphate-binding SCK3 protein kinase is a downstream target of class III phosphoinositide 3-kinase. <i>Biochemical Journal</i> , 2014, 463, 413-427.	3.7	233
18	Roles of the forkhead in rhabdomyosarcoma (FKHR) phosphorylation sites in regulating 14-3-3 binding, transactivation and nuclear targeting. <i>Biochemical Journal</i> , 2001, 354, 605-612.	3.7	227

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19	Burkholderia phymatum is a highly effective nitrogen-fixing symbiont of Mimosa spp. and fixes nitrogen ex planta. <i>New Phytologist</i> , 2007, 173, 168-180.	7.3	210
20	Two novel phosphorylation sites on FKHR that are critical for its nuclear exclusion. <i>EMBO Journal</i> , 2002, 21, 2263-2271.	7.8	205
21	PGE2 Induces Macrophage IL-10 Production and a Regulatory-like Phenotype via a Protein Kinase A-SIK-CRTC3 Pathway. <i>Journal of Immunology</i> , 2013, 190, 565-577.	0.8	197
22	Deficiency of LKB1 in heart prevents ischemia-mediated activation of AMPK α 2 but not AMPK α 1. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2006, 290, E780-E788.	3.5	193
23	The prohibitin family of mitochondrial proteins regulate replicative lifespan. <i>Current Biology</i> , 1997, 7, 607-610.	3.9	191
24	Binding to serine 65-phosphorylated ubiquitin primes Parkin for optimal PINK-dependent phosphorylation and activation. <i>EMBO Reports</i> , 2015, 16, 939-954.	4.5	183
25	Proof that Burkholderia Strains Form Effective Symbioses with Legumes: a Study of Novel Mimosa-Nodulating Strains from South America. <i>Applied and Environmental Microbiology</i> , 2005, 71, 7461-7471.	3.1	172
26	Regulation of activity and localization of the WNK1 protein kinase by hyperosmotic stress. <i>Journal of Cell Biology</i> , 2007, 176, 89-100.	5.2	170
27	Structural insights into the regulation of PDK1 by phosphoinositides and inositol phosphates. <i>EMBO Journal</i> , 2004, 23, 3918-3928.	7.8	167
28	Small Molecule Antagonists of the γ -1 Receptor Cause Selective Release of the Death Program in Tumor and Self-Reliant Cells and Inhibit Tumor Growth in Vitro and in Vivo. <i>Cancer Research</i> , 2004, 64, 4875-4886.	0.9	164
29	Inhibition of Autophagy in Mitotic Animal Cells. <i>Traffic</i> , 2002, 3, 878-893.	2.7	163
30	New Roles for the LKB1-NUAK Pathway in Controlling Myosin Phosphatase Complexes and Cell Adhesion. <i>Science Signaling</i> , 2010, 3, ra25.	3.6	155
31	Roles of the forkhead in rhabdomyosarcoma (FKHR) phosphorylation sites in regulating 14-3-3 binding, transactivation and nuclear targeting. <i>Biochemical Journal</i> , 2001, 354, 605.	3.7	152
32	Regulation of the NKCC2 ion cotransporter by SPAK-OSR1-dependent and -independent pathways. <i>Journal of Cell Science</i> , 2011, 124, 789-800.	2.0	150
33	Altered aggregation properties of mutant β -crystallins cause inherited cataract. <i>EMBO Journal</i> , 2002, 21, 6005-6014.	7.8	147
34	Time-lapse Imaging Reveals Dynamic Relocalization of PP1 β throughout the Mammalian Cell Cycle. <i>Molecular Biology of the Cell</i> , 2003, 14, 107-117.	2.1	145
35	The adenomatous polyposis coli protein unambiguously localizes to microtubule plus ends and is involved in establishing parallel arrays of microtubule bundles in highly polarized epithelial cells. <i>Journal of Cell Biology</i> , 2002, 157, 1041-1048.	5.2	144
36	Structural characterisation of two forms of procyclic acidic repetitive protein expressed by procyclic forms of <i>Trypanosoma brucei</i> . <i>Journal of Molecular Biology</i> , 1997, 269, 529-547.	4.2	138

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37	Tmem79/Matt is the matted mouse gene and is a predisposing gene for atopic dermatitis in human subjects. <i>Journal of Allergy and Clinical Immunology</i> , 2013, 132, 1121-1129.	2.9	135
38	Dendritic cell podosomes are protrusive and invade the extracellular matrix using metalloproteinase MMP-14. <i>Journal of Cell Science</i> , 2010, 123, 1427-1437.	2.0	133
39	Nodulation of <i>Mimosa</i> spp. by the \hat{I}^2 -Proteobacterium <i>Ralstonia taiwanensis</i> . <i>Molecular Plant-Microbe Interactions</i> , 2003, 16, 1051-1061.	2.6	131
40	The in vivo role of PtdIns(3,4,5)P3 binding to PDK1 PH domain defined by knockin mutation. <i>EMBO Journal</i> , 2004, 23, 2071-2082.	7.8	131
41	Analysis of the LKB1-STRAD-MO25 complex. <i>Journal of Cell Science</i> , 2004, 117, 6365-6375.	2.0	130
42	TPL2-mediated activation of ERK1 and ERK2 regulates the processing of pre-TNF \hat{I} in LPS-stimulated macrophages. <i>Journal of Cell Science</i> , 2008, 121, 149-154.	2.0	124
43	The Alexander Disease \hat{I} Causing Glial Fibrillary Acidic Protein Mutant, R416W, Accumulates into Rosenthal Fibers by a Pathway That Involves Filament Aggregation and the Association of \hat{I} \pm B-Crystallin and HSP27. <i>American Journal of Human Genetics</i> , 2006, 79, 197-213.	6.2	123
44	The <i>Talpid3</i> gene (<i>KIAA0586</i>) encodes a centrosomal protein that is essential for primary cilia formation. <i>Development (Cambridge)</i> , 2009, 136, 655-664.	2.5	123
45	Fin development in a cartilaginous fish and the origin of vertebrate limbs. <i>Nature</i> , 2002, 416, 527-531.	27.8	113
46	YuaB Functions Synergistically with the Exopolysaccharide and TasA Amyloid Fibers To Allow Biofilm Formation by <i>Bacillus subtilis</i> . <i>Journal of Bacteriology</i> , 2011, 193, 4821-4831.	2.2	111
47	ERK/p90RSK/14-3-3 signalling has an impact on expression of PEA3 Ets transcription factors via the transcriptional repressor capic \hat{A} . <i>Biochemical Journal</i> , 2011, 433, 515-525.	3.7	107
48	Desmin Aggregate Formation by R120G \hat{I} \pm B-Crystallin Is Caused by Altered Filament Interactions and Is Dependent upon Network Status in Cells. <i>Molecular Biology of the Cell</i> , 2004, 15, 2335-2346.	2.1	99
49	WNK1, the kinase mutated in an inherited high-blood-pressure syndrome, is a novel PKB (protein kinase) Tj ETQq1 1,0.784314rgBT /O	3.7	96
50	The ubiquitin-associated domain of AMPK-related kinases regulates conformation and LKB1-mediated phosphorylation and activation. <i>Biochemical Journal</i> , 2006, 394, 545-555.	3.7	95
51	14-3-3 cooperates with LKB1 to regulate the activity and localization of QSK and SIK. <i>Journal of Cell Science</i> , 2005, 118, 5661-5673.	2.0	94
52	Siglec-E is a negative regulator of acute pulmonary neutrophil inflammation and suppresses CD11b \hat{I} \pm 2-integrin \hat{I} dependent signaling. <i>Blood</i> , 2013, 121, 2084-2094.	1.4	94
53	High-Confidence Glycosome Proteome for Procyclic Form <i>Trypanosoma brucei</i> by Epitope-Tag Organelle Enrichment and SILAC Proteomics. <i>Journal of Proteome Research</i> , 2014, 13, 2796-2806.	3.7	92
54	Recognition of the major cell surface glycoconjugates of <i>Leishmania</i> parasites by the human serum mannan-binding protein. <i>Molecular and Biochemical Parasitology</i> , 1994, 66, 319-328.	1.1	91

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55	Knockout of the intermediate filament protein CP49 destabilises the lens fibre cell cytoskeleton and decreases lens optical quality, but does not induce cataract. <i>Experimental Eye Research</i> , 2003, 76, 385-391.	2.6	91
56	Cajal body proteins SMN and Coilin show differential dynamic behaviour in vivo. <i>Journal of Cell Science</i> , 2003, 116, 2039-2050.	2.0	91
57	A proteomic approach to identify early molecular targets of oxidative stress in human epithelial lens cells. <i>Biochemical Journal</i> , 2004, 378, 929-937.	3.7	91
58	The C Terminus of Lens Aquaporin 0 Interacts with the Cytoskeletal Proteins Filensin and CP49. , 2006, 47, 1562.		91
59	Rapid and Reversible Knockdown of Endogenously Tagged Endosomal Proteins via an Optimized HaloPROTAC Degradator. <i>ACS Chemical Biology</i> , 2019, 14, 882-892.	3.4	88
60	Rapid induction of apoptosis mediated by peptides that bind initiation factor eIF4E. <i>Current Biology</i> , 2000, 10, 793-796.	3.9	86
61	Cellular Responses to the Metal-Binding Properties of Metformin. <i>Diabetes</i> , 2012, 61, 1423-1433.	0.6	85
62	Phosphorylation of Parkin at serine 65 is essential for its activation <i>in vivo</i> . <i>Open Biology</i> , 2018, 8, 180108.	3.6	81
63	Changes in the nucleolar and coiled body compartments precede lamina and chromatin reorganization during fibre cell denucleation in the bovine lens. <i>European Journal of Cell Biology</i> , 1998, 75, 237-246.	3.6	80
64	TLR ligand-induced podosome disassembly in dendritic cells is ADAM17 dependent. <i>Journal of Cell Biology</i> , 2008, 182, 993-1005.	5.2	78
65	Triggering MSR1 promotes JNK-mediated inflammation in IL-4-activated macrophages. <i>EMBO Journal</i> , 2019, 38, .	7.8	78
66	Three Murine Cataract Mutants (Cat2) Are Defective in Different β -Crystallin Genes. <i>Genomics</i> , 1998, 52, 152-158.	2.9	77
67	Molecular characterisation of mitochondrial and cytosolic trypanothione-dependent trypanothione peroxidases in <i>Trypanosoma brucei</i> . <i>Molecular and Biochemical Parasitology</i> , 2001, 116, 171-183.	1.1	75
68	The Suppression of Galactose Metabolism in Procylic Form <i>Trypanosoma brucei</i> Causes Cessation of Cell Growth and Alters Procylic Glycoprotein Structure and Copy Number. <i>Journal of Biological Chemistry</i> , 2005, 280, 19728-19736.	3.4	70
69	A Systemic Lupus Erythematosus-associated R77H Substitution in the CD11b Chain of the Mac-1 Integrin Compromises Leukocyte Adhesion and Phagocytosis. <i>Journal of Biological Chemistry</i> , 2011, 286, 17303-17310.	3.4	70
70	<i>Trypanosoma brucei</i> Glycoproteins Contain Novel Giant Poly-N-acetyllactosamine Carbohydrate Chains. <i>Journal of Biological Chemistry</i> , 2005, 280, 865-871.	3.4	69
71	Ninein is released from the centrosome and moves bi-directionally along microtubules. <i>Journal of Cell Science</i> , 2007, 120, 3064-3074.	2.0	68
72	Novel MHC Class I Structures on Exosomes. <i>Journal of Immunology</i> , 2009, 183, 1884-1891.	0.8	68

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73	Characterization of WZ4003 and HTH-01-015 as selective inhibitors of the LKB1-tumour-suppressor-activated NUAK kinases. <i>Biochemical Journal</i> , 2014, 457, 215-225.	3.7	67
74	The clinically approved drugs dasatinib and bosutinib induce anti-inflammatory macrophages by inhibiting the salt-inducible kinases. <i>Biochemical Journal</i> , 2015, 465, 271-279.	3.7	67
75	The beaded filament of the eye lens: an unexpected key to intermediate filament structure and function. <i>Trends in Cell Biology</i> , 1996, 6, 123-126.	7.9	65
76	High-resolution quantitative proteome analysis reveals substantial differences between phagosomes of RAW 264.7 and bone marrow derived macrophages. <i>Proteomics</i> , 2015, 15, 3169-3174.	2.2	65
77	A conserved ATG2-GABARAP family interaction is critical for phagophore formation. <i>EMBO Reports</i> , 2020, 21, e48412.	4.5	64
78	Expression of limb initiation genes and clues to the morphological diversification of threespine stickleback. <i>Current Biology</i> , 2003, 13, R951-R952.	3.9	62
79	Antagonistic action of Six3 and Prox1 at the gamma-crystallin promoter. <i>Nucleic Acids Research</i> , 2001, 29, 515-526.	14.5	61
80	Regulation of the polarity kinases PAR-1/MARK by 14-3-3 interaction and phosphorylation. <i>Journal of Cell Science</i> , 2006, 119, 4059-4070.	2.0	61
81	FGF-2 Release from the Lens Capsule by MMP-2 Maintains Lens Epithelial Cell Viability. <i>Molecular Biology of the Cell</i> , 2007, 18, 4222-4231.	2.1	61
82	The Nuclear DEAD Box RNA Helicase p68 Interacts with the Nucleolar Protein Fibrillarin and Colocalizes Specifically in Nascent Nucleoli during Telophase. <i>Experimental Cell Research</i> , 2000, 257, 272-280.	2.6	58
83	Activated cAMP receptors switch encystation into sporulation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 7089-7094.	7.1	57
84	Bifunctionality of a biofilm matrix protein controlled by redox state. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E6184-E6191.	7.1	57
85	Pharmacological rescue of impaired mitophagy in Parkinson's disease-related LRRK2 G2019S knock-in mice. <i>ELife</i> , 2021, 10, .	6.0	57
86	Nuclear speckle localisation of the small heat shock protein β -crystallin and its inhibition by the R120G cardiomyopathy-linked mutation. <i>Experimental Cell Research</i> , 2003, 287, 249-261.	2.6	56
87	Proximal effects of Toll-like receptor activation in dendritic cells. <i>Current Opinion in Immunology</i> , 2007, 19, 73-78.	5.5	56
88	The β 2 integrin-kindlin-3 interaction is essential for T-cell homing but dispensable for T-cell activation in vivo. <i>Blood</i> , 2013, 122, 1428-1436.	1.4	56
89	Gap Junctions Containing β 8-Connexin (MP70) in the Adult Mammalian Lens Epithelium Suggests a Re-evaluation of its Role in the Lens. <i>Experimental Eye Research</i> , 1999, 69, 45-56.	2.6	55
90	Nuclear localization of protein phosphatase 5 is dependent on the carboxy-terminal region. <i>FEBS Letters</i> , 2001, 491, 279-284.	2.8	55

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91	TBK2 kinase substrate specificity and the impact of spinocerebellar-ataxia-causing mutations on expression, activity, localization and development. <i>Biochemical Journal</i> , 2011, 437, 157-167.	3.7	55
92	GSK3-mediated raptor phosphorylation supports amino-acid-dependent mTORC1-directed signalling. <i>Biochemical Journal</i> , 2015, 470, 207-221.	3.7	55
93	p14 Arf Promotes Small Ubiquitin-like Modifier Conjugation of Werners Helicase. <i>Journal of Biological Chemistry</i> , 2004, 279, 50157-50166.	3.4	53
94	Biochemical analysis of TssK, a core component of the bacterial Type VI secretion system, reveals distinct oligomeric states of TssK and identifies a TssK-TssFG subcomplex. <i>Biochemical Journal</i> , 2014, 461, 291-304.	3.7	53
95	A comparative map of macroautophagy and mitophagy in the vertebrate eye. <i>Autophagy</i> , 2019, 15, 1296-1308.	9.1	53
96	The trigger to cell death determines the efficiency with which dying cells are cleared by neighbours. <i>Cell Death and Differentiation</i> , 2001, 8, 734-746.	11.2	52
97	Lysosomal protease deficiency or substrate overload induces an oxidative-stress mediated STAT3-dependent pathway of lysosomal homeostasis. <i>Nature Communications</i> , 2018, 9, 5343.	12.8	52
98	Evidence for Prebudding Arrest of ER Export in Animal Cell Mitosis and its Role in Generating Golgi Partitioning Intermediates. <i>Traffic</i> , 2001, 2, 321-335.	2.7	51
99	A role for the actin cytoskeleton in the hormonal and growth-factor-mediated activation of protein kinase B. <i>Biochemical Journal</i> , 2000, 352, 617-622.	3.7	49
100	Interaction of the protein tyrosine phosphatase PTPL1 with the PtdIns(3,4)P2-binding adaptor protein TAPP1. <i>Biochemical Journal</i> , 2003, 376, 525-535.	3.7	48
101	The Synthesis of UDP-N-acetylglucosamine Is Essential for Bloodstream Form <i>Trypanosoma brucei</i> in Vitro and in Vivo and UDP-N-acetylglucosamine Starvation Reveals a Hierarchy in Parasite Protein Glycosylation. <i>Journal of Biological Chemistry</i> , 2008, 283, 16147-16161.	3.4	48
102	Bfsp2 mutation found in mouse 129 strains causes the loss of CP49 TM and induces vimentin-dependent changes in the lens fibre cell cytoskeleton. <i>Experimental Eye Research</i> , 2004, 78, 875-889.	2.6	46
103	Membrane ruffling, macropinocytosis and antigen presentation in the absence of gelsolin in murine dendritic cells. <i>European Journal of Immunology</i> , 1999, 29, 3450-3455.	2.9	45
104	Inositol phospholipids regulate the guanine-nucleotide-exchange factor Tiam1 by facilitating its binding to the plasma membrane and regulating GDP/GTP exchange on Rac1. <i>Biochemical Journal</i> , 2004, 382, 857-865.	3.7	44
105	Homeostasis in the vertebrate lens: mechanisms of solute exchange. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2011, 366, 1265-1277.	4.0	44
106	Up-regulation of novel intermediate filament proteins in primary fiber cells: An indicator of all vertebrate lens fiber differentiation?. <i>The Anatomical Record</i> , 2000, 258, 25-33.	1.8	43
107	The Manganese Cation Disrupts Membrane Dynamics along the Secretory Pathway. <i>Experimental Cell Research</i> , 2000, 259, 167-179.	2.6	43
108	A key role for PTP1B in dendritic cell maturation, migration, and T cell activation. <i>Journal of Molecular Cell Biology</i> , 2015, 7, 517-528.	3.3	42

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109	Antigen endocytosis and presentation mediated by human membrane IgG1 in the absence of the Ig $\hat{1}$ \pm /Ig $\hat{1}$ $\hat{2}$ dimer. EMBO Journal, 1997, 16, 3842-3850.	7.8	41
110	The specificity of the interaction between $\hat{1}$ \pm B-crystallin and desmin filaments and its impact on filament aggregation and cell viability. Philosophical Transactions of the Royal Society B: Biological Sciences, 2013, 368, 20120375.	4.0	40
111	Antibody RING-Mediated Destruction of Endogenous Proteins. Molecular Cell, 2020, 79, 155-166.e9.	9.7	40
112	Depletion of protein phosphatase 4 in human cells reveals essential roles in centrosome maturation, cell migration and the regulation of Rho GTPases. International Journal of Biochemistry and Cell Biology, 2008, 40, 2315-2332.	2.8	38
113	Using a Pericentromeric Interspersed Repeat to Recapitulate the Phylogeny and Expansion of Human Centromeric Segmental Duplications. Molecular Biology and Evolution, 2003, 20, 1463-1479.	8.9	36
114	A critical role for beta2 integrins in podosome formation, dynamics and TLR-signaled disassembly in dendritic cells. Journal of Cell Science, 2014, 127, 4213-24.	2.0	35
115	Scatter factor affects major changes in the cytoskeletal organization of epithelial cells. Cytokine, 1991, 3, 299-310.	3.2	34
116	Bfsp2 mutation found in mouse 129 strains causes the loss of CP49 and induces vimentin-dependent changes in the lens fibre cell cytoskeleton. Experimental Eye Research, 2004, 78, 109-123.	2.6	33
117	A role for ARF6 in dendritic cell podosome formation and migration. European Journal of Immunology, 2008, 38, 818-828.	2.9	33
118	Molecular mechanism of elongation factor 1A inhibition by a Legionella pneumophila glycosyltransferase. Biochemical Journal, 2010, 426, 281-292.	3.7	33
119	Dysregulation of autophagy in chronic lymphocytic leukemia with the small-molecule Sirtuin inhibitor Tenovin-6. Scientific Reports, 2013, 3, 1275.	3.3	33
120	Mechanism of activation of SGK3 by growth factors via the Class 1 and Class 3 PI3Ks. Biochemical Journal, 2018, 475, 117-135.	3.7	33
121	A Correlated Study of Metabolic Cell Communication and Gap Junction Distribution in the Adult Frog Lens. Experimental Eye Research, 1994, 58, 737-746.	2.6	32
122	Observation of keratin particles showing fast bidirectional movement colocalized with microtubules. Journal of Cell Science, 2003, 116, 1417-1427.	2.0	32
123	An intranucleolar body associated with rDNA. Chromosoma, 2011, 120, 481-499.	2.2	30
124	Transformation of monomorphic Trypanosoma brucei bloodstream form trypomastigotes into procyclic forms at 37 \hat{A} C by removing glucose from the culture medium. Molecular and Biochemical Parasitology, 1998, 94, 99-112.	1.1	29
125	Sigma Receptor Antagonists Inhibit Human Lens Cell Growth and Induce Pigmentation. , 2005, 46, 1403.		29
126	Global ubiquitylation analysis of mitochondria in primary neurons identifies endogenous Parkin targets following activation of PINK1. Science Advances, 2021, 7, eabj0722.	10.3	29

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127	DEAF1 Is a Pellino1-interacting Protein Required for Interferon Production by Sendai Virus and Double-stranded RNA*. Journal of Biological Chemistry, 2013, 288, 24569-24580.	3.4	28
128	<scp>FAM</scp> 83D directs protein kinase <scp>CK</scp> 1± to the mitotic spindle for proper spindle positioning. EMBO Reports, 2019, 20, e47495.	4.5	28
129	ZNRF2 is released from membranes by growth factors and, together with ZNRF1, regulates the Na ⁺ /K ⁺ -ATPase. Journal of Cell Science, 2012, 125, 4662-4675.	2.0	27
130	Diamide induces reversible changes in morphology, cytoskeleton and cell-cell coupling in lens epithelial cells. Experimental Eye Research, 1991, 52, 83-92.	2.6	26
131	Fate of Glycosylphosphatidylinositol (GPI)-Less Procyclin and Characterization of Sialylated Non-GPI-Anchored Surface Coat Molecules of Procyclic-Form <i>Trypanosoma brucei</i> . Eukaryotic Cell, 2009, 8, 1407-1417.	3.4	26
132	A synthetic system for expression of components of a bacterial microcompartment. Microbiology (United Kingdom), 2013, 159, 2427-2436.	1.8	26
133	Brd4 isoform switching coordinates pluripotent exit and Smad2-dependent lineage specification. EMBO Reports, 2017, 18, 1108-1122.	4.5	26
134	FAM83G/PAWS1 controls cytoskeletal dynamics and cell migration through association with the SH3 adaptor CD2AP. Journal of Cell Science, 2018, 131, .	2.0	26
135	Elevated circulating amyloid concentrations in obesity and diabetes promote vascular dysfunction. Journal of Clinical Investigation, 2020, 130, 4104-4117.	8.2	26
136	Association of the nuclear matrix component NuMA with the Cajal body and nuclear speckle compartments during transitions in transcriptional activity in lens cell differentiation. European Journal of Cell Biology, 2002, 81, 557-566.	3.6	25
137	The Spontaneously Adhesive Leukocyte Function-associated Antigen-1 (LFA-1) Integrin in Effector T Cells Mediates Rapid Actin- and Calmodulin-dependent Adhesion Strengthening to Ligand under Shear Flow. Journal of Biological Chemistry, 2013, 288, 14698-14708.	3.4	25
138	A Role for PP1/NIPPI in Steering Migration of Human Cancer Cells. PLoS ONE, 2012, 7, e40769.	2.5	25
139	The Intermediate Filament Systems in the Eye Lens. Methods in Cell Biology, 2004, 78, 597-624.	1.1	23
140	EMSY expression affects multiple components of the skin barrier with relevance to atopic dermatitis. Journal of Allergy and Clinical Immunology, 2019, 144, 470-481.	2.9	23
141	IKK ² is required for the formation of the NLRP3 inflammasome. EMBO Reports, 2021, 22, e50743.	4.5	23
142	The E3 ubiquitin ligase ZNRF2 is a substrate of mTORC1 and regulates its activation by amino acids. ELife, 2016, 5, .	6.0	22
143	Membrane and junctional properties of the isolated frog lens epithelium. Journal of Membrane Biology, 1988, 102, 195-204.	2.1	21
144	118 Susceptibility of lens epithelial and fibre cells at different stages of differentiation to apoptosis. Biochemical Society Transactions, 1998, 26, S349-S349.	3.4	20

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145	Endocytosis of DNA-Hsp65 Alters the pH of the Late Endosome/Lysosome and Interferes with Antigen Presentation. <i>PLoS ONE</i> , 2007, 2, e923.	2.5	20
146	Expression and localisation of apical junctional complex proteins in lens epithelial cells. <i>Experimental Eye Research</i> , 2008, 87, 64-70.	2.6	20
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