Alan R Prescott

List of Publications by Year in Descending Order

195 papers	13,229 citations	64 h-index	110 g-index
204 ext. papers	14,868 ext. citations	6.5 avg, IF	5.91 L-index

#	Paper	IF	Citations
195	Why are the phenotypes of TRAF6 knock-in and TRAF6 knock-out mice so different?. *PLoS ONE*, **2022**, 17, e0263151	3.7	0
194	The importance of the epithelial fibre cell interface to lens regeneration in an in vivo rat model and in a human bag-in-the-lens (BiL) sample. *Experimental Eye Research*, **2021**, 213, 108808	3.7	0
193	Global ubiquitylation analysis of mitochondria in primary neurons identifies endogenous Parkin targets following activation of PINK1. *Science Advances*, **2021**, 7, eabj0722	14.3	5
192	Nucleotide sugar biosynthesis occurs in the glycosomes of procyclic and bloodstream form Trypanosoma brucei. *PLoS Neglected Tropical Diseases*, **2021**, 15, e0009132	4.8	6
191	Pharmacological rescue of impaired mitophagy in Parkinson's disease-related LRRK2 G2019S knock-in mice. *ELife*, **2021**, 10,	8.9	10
190	IKK is required for the formation of the NLRP3 inflammasome. *EMBO Reports*, **2021**, 22, e50743	6.5	2
189	Ultrasound mediated delivery of quantum dots from a proof of concept capsule endoscope to the gastrointestinal wall. *Scientific Reports*, **2021**, 11, 2584	4.9	6
188	Inhibition of IL-34 Unveils Tissue-Selectivity and Is Sufficient to Reduce Microglial Proliferation in a Model of Chronic Neurodegeneration. *Frontiers in Immunology*, **2020**, 11, 579000	8.4	8
187	Antibody RING-Mediated Destruction of Endogenous Proteins. *Molecular Cell*, **2020**, 79, 155-166.e9	17.6	11
186	Elevated circulating amyloid concentrations in obesity and diabetes promote vascular dysfunction. *Journal of Clinical Investigation*, **2020**, 130, 4104-4117	15.9	10
185	A conserved ATG2-GABARAP family interaction is critical for phagophore formation. *EMBO Reports*, **2020**, 21, e48412	6.5	32
184	EMSY expression affects multiple components of the skin barrier with relevance to atopic dermatitis. *Journal of Allergy and Clinical Immunology*, **2019**, 144, 470-481	11.5	12
183	Triggering MSR1 promotes JNK-mediated inflammation in IL-4-activated macrophages. *EMBO Journal*, **2019**, 38,	13	33
182	Rapid and Reversible Knockdown of Endogenously Tagged Endosomal Proteins via an Optimized HaloPROTAC Degrader. *ACS Chemical Biology*, **2019**, 14, 882-892	4.9	44
181	A comparative map of macroautophagy and mitophagy in the vertebrate eye. *Autophagy*, **2019**, 15, 1296-1308	10.2	30
180	FAM83D directs protein kinase CK1 to the mitotic spindle for proper spindle positioning. *EMBO Reports*, **2019**, 20, e47495	6.5	16
179	Proteomic analysis of a filaggrin-deficient skin organoid model shows evidence of increased transcriptional-translational activity, keratinocyte-immune crosstalk and disordered axon guidance. *Wellcome Open Research*, **2019**, 4, 134	4.8	3

178	Phosphoproteomics reveals that the hVPS34 regulated SGK3 kinase specifically phosphorylates endosomal proteins including Syntaxin-7, Syntaxin-12, RFIP4 and WDR44. *Biochemical Journal*, **2019**, 476, 3081-3107	3.8	6
177	Basal Mitophagy Occurs Independently of PINK1 in Mouse Tissues of High Metabolic Demand. *Cell Metabolism*, **2018**, 27, 439-449.e5	24.6	280
176	PAWS1 controls cytoskeletal dynamics and cell migration through association with the SH3 adaptor CD2AP. *Journal of Cell Science*, **2018**, 131,	5.3	19
175	Mechanism of activation of SGK3 by growth factors via the Class 1 and Class 3 PI3Ks. *Biochemical Journal*, **2018**, 475, 117-135	3.8	20
174	Phosphorylation of Parkin at serine 65 is essential for its activation. *Open Biology*, **2018**, 8,	7	52
173	Lysosomal protease deficiency or substrate overload induces an oxidative-stress mediated STAT3-dependent pathway of lysosomal homeostasis. *Nature Communications*, **2018**, 9, 5343	17.4	33
172	Brd4-Brd2 isoform switching coordinates pluripotent exit and Smad2-dependent lineage specification. *EMBO Reports*, **2017**, 18, 1108-1122	6.5	19
171	Bifunctionality of a biofilm matrix protein controlled by redox state. *Proceedings of the National Academy of Sciences of the United States of America*, **2017**, 114, E6184-E6191	11.5	39
170	Rab-GTPase binding effector protein 2 (RABEP2) is a primed substrate for Glycogen Synthase kinase-3 (GSK3). *Scientific Reports*, **2017**, 7, 17682	4.9	4
169	mito-QC illuminates mitophagy and mitochondrial architecture in vivo. *Journal of Cell Biology*, **2016**, 214, 333-45	7.3	238
168	The E3 ubiquitin ligase ZNRF2 is a substrate of mTORC1 and regulates its activation by amino acids. *ELife*, **2016**, 5,	8.9	13
167	Deep Intronic Sequence Variants in COL2A1 Affect the Alternative Splicing Efficiency of Exon 2, and May Confer a Risk for Rhegmatogenous Retinal Detachment. *Human Mutation*, **2016**, 37, 1085-96	4.7	9
166	A key role for PTP1B in dendritic cell maturation, migration, and T cell activation. *Journal of Molecular Cell Biology*, **2015**, 7, 517-28	6.3	14
165	RAB1A promotes Vaccinia virus replication by facilitating the production of intracellular enveloped virions. *Virology*, **2015**, 475, 66-73	3.6	10
164	Binding to serine 65-phosphorylated ubiquitin primes Parkin for optimal PINK1-dependent phosphorylation and activation. *EMBO Reports*, **2015**, 16, 939-54	6.5	135
163	The PDK1-Rsk Signaling Pathway Controls Langerhans Cell Proliferation and Patterning. *Journal of Immunology*, **2015**, 195, 4264-72	5.3	8
162	High-resolution quantitative proteome analysis reveals substantial differences between phagosomes of RAW 264.7 and bone marrow derived macrophages. *Proteomics*, **2015**, 15, 3169-74	4.8	47
161	GSK3-mediated raptor phosphorylation supports amino-acid-dependent mTORC1-directed signalling. *Biochemical Journal*, **2015**, 470, 207-21	3.8	39

160	Suppression of interferon gene transcription by inhibitors of bromodomain and extra-terminal (BET) family members. *Biochemical Journal*, **2015**, 468, 363-72	3.8	8
159	The clinically approved drugs dasatinib and bosutinib induce anti-inflammatory macrophages by inhibiting the salt-inducible kinases. *Biochemical Journal*, **2015**, 465, 271-9	3.8	48
158	Abstract A04: Characterization of VPS34-IN1, a specific inhibitor of Vps34 reveals that the phosphatidylinositol 3-phosphate binding SGK3 protein kinase is regulated by class III PI-3 kinase **2015**,		2
157	Characterization of VPS34-IN1, a selective inhibitor of Vps34, reveals that the phosphatidylinositol 3-phosphate-binding SGK3 protein kinase is a downstream target of class III phosphoinositide 3-kinase. *Biochemical Journal*, **2014**, 463, 413-27	3.8	173
156	Interplay between Polo kinase, LKB1-activated NUAK1 kinase, PP1 MYPT1 phosphatase complex and the SCF TrCP E3 ubiquitin ligase. *Biochemical Journal*, **2014**, 461, 233-45	3.8	15
155	High-confidence glycosome proteome for procyclic form Trypanosoma brucei by epitope-tag organelle enrichment and SILAC proteomics. *Journal of Proteome Research*, **2014**, 13, 2796-806	5.6	72
154	Time-resolved quantitative proteomics implicates the core snRNP protein SmB together with SMN in neural trafficking. *Journal of Cell Science*, **2014**, 127, 812-27	5.3	12
153	A crucial role for 2 integrins in podosome formation, dynamics and Toll-like-receptor-signaled disassembly in dendritic cells. *Journal of Cell Science*, **2014**, 127, 4213-24	5.3	22
152	Characterization of WZ4003 and HTH-01-015 as selective inhibitors of the LKB1-tumour-suppressor-activated NUAK kinases. *Biochemical Journal*, **2014**, 457, 215-25	3.8	42
151	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. *Biochemical Journal*, **2014**, 461, 291-304	3.8	44
150	Transcriptionally correlated subcellular dynamics of MBNL1 during lens development and their implication for the molecular pathology of myotonic dystrophy type 1. *Biochemical Journal*, **2014**, 458, 267-80	3.8	7
149	Tmem79/Matt is the matted mouse gene and is a predisposing gene for atopic dermatitis in human subjects. *Journal of Allergy and Clinical Immunology*, **2013**, 132, 1121-9	11.5	108
148	A synthetic system for expression of components of a bacterial microcompartment. *Microbiology (United Kingdom)*, **2013**, 159, 2427-2436	2.9	24
147	Dysregulation of autophagy in chronic lymphocytic leukemia with the small-molecule Sirtuin inhibitor Tenovin-6. *Scientific Reports*, **2013**, 3, 1275	4.9	29
146	The specificity of the interaction between 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	5.8	34
145	PGE(2) induces macrophage IL-10 production and a regulatory-like phenotype via a protein kinase A-SIK-CRTC3 pathway. *Journal of Immunology*, **2013**, 190, 565-77	5.3	155
144	BslA is a self-assembling bacterial hydrophobin that coats the Bacillus subtilis biofilm. *Proceedings of the National Academy of Sciences of the United States of America*, **2013**, 110, 13600-5	11.5	185
143	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, 14698-708	5.4	21

142	Protein phosphatase 4 is phosphorylated and inactivated by Cdk in response to spindle toxins and interacts with Etubulin. *Cell Cycle*, **2013**, 12, 2876-87	4.7	17
141	p53 and cell cycle independent dysregulation of autophagy in chronic lymphocytic leukaemia. *British Journal of Cancer*, **2013**, 109, 2434-44	8.7	13
140	DEAF1 is a Pellino1-interacting protein required for interferon production by Sendai virus and double-stranded RNA. *Journal of Biological Chemistry*, **2013**, 288, 24569-80	5.4	20
139	Siglec-E is a negative regulator of acute pulmonary neutrophil inflammation and suppresses CD11b 2-integrin-dependent signaling. *Blood*, **2013**, 121, 2084-94	2.2	74
138	The 2 integrin-kindlin-3 interaction is essential for T-cell homing but dispensable for T-cell activation in vivo. *Blood*, **2013**, 122, 1428-36	2.2	47
137	Evolution of the vertebrate beaded filament protein, Bfsp2; comparing the in´vitro assembly properties of a "tailed" zebrafish Bfsp2 to its "tailless" human orthologue. *Experimental Eye Research*, **2012**, 94, 192-202	3.7	4
136	Cellular responses to the metal-binding properties of metformin. *Diabetes*, **2012**, 61, 1423-33	0.9	75
135	The effectiveness and cost of single and multi-factorial cardiovascular risk factor modification to guideline targets in type 2 diabetes. *Primary Care Diabetes*, **2012**, 6, 67-73	2.4	3
134	ZNRF2 is released from membranes by growth factors and, together with ZNRF1, regulates the Na+/K+ATPase. *Journal of Cell Science*, **2012**, 125, 4662-75	5.3	18
133	The anti-neurodegenerative agent clioquinol regulates the transcription factor FOXO1a. *Biochemical Journal*, **2012**, 443, 57-64	3.8	7
132	A role for PP1/NIPP1 in steering migration of human cancer cells. *PLoS ONE*, **2012**, 7, e40769	3.7	22
131	TTBK2 kinase substrate specificity and the impact of spinocerebellar-ataxia-causing mutations on expression, activity, localization and development. *Biochemical Journal*, **2011**, 437, 157-67	3.8	41
130	Characterization of a selective inhibitor of the Parkinson's disease kinase LRRK2. *Nature Chemical Biology*, **2011**, 7, 203-5	11.7	321
129	An intranucleolar body associated with rDNA. *Chromosoma*, **2011**, 120, 481-99	2.8	28
128	Homeostasis in the vertebrate lens: mechanisms of solute exchange. *Philosophical Transactions of the Royal Society B: Biological Sciences*, **2011**, 366, 1265-77	5.8	39
127	Regulation of the NKCC2 ion cotransporter by SPAK-OSR1-dependent and -independent pathways. *Journal of Cell Science*, **2011**, 124, 789-800	5.3	132
126	YuaB functions synergistically with the exopolysaccharide and TasA amyloid fibers to allow biofilm formation by Bacillus subtilis. *Journal of Bacteriology*, **2011**, 193, 4821-31	3.5	91
125	A systemic lupus erythematosus-associated R77H substitution in the CD11b chain of the Mac-1 integrin compromises leukocyte adhesion and phagocytosis. *Journal of Biological Chemistry*, **2011**, 286, 17303-10	5.4	61

124	ERK/p90(RSK)/14-3-3 signalling has an impact on expression of PEA3 Ets transcription factors via the transcriptional repressor capicâ. *Biochemical Journal*, **2011**, 433, 515-25	3.8	88
123	Dendritic cell podosomes are protrusive and invade the extracellular matrix using metalloproteinase MMP-14. *Journal of Cell Science*, **2010**, 123, 1427-37	5.3	111
122	New roles for the LKB1-NUAK pathway in controlling myosin phosphatase complexes and cell adhesion. *Science Signaling*, **2010**, 3, ra25	8.8	122
121	Molecular mechanism of elongation factor 1A inhibition by a Legionella pneumophila glycosyltransferase. *Biochemical Journal*, **2010**, 426, 281-92	3.8	25
120	14-3-3 binding to LRRK2 is disrupted by multiple Parkinson's disease-associated mutations and regulates cytoplasmic localization. *Biochemical Journal*, **2010**, 430, 393-404	3.8	289
119	Inhibition of LRRK2 kinase activity leads to dephosphorylation of Ser(910)/Ser(935), disruption of 14-3-3 binding and altered cytoplasmic localization. *Biochemical Journal*, **2010**, 430, 405-13	3.8	296
118	Novel MHC class I structures on exosomes. *Journal of Immunology*, **2009**, 183, 1884-91	5.3	52
117	Activated cAMP receptors switch encystation into sporulation. *Proceedings of the National Academy of Sciences of the United States of America*, **2009**, 106, 7089-94	11.5	35
116	The Talpid3 gene (KIAA0586) encodes a centrosomal protein that is essential for primary cilia formation. *Development (Cambridge)*, **2009**, 136, 655-64	6.6	94
115	Fate of glycosylphosphatidylinositol (GPI)-less procyclin and characterization of sialylated non-GPI-anchored surface coat molecules of procyclic-form Trypanosoma brucei. *Eukaryotic Cell*, **2009**, 8, 1407-17		21
114	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, 2315-32	5.6	34
113	Expression and localisation of apical junctional complex proteins in lens epithelial cells. *Experimental Eye Research*, **2008**, 87, 64-70	3.7	18
112	TLR ligand-induced podosome disassembly in dendritic cells is ADAM17 dependent. *Journal of Cell Biology*, **2008**, 182, 993-1005	7.3	56
111	The synthesis of UDP-N-acetylglucosamine is essential for bloodstream form trypanosoma brucei in vitro and in vivo and UDP-N-acetylglucosamine starvation reveals a hierarchy in parasite protein glycosylation. *Journal of Biological Chemistry*, **2008**, 283, 16147-61	5.4	46
110	TPL2-mediated activation of ERK1 and ERK2 regulates the processing of pre-TNF alpha in LPS-stimulated macrophages. *Journal of Cell Science*, **2008**, 121, 149-54	5.3	107
109	A role for ARF6 in dendritic cell podosome formation and migration. *European Journal of Immunology*, **2008**, 38, 818-28	6.1	32
108	Endocytosis of DNA-Hsp65 alters the pH of the late endosome/lysosome and interferes with antigen presentation. *PLoS ONE*, **2007**, 2, e923	3.7	18
107	Proximal effects of Toll-like receptor activation in dendritic cells. *Current Opinion in Immunology*, **2007**, 19, 73-8	7.8	54

106	Burkholderia phymatum is a highly effective nitrogen-fixing symbiont of Mimosa spp. and fixes nitrogen ex planta. *New Phytologist*, **2007**, 173, 168-80	9.8	167
105	Regulation of activity and localization of the WNK1 protein kinase by hyperosmotic stress. *Journal of Cell Biology*, **2007**, 176, 89-100	7.3	141
104	Ninein is released from the centrosome and moves bi-directionally along microtubules. *Journal of Cell Science*, **2007**, 120, 3064-74	5.3	57
103	FGF-2 release from the lens capsule by MMP-2 maintains lens epithelial cell viability. *Molecular Biology of the Cell*, **2007**, 18, 4222-31	3.5	56
102	Reorganization of centrosomal marker proteins coincides with epithelial cell differentiation in the vertebrate lens. *Experimental Eye Research*, **2007**, 85, 696-713	3.7	11
101	Deficiency of LKB1 in heart prevents ischemia-mediated activation of AMPKalpha2 but not AMPKalpha1. *American Journal of Physiology - Endocrinology and Metabolism*, **2006**, 290, E780-8	6	171
100	Regulation of the polarity kinases PAR-1/MARK by 14-3-3 interaction and phosphorylation. *Journal of Cell Science*, **2006**, 119, 4059-70	5.3	50
99	The Alexander disease-causing glial fibrillary acidic protein mutant, R416W, accumulates into Rosenthal fibers by a pathway that involves filament aggregation and the association of alpha B-crystallin and HSP27. *American Journal of Human Genetics*, **2006**, 79, 197-213	11	106
98	The C terminus of lens aquaporin 0 interacts with the cytoskeletal proteins filensin and CP49. *Investigative Ophthalmology and Visual Science*, **2006**, 47, 1562-70		80
97	The ubiquitin-associated domain of AMPK-related kinases regulates conformation and LKB1-mediated phosphorylation and activation. *Biochemical Journal*, **2006**, 394, 545-55	3.8	80
96	Increased SK3 expression in DM1 lens cells leads to impaired growth through a greater calcium-induced fragility. *Human Molecular Genetics*, **2006**, 15, 3559-68	5.6	16
95	14-3-3 cooperates with LKB1 to regulate the activity and localization of QSK and SIK. *Journal of Cell Science*, **2005**, 118, 5661-73	5.3	85
94	Molecular mechanisms of kinetochore capture by spindle microtubules. *Nature*, **2005**, 434, 987-94	50.4	219
93	The suppression of galactose metabolism in procylic form Trypanosoma brucei causes cessation of cell growth and alters procyclin glycoprotein structure and copy number. *Journal of Biological Chemistry*, **2005**, 280, 19728-36	5.4	62
92	Proof that Burkholderia strains form effective symbioses with legumes: a study of novel Mimosa-nodulating strains from South America. *Applied and Environmental Microbiology*, **2005**, 71, 7461-71	4.8	139
91	Sigma receptor antagonists inhibit human lens cell growth and induce pigmentation. *Investigative Ophthalmology and Visual Science*, **2005**, 46, 1403-8		23
90	Trypanosoma brucei glycoproteins contain novel giant poly-N-acetyllactosamine carbohydrate chains. *Journal of Biological Chemistry*, **2005**, 280, 865-71	5.4	65
89	Novel Mimosa-Nodulating Strains of Burkholderia from South America. *Current Plant Science and Biotechnology in Agriculture*, **2005**, 391-393		

88	Lens Cell Cytoskeleton **2004**, 173-188		3
87	The intermediate filament systems in the eye lens. *Methods in Cell Biology*, **2004**, 78, 597-624	1.8	19
86	Small molecule antagonists of the sigma-1 receptor cause selective release of the death program in tumor and self-reliant cells and inhibit tumor growth in vitro and in vivo. *Cancer Research*, **2004**, 64, 4875-86	10.1	146
85	Desmin aggregate formation by R120G alphaB-crystallin is caused by altered filament interactions and is dependent upon network status in cells. *Molecular Biology of the Cell*, **2004**, 15, 2335-46	3.5	90
84	p14 Arf promotes small ubiquitin-like modifier conjugation of Werners helicase. *Journal of Biological Chemistry*, **2004**, 279, 50157-66	5.4	46
83	The in vivo role of PtdIns(3,4,5)P3 binding to PDK1 PH domain defined by knockin mutation. *EMBO Journal*, **2004**, 23, 2071-82	13	120
82	Structural insights into the regulation of PDK1 by phosphoinositides and inositol phosphates. *EMBO Journal*, **2004**, 23, 3918-28	13	152
81	Enhanced dendritic cell antigen capture via toll-like receptor-induced actin remodeling. *Science*, **2004**, 305, 1153-7	33.3	400
80	Analysis of the LKB1-STRAD-MO25 complex. *Journal of Cell Science*, **2004**, 117, 6365-75	5.3	117
79	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, 109-23	3.7	29
78	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, 875-89	3.7	38
77	A proteomic approach to identify early molecular targets of oxidative stress in human epithelial lens cells. *Biochemical Journal*, **2004**, 378, 929-37	3.8	85
76	Inositol phospholipids regulate the guanine-nucleotide-exchange factor Tiam1 by facilitating its binding to the plasma membrane and regulating GDP/GTP exchange on Rac1. *Biochemical Journal*, **2004**, 382, 857-65	3.8	44
75	WNK1, the kinase mutated in an inherited high-blood-pressure syndrome, is a novel PKB (protein kinase B)/Akt substrate. *Biochemical Journal*, **2004**, 378, 257-68	3.8	84
74	Cajal body proteins SMN and Coilin show differential dynamic behaviour in vivo. *Journal of Cell Science*, **2003**, 116, 2039-50	5.3	82
73	Nodulation of Mimosa spp. by the beta-proteobacterium Ralstonia taiwanensis. *Molecular Plant-Microbe Interactions*, **2003**, 16, 1051-61	3.6	111
72	Using a pericentromeric interspersed repeat to recapitulate the phylogeny and expansion of human centromeric segmental duplications. *Molecular Biology and Evolution*, **2003**, 20, 1463-79	8.3	31
71	Interaction of the protein tyrosine phosphatase PTPL1 with the PtdIns(3,4)P2-binding adaptor protein TAPP1. *Biochemical Journal*, **2003**, 376, 525-35	3.8	43

70	Identification of a novel intercellular structure in late-stage differentiating lens cells. *Ophthalmic Research*, **2003**, 35, 2-7	2.9	3
69	MO25alpha/beta interact with STRADalpha/beta enhancing their ability to bind, activate and localize LKB1 in the cytoplasm. *EMBO Journal*, **2003**, 22, 5102-14	13	341
68	Expression of limb initiation genes and clues to the morphological diversification of threespine stickleback. *Current Biology*, **2003**, 13, R951-2	6.3	55
67	Cholesterol oxides mediated changes in cytoskeletal organisation involves Rho GTPases. *Experimental Cell Research*, **2003**, 291, 502-13	4.2	12
66	Knockout of the intermediate filament protein CP49 destabilises the lens fibre cell cytoskeleton and decreases lens optical quality, but does not induce cataract. *Experimental Eye Research*, **2003**, 76, 385-91	3.7	83
65	Nuclear speckle localisation of the small heat shock protein alpha B-crystallin and its inhibition by the R120G cardiomyopathy-linked mutation. *Experimental Cell Research*, **2003**, 287, 249-61	4.2	54
64	Loss of kindlin-1, a human homolog of the Caenorhabditis elegans actin-extracellular-matrix linker protein UNC-112, causes Kindler syndrome. *American Journal of Human Genetics*, **2003**, 73, 174-87	11	263
63	Deletion of the GPIdeAc gene alters the location and fate of glycosylphosphatidylinositol precursors in Trypanosoma brucei. *Biochemistry*, **2003**, 42, 14532-40	3.2	15
62	Time-lapse imaging reveals dynamic relocalization of PP1gamma throughout the mammalian cell cycle. *Molecular Biology of the Cell*, **2003**, 14, 107-17	3.5	122
61	Observation of keratin particles showing fast bidirectional movement colocalized with microtubules. *Journal of Cell Science*, **2003**, 116, 1417-27	5.3	31
60	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, 557-66	6.1	23
59	Inhibition of autophagy in mitotic animal cells. *Traffic*, **2002**, 3, 878-93	5.7	150
58	Fin development in a cartilaginous fish and the origin of vertebrate limbs. *Nature*, **2002**, 416, 527-31	50.4	102
57	Two novel phosphorylation sites on FKHR that are critical for its nuclear exclusion. *EMBO Journal*, **2002**, 21, 2263-71	13	187
56	Essential role of PDK1 in regulating cell size and development in mice. *EMBO Journal*, **2002**, 21, 3728-38	13	245
55	Altered aggregation properties of mutant gamma-crystallins cause inherited cataract. *EMBO Journal*, **2002**, 21, 6005-14	13	136
54	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. *Journal of Cell Biology*, **2002**, 157, 1041-8	7.3	131
53	IGF-1 induces phosphorylation of two novel residues of FKHR. *Biochemical Society Transactions*, **2002**, 30, A64-A64	5.1	

52	Morphological changes and nuclear pore clustering during nuclear degradation in differentiating bovine lens fibre cells. *Ophthalmic Research*, **2002**, 34, 288-94	2.9	11
51	Roles of the forkhead in rhabdomyosarcoma (FKHR) phosphorylation sites in regulating 14-3-3 binding, transactivation and nuclear targetting. *Biochemical Journal*, **2001**, 354, 605-12	3.8	135
50	Roles of the forkhead in rhabdomyosarcoma (FKHR) phosphorylation sites in regulating 14-3-3 binding, transactivation and nuclear targetting. *Biochemical Journal*, **2001**, 354, 605-612	3.8	216
49	Evidence for prebudding arrest of ER export in animal cell mitosis and its role in generating Golgi partitioning intermediates. *Traffic*, **2001**, 2, 321-35	5.7	48
48	The trigger to cell death determines the efficiency with which dying cells are cleared by neighbours. *Cell Death and Differentiation*, **2001**, 8, 734-46	12.7	45
47	Molecular characterisation of mitochondrial and cytosolic trypanothione-dependent tryparedoxin peroxidases in Trypanosoma brucei. *Molecular and Biochemical Parasitology*, **2001**, 116, 171-83	1.9	73
46	Antagonistic action of Six3 and Prox1 at the gamma-crystallin promoter. *Nucleic Acids Research*, **2001**, 29, 515-26	20.1	54
45	Corrigendum to "Rhabdomyosarcoma rho(0) cells: isolation and characterization of mitochondrial DNA depleted cell line with 'muscle-like' properties". *Neuromuscular Disorders*, **2001**, 11, 99	2.9	
44	Nuclear localization of protein phosphatase 5 is dependent on the carboxy-terminal region. *FEBS Letters*, **2001**, 491, 279-84	3.8	49
43	An essential role for calmodulin in regulating human T cell aggregation. *FEBS Letters*, **2001**, 491, 131-6	3.8	15
42	A role for the actin cytoskeleton in the hormonal and growth-factor-mediated activation of protein kinase B. *Biochemical Journal*, **2000**, 352, 617	3.8	17
41	Up-regulation of novel intermediate filament proteins in primary fiber cells: an indicator of all vertebrate lens fiber differentiation?. *The Anatomical Record*, **2000**, 258, 25-33		36
40	Rapid induction of apoptosis mediated by peptides that bind initiation factor eIF4E. *Current Biology* , **2000**, 10, 793-6	6.3	84
39	Rac is required for constitutive macropinocytosis by dendritic cells but does not control its downregulation. *Current Biology*, **2000**, 10, 839-48	6.3	225
38	The nuclear DEAD box RNA helicase p68 interacts with the nucleolar protein fibrillarin and colocalizes specifically in nascent nucleoli during telophase. *Experimental Cell Research*, **2000**, 257, 272-80	4.2	52
37	The manganese cation disrupts membrane dynamics along the secretory pathway. *Experimental Cell Research*, **2000**, 259, 167-79	4.2	41
36	Rhabdomyosarcoma rho(0) cells: isolation and characterization of a mitochondrial DNA depleted cell line with 'muscle-like' properties. *Neuromuscular Disorders*, **2000**, 10, 454-9	2.9	7
35	A role for the actin cytoskeleton in the hormonal and growth-factor-mediated activation of protein kinase B. *Biochemical Journal*, **2000**, 352, 617-622	3.8	36

34	Membrane ruffling, macropinocytosis and antigen presentation in the absence of gelsolin in murine dendritic cells. *European Journal of Immunology*, **1999**, 29, 3450-5	6.1	41
33	Gap junctions containing alpha8-connexin (MP70) in the adult mammalian lens epithelium suggests a re-evaluation of its role in the lens. *Experimental Eye Research*, **1999**, 69, 45-56	3.7	52
32	Membrane ruffling, macropinocytosis and antigen presentation in the absence of gelsolin in murine dendritic cells **1999**, 29, 3450		2
31	Changes in the nucleolar and coiled body compartments precede lamina and chromatin reorganization during fibre cell denucleation in the bovine lens. *European Journal of Cell Biology*, **1998**, 75, 237-46	6.1	77
30	Transformation of monomorphic Trypanosoma brucei bloodstream form trypomastigotes into procyclic forms at 37 degrees C by removing glucose from the culture medium. *Molecular and Biochemical Parasitology*, **1998**, 94, 99-112	1.9	27
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28	Susceptibility of lens epithelial and fibre cells at different stages of differentiation to apoptosis. *Biochemical Society Transactions*, **1998**, 26, S349	5.1	17
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4	Pharmacological rescue of impaired mitophagy in Parkinson's disease-related LRRK2 G2019S knock-in mice		1
3	A conserved ATG2-GABARAP interaction is critical for phagophore closure		2
2	Phosphoproteomics reveals that the hVPS34 regulated SGK3 kinase specifically phosphorylates endosomal proteins including Syntaxin-7, Syntaxin-12, RFIP4 and WDR44		1
1	Phase-separated stress granules and processing bodies are compromised in Myotonic Dystrophy Type 1		1