

Christopher G Proud

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

316
papers

21,108
citations

81
h-index

132
g-index

395
ext. papers

22,910
ext. citations

6.6
avg, IF

7.2
L-index

#	Paper	IF	Citations
316	Eukaryotic elongation factor 2 kinase regulates foam cell formation via translation of CD36.. <i>FASEB Journal</i> , 2022 , 36, e22154	0.9	1
315	Da-Chai-Hu-Tang Protects From Acute Intrahepatic Cholestasis by Inhibiting Hepatic Inflammation and Bile Accumulation Activation of PPAR α <i>Frontiers in Pharmacology</i> , 2022 , 13, 847483	5.6	0
314	The role of eIF2 phosphorylation in cell and organismal physiology: new roles for well-known actors. <i>Biochemical Journal</i> , 2022 , 479, 1059-1082	3.8	1
313	Gut Microbiome Regulation of Autophagic Flux and Neurodegenerative Disease Risks.. <i>Frontiers in Microbiology</i> , 2021 , 12, 817433	5.7	1
312	Deletion of in Preosteoblasts Reveals a Role for the Mammalian Target of Rapamycin Complex 1 (mTORC1) Complex in Dietary-Induced Changes to Bone Mass and Glucose Homeostasis in Female Mice. <i>JBMR Plus</i> , 2021 , 5, e10486	3.9	
311	TSC-insensitive Rheb mutations induce oncogenic transformation through a combination of constitutively active mTORC1 signalling and proteome remodelling. <i>Cellular and Molecular Life Sciences</i> , 2021 , 78, 4035-4052	10.3	0
310	Elongation factor eEF2 kinase and autophagy jointly promote survival of cancer cells. <i>Biochemical Journal</i> , 2021 , 478, 1547-1569	3.8	1
309	Constitutively active Rheb mutants [T23M] and [E40K] drive increased production and secretion of recombinant protein in Chinese hamster ovary cells. <i>Biotechnology and Bioengineering</i> , 2021 , 118, 2422-2434	4.9	1
308	Inhibiting mTOR activity using AZD2014 increases autophagy in the mouse cerebral cortex. <i>Neuropharmacology</i> , 2021 , 190, 108541	5.5	3
307	capCLIP: a new tool to probe translational control in human cells through capture and identification of the eIF4E-mRNA interactome. <i>Nucleic Acids Research</i> , 2021 , 49, e105	20.1	2
306	Reciprocal signaling between mTORC1 and MNK2 controls cell growth and oncogenesis. <i>Cellular and Molecular Life Sciences</i> , 2021 , 78, 249-270	10.3	5
305	Role of Eukaryotic Initiation Factor eIF2B in Vanishing White Matter Disease 2021 , 594-618		1
304	MNK Inhibition Sensitizes -Mutant Colorectal Cancer to mTORC1 Inhibition by Reducing eIF4E Phosphorylation and c-MYC Expression. <i>Cancer Discovery</i> , 2021 , 11, 1228-1247	24.4	11
303	Bicuculline regulated protein synthesis is dependent on Homer1 and promotes its interaction with eEF2K through mTORC1-dependent phosphorylation. <i>Journal of Neurochemistry</i> , 2021 , 157, 1086-1101	6	2
302	Vanishing white matter: Eukaryotic initiation factor 2B model and the impact of missense mutations. <i>Molecular Genetics & Genomic Medicine</i> , 2021 , 9, e1593	2.3	7
301	Regulation mTOR and its Substrates 2021 , 614-630		
300	The mTORC1 complex in pre-osteoblasts regulates whole-body energy metabolism independently of osteocalcin. <i>Bone Research</i> , 2021 , 9, 10	13.3	2

299	Progress in developing MNK inhibitors. <i>European Journal of Medicinal Chemistry</i> , 2021 , 219, 113420	6.8	5
298	The composition of the gut microbiota following early-life antibiotic exposure affects host health and longevity in later life. <i>Cell Reports</i> , 2021 , 36, 109564	10.6	5
297	MRTF-A-NF- κ B/p65 axis-mediated PDL1 transcription and expression contributes to immune evasion of non-small-cell lung cancer via TGF- β <i>Experimental and Molecular Medicine</i> , 2021 , 53, 1366-1378 ^{12.8}	12.8	3
296	The prohibitin-binding compound fluorizoline affects multiple components of the translational machinery and inhibits protein synthesis. <i>Journal of Biological Chemistry</i> , 2020 , 295, 9855-9867	5.4	3
295	The Lifeact-EGFP mouse is a translationally controlled fluorescent reporter of T cell activation. <i>Journal of Cell Science</i> , 2020 , 133,	5.3	5
294	The eEF2 kinase-induced STAT3 inactivation inhibits lung cancer cell proliferation by phosphorylation of PKM2. <i>Cell Communication and Signaling</i> , 2020 , 18, 25	7.5	16
293	MAPK-interacting kinase 2 (MNK2) regulates adipocyte metabolism independently of its catalytic activity. <i>Biochemical Journal</i> , 2020 , 477, 2735-2754	3.8	3
292	eEF2K enhances expression of PD-L1 by promoting the translation of its mRNA. <i>Biochemical Journal</i> , 2020 , 477, 4367-4381	3.8	17
291	Chloroquine and bafilomycin A mimic lysosomal storage disorders and impair mTORC1 signalling. <i>Bioscience Reports</i> , 2020 , 40,	4.1	24
290	eEF2/eEF2K Pathway in the Mature Dentate Gyrus Determines Neurogenesis Level and Cognition. <i>Current Biology</i> , 2020 , 30, 3507-3521.e7	6.3	7
289	Disabling MNK protein kinases promotes oxidative metabolism and protects against diet-induced obesity. <i>Molecular Metabolism</i> , 2020 , 42, 101054	8.8	2
288	Cyclosporin A but not FK506 activates the integrated stress response in human cells. <i>Journal of Biological Chemistry</i> , 2020 , 295, 15134-15143	5.4	2
287	Identification of DNA response elements regulating expression of CCAAT/enhancer-binding protein (C/EBP) β and δ and MAP kinase-interacting kinases during early adipogenesis. <i>Adipocyte</i> , 2020 , 9, 427-442	3.2	11
286	Eukaryotic elongation factor 2 kinase promotes angiogenesis in hepatocellular carcinoma via PI3K/Akt and STAT3. <i>International Journal of Cancer</i> , 2020 , 146, 1383-1395	7.5	26
285	The gene for the lysosomal protein LAMP3 is a direct target of the transcription factor ATF4. <i>Journal of Biological Chemistry</i> , 2020 , 295, 7418-7430	5.4	10
284	Thioflavin T Monitoring of Guanine Quadruplex Formation in the rs689-Dependent INS Intron 1. <i>Molecular Therapy - Nucleic Acids</i> , 2019 , 16, 770-777	10.7	3
283	Transcriptional and metabolic rewiring of colorectal cancer cells expressing the oncogenic KRAS mutation. <i>British Journal of Cancer</i> , 2019 , 121, 37-50	8.7	22
282	Ablation of elongation factor 2 kinase enhances heat-shock protein 90 chaperone expression and protects cells under proteotoxic stress. <i>Journal of Biological Chemistry</i> , 2019 , 294, 7169-7176	5.4	11

281	Regulation of the Elongation Phase of Protein Synthesis Enhances Translation Accuracy and Modulates Lifespan. <i>Current Biology</i> , 2019 , 29, 737-749.e5	6.3	35
280	Phosphorylation and Signal Transduction Pathways in Translational Control. <i>Cold Spring Harbor Perspectives in Biology</i> , 2019 , 11,	10.2	60
279	The MAP kinase-interacting kinases (MNKs) as targets in oncology. <i>Expert Opinion on Therapeutic Targets</i> , 2019 , 23, 187-199	6.4	17
278	Design, synthesis and activity of Mnk1 and Mnk2 selective inhibitors containing thieno[2,3-d]pyrimidine scaffold. <i>European Journal of Medicinal Chemistry</i> , 2019 , 162, 735-751	6.8	14
277	Non-high-density lipoprotein cholesterol is more informative than traditional cholesterol indices in predicting diabetes risk for women with normal glucose tolerance. <i>Journal of Diabetes Investigation</i> , 2018 , 9, 1304-1311	3.9	6
276	Osteocalcin-dependent regulation of glucose metabolism and fertility: Skeletal implications for the development of insulin resistance. <i>Journal of Cellular Physiology</i> , 2018 , 233, 3769-3783	7	11
275	Eukaryotic elongation factor 2 kinase upregulates the expression of proteins implicated in cell migration and cancer cell metastasis. <i>International Journal of Cancer</i> , 2018 , 142, 1865-1877	7.5	22
274	Who does TORC2 talk to?. <i>Biochemical Journal</i> , 2018 , 475, 1721-1738	3.8	19
273	mTORC1 Plays an Important Role in Skeletal Development by Controlling Preosteoblast Differentiation. <i>Molecular and Cellular Biology</i> , 2017 , 37,	4.8	36
272	A novel role for CRTC2 in hepatic cholesterol synthesis through SREBP-2. <i>Hepatology</i> , 2017 , 66, 481-497	11.2	20
271	Eukaryotic Elongation Factor 2 Kinase (eEF2K) in Cancer. <i>Cancers</i> , 2017 , 9,	6.6	24
270	Mycobacterium tuberculosis subverts negative regulatory pathways in human macrophages to drive immunopathology. <i>PLoS Pathogens</i> , 2017 , 13, e1006367	7.6	36
269	eEF2K/eEF2 Pathway Controls the Excitation/Inhibition Balance and Susceptibility to Epileptic Seizures. <i>Cerebral Cortex</i> , 2017 , 27, 2226-2248	5.1	41
268	A novel fluorescent probe reveals starvation controls the commitment of amyloid precursor protein to the lysosome. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2017 , 1864, 1554-1565	4.9	12
267	Proteomic and Metabolomic Analyses of Vanishing White Matter Mouse Astrocytes Reveal Deregulation of ER Functions. <i>Frontiers in Cellular Neuroscience</i> , 2017 , 11, 411	6.1	7
266	Oncogenic MNK signalling regulates the metastasis suppressor NDRG1. <i>Oncotarget</i> , 2017 , 8, 46121-46135	3.3	15
265	Quantitative Non-canonical Amino Acid Tagging (QuaNCAT) Proteomics Identifies Distinct Patterns of Protein Synthesis Rapidly Induced by Hypertrophic Agents in Cardiomyocytes, Revealing New Aspects of Metabolic Remodeling. <i>Molecular and Cellular Proteomics</i> , 2016 , 15, 3170-3189	7.6	15
264	Tuning Specific Translation in Cancer Metastasis and Synaptic Memory: Control at the MNK-eIF4E Axis. <i>Trends in Biochemical Sciences</i> , 2016 , 41, 847-858	10.3	65

263	Depletion of ribosomal protein S19 causes a reduction of rRNA synthesis. <i>Scientific Reports</i> , 2016 , 6, 35026	17
262	Glycine restores the anabolic response to leucine in a mouse model of acute inflammation. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2016 , 310, E970-81	6 19
261	A high-throughput screening assay for eukaryotic elongation factor 2 kinase inhibitors. <i>Acta Pharmaceutica Sinica B</i> , 2016 , 6, 557-563	15.5 9
260	Eukaryotic elongation factor 2 kinase as a drug target in cancer, and in cardiovascular and neurodegenerative diseases. <i>Acta Pharmacologica Sinica</i> , 2016 , 37, 285-94	8 47
259	mTORC2 is a tyrosine kinase. <i>Cell Research</i> , 2016 , 26, 1-2	24.7 18
258	Stoichiometry of the eIF2B complex is maintained by mutual stabilization of subunits. <i>Biochemical Journal</i> , 2016 , 473, 571-80	3.8 6
257	Role of AMPK in regulation of LC3 lipidation as a marker of autophagy in skeletal muscle. <i>Cellular Signalling</i> , 2016 , 28, 663-74	4.9 45
256	Eukaryotic elongation factor 2 kinase regulates the synthesis of microtubule-related proteins in neurons. <i>Journal of Neurochemistry</i> , 2016 , 136, 276-84	6 29
255	mTOR inhibitors in cancer therapy. <i>F1000Research</i> , 2016 , 5,	3.6 176
254	GCN2 contributes to mTORC1 inhibition by leucine deprivation through an ATF4 independent mechanism. <i>Scientific Reports</i> , 2016 , 6, 27698	4.9 40
253	mTORC1 signalling and eIF4E/4E-BP1 translation initiation factor stoichiometry influence recombinant protein productivity from GS-CHOK1 cells. <i>Biochemical Journal</i> , 2016 , 473, 4651-4664	3.8 35
252	Elongation factor 2 kinase promotes cell survival by inhibiting protein synthesis without inducing autophagy. <i>Cellular Signalling</i> , 2016 , 28, 284-93	4.9 28
251	Characterization of p75 neurotrophin receptor expression in human dental pulp stem cells. <i>International Journal of Developmental Neuroscience</i> , 2016 , 53, 90-98	2.7 12
250	Growth-factor dependent expression of the translationally controlled tumour protein TCTP is regulated through the PI3-K/Akt/mTORC1 signalling pathway. <i>Cellular Signalling</i> , 2015 , 27, 1557-68	4.9 32
249	Regulated stability of eukaryotic elongation factor 2 kinase requires intrinsic but not ongoing activity. <i>Biochemical Journal</i> , 2015 , 467, 321-31	3.8 14
248	ABC50 mutants modify translation start codon selection. <i>Biochemical Journal</i> , 2015 , 467, 217-29	3.8 13
247	Elongation Factor 2 Kinase Is Regulated by Proline Hydroxylation and Protects Cells during Hypoxia. <i>Molecular and Cellular Biology</i> , 2015 , 35, 1788-804	4.8 51
246	The MAP kinase-interacting kinases regulate cell migration, vimentin expression and eIF4E/CYFIP1 binding. <i>Biochemical Journal</i> , 2015 , 467, 63-76	3.8 49

245	Dynamics of elongation factor 2 kinase regulation in cortical neurons in response to synaptic activity. <i>Journal of Neuroscience</i> , 2015 , 35, 3034-47	6.6	27
244	Biochemical effects of mutations in the gene encoding the alpha subunit of eukaryotic initiation factor (eIF) 2B associated with Vanishing White Matter disease. <i>BMC Medical Genetics</i> , 2015 , 16, 64	2.1	12
243	Dissecting the signaling pathways that mediate cancer in PTEN and LKB1 double-knockout mice. <i>Science Signaling</i> , 2015 , 8, pe1	8.8	21
242	Mnks, eIF4E phosphorylation and cancer. <i>Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms</i> , 2015 , 1849, 766-73	6	74
241	eIF2B: recent structural and functional insights into a key regulator of translation. <i>Biochemical Society Transactions</i> , 2015 , 43, 1234-40	5.1	38
240	Regulation and roles of elongation factor 2 kinase. <i>Biochemical Society Transactions</i> , 2015 , 43, 328-32	5.1	60
239	Molecular Mechanism for the Control of Eukaryotic Elongation Factor 2 Kinase by pH: Role in Cancer Cell Survival. <i>Molecular and Cellular Biology</i> , 2015 , 35, 1805-24	4.8	34
238	BDNF stimulation of protein synthesis in cortical neurons requires the MAP kinase-interacting kinase MNK1. <i>Journal of Neuroscience</i> , 2015 , 35, 972-84	6.6	55
237	A conserved loop in the catalytic domain of eukaryotic elongation factor 2 kinase plays a key role in its substrate specificity. <i>Molecular and Cellular Biology</i> , 2014 , 34, 2294-307	4.8	16
236	Control of the translational machinery by amino acids. <i>American Journal of Clinical Nutrition</i> , 2014 , 99, 231S-236S	7	33
235	Ribosomal stress activates eEF2K-eEF2 pathway causing translation elongation inhibition and recruitment of terminal oligopyrimidine (TOP) mRNAs on polysomes. <i>Nucleic Acids Research</i> , 2014 , 42, 12668-80	20.1	32
234	mTORC1 signaling controls multiple steps in ribosome biogenesis. <i>Seminars in Cell and Developmental Biology</i> , 2014 , 36, 113-20	7.5	137
233	Eukaryotic elongation factor 2 kinase activity is controlled by multiple inputs from oncogenic signaling. <i>Molecular and Cellular Biology</i> , 2014 , 34, 4088-103	4.8	65
232	Eukaryotic elongation factor 2 kinase, an unusual enzyme with multiple roles. <i>Advances in Biological Regulation</i> , 2014 , 55, 15-27	6.2	117
231	Requirement for lysosomal localization of mTOR for its activation differs between leucine and other amino acids. <i>Cellular Signalling</i> , 2014 , 26, 1918-27	4.9	38
230	Signaling crosstalk between the mTOR complexes. <i>Translation</i> , 2014 , 2, e28174		29
229	Analysis of the subunit organization of the eIF2B complex reveals new insights into its structure and regulation. <i>FASEB Journal</i> , 2014 , 28, 2225-37	0.9	44
228	Two-stage translational control of dentate gyrus LTP consolidation is mediated by sustained BDNF-TrkB signaling to MNK. <i>Cell Reports</i> , 2014 , 9, 1430-45	10.6	95

227	Impairing eukaryotic elongation factor 2 kinase activity decreases atherosclerotic plaque formation. <i>Canadian Journal of Cardiology</i> , 2014 , 30, 1684-8	3.8	9
226	Impairing the production of ribosomal RNA activates mammalian target of rapamycin complex 1 signalling and downstream translation factors. <i>Nucleic Acids Research</i> , 2014 , 42, 5083-96	20.1	33
225	MAP kinase-interacting kinases--emerging targets against cancer. <i>Chemistry and Biology</i> , 2014 , 21, 441-452		69
224	Rapamycin enhances eIF4E phosphorylation by activating MAP kinase-interacting kinase 2a (Mnk2a). <i>FEBS Letters</i> , 2013 , 587, 2623-8	3.8	40
223	p90(RSK)s mediate the activation of ribosomal RNA synthesis by the hypertrophic agonist phenylephrine in adult cardiomyocytes. <i>Journal of Molecular and Cellular Cardiology</i> , 2013 , 59, 139-47	5.8	20
222	Crosstalk between mTOR complexes. <i>Nature Cell Biology</i> , 2013 , 15, 1263-5	23.4	36
221	mTOR direct interactions with Rheb-GTPase and raptor: sub-cellular localization using fluorescence lifetime imaging. <i>BMC Cell Biology</i> , 2013 , 14, 3		47
220	The eEF2 kinase confers resistance to nutrient deprivation by blocking translation elongation. <i>Cell</i> , 2013 , 153, 1064-79	56.2	276
219	mTORC1 regulates the efficiency and cellular capacity for protein synthesis. <i>Biochemical Society Transactions</i> , 2013 , 41, 923-6	5.1	14
218	Vanishing white matter: the next 10 years. <i>Future Neurology</i> , 2012 , 7, 81-92	1.5	6
217	Insights into the regulation of eukaryotic elongation factor 2 kinase and the interplay between its domains. <i>Biochemical Journal</i> , 2012 , 442, 105-18	3.8	33
216	Consolidation and translation regulation. <i>Learning and Memory</i> , 2012 , 19, 410-22	2.8	68
215	Stable isotope-labelling analysis of the impact of inhibition of the mammalian target of rapamycin on protein synthesis. <i>Biochemical Journal</i> , 2012 , 444, 141-51	3.8	69
214	Roles of the mammalian target of rapamycin, mTOR, in controlling ribosome biogenesis and protein synthesis. <i>Biochemical Society Transactions</i> , 2012 , 40, 168-72	5.1	55
213	Natural product-derived antitumor compound phenethyl isothiocyanate inhibits mTORC1 activity via TSC2. <i>Journal of Natural Products</i> , 2012 , 75, 1051-7	4.9	18
212	Evaluation of mTOR-regulated mRNA translation. <i>Methods in Molecular Biology</i> , 2012 , 821, 171-85	1.4	15
211	On the Diversification of the Translation Apparatus across Eukaryotes. <i>Comparative and Functional Genomics</i> , 2012 , 2012, 256848		13
210	Identification of autophosphorylation sites in eukaryotic elongation factor-2 kinase. <i>Biochemical Journal</i> , 2012 , 442, 681-92	3.8	47

209	Coupled activation and degradation of eEF2K regulates protein synthesis in response to genotoxic stress. <i>Science Signaling</i> , 2012 , 5, ra40	8.8	68
208	mTOR signaling regulates the processing of pre-rRNA in human cells. <i>Nucleic Acids Research</i> , 2012 , 40, 2527-39	20.1	71
207	Identification of residues that underpin interactions within the eukaryotic initiation factor (eIF2) 2B complex. <i>Journal of Biological Chemistry</i> , 2012 , 287, 8263-74	5.4	18
206	Impaired associative taste learning and abnormal brain activation in kinase-defective eEF2K mice. <i>Learning and Memory</i> , 2012 , 19, 116-25	2.8	52
205	Targeting Mnks for cancer therapy. <i>Oncotarget</i> , 2012 , 3, 118-31	3.3	121
204	Differing effects of rapamycin and mTOR kinase inhibitors on protein synthesis. <i>Biochemical Society Transactions</i> , 2011 , 39, 446-50	5.1	34
203	mTOR Signalling in Health and Disease. <i>Biochemical Society Transactions</i> , 2011 , 39, 431-6	5.1	49
202	A new link in the chain from amino acids to mTORC1 activation. <i>Molecular Cell</i> , 2011 , 44, 7-8	17.6	6
201	Adult-onset leukoencephalopathies with vanishing white matter with novel missense mutations in EIF2B2, EIF2B3, and EIF2B5. <i>Neurogenetics</i> , 2011 , 12, 259-61	3	28
200	Severity of vanishing white matter disease does not correlate with deficits in eIF2B activity or the integrity of eIF2B complexes. <i>Human Mutation</i> , 2011 , 32, 1036-45	4.7	52
199	mTORC1 signaling: what we still don't know. <i>Journal of Molecular Cell Biology</i> , 2011 , 3, 206-20	6.3	108
198	Pharmacological and genetic evaluation of proposed roles of mitogen-activated protein kinase/extracellular signal-regulated kinase kinase (MEK), extracellular signal-regulated kinase (ERK), and p90(RSK) in the control of mTORC1 protein signaling by phorbol esters. <i>Journal of Cellular Biochemistry</i> , 2011 , 101, 271-83	5.4	37
197	Functional analysis of recently identified mutations in eukaryotic translation initiation factor 2Be (eIF2Be) identified in Chinese patients with vanishing white matter disease. <i>Journal of Human Genetics</i> , 2011 , 56, 300-5	4.3	16
196	Leucine or carbohydrate supplementation reduces AMPK and eEF2 phosphorylation and extends postprandial muscle protein synthesis in rats. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2011 , 301, E1236-42	6	53
195	mTORC1 and Cell Cycle Control. <i>The Enzymes</i> , 2010 , 27, 129-146	2.3	3
194	mTOR's role in ageing: protein synthesis or autophagy?. <i>Aging</i> , 2009 , 1, 586-97	5.6	138
193	Protein synthesis and its control in neuronal cells with a focus on vanishing white matter disease. <i>Biochemical Society Transactions</i> , 2009 , 37, 1298-310	5.1	47
192	mTORC1 signalling and mRNA translation. <i>Biochemical Society Transactions</i> , 2009 , 37, 227-31	5.1	104

191	ABC50 promotes translation initiation in mammalian cells. <i>Journal of Biological Chemistry</i> , 2009 , 284, 24061-73	5.4	74
190	The C-terminal domain of Mnk1a plays a dual role in tightly regulating its activity. <i>Biochemical Journal</i> , 2009 , 423, 279-90	3.8	16
189	Blocking eukaryotic initiation factor 4F complex formation does not inhibit the mTORC1-dependent activation of protein synthesis in cardiomyocytes. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2009 , 296, H505-14	5.2	15
188	Oxidized LDL-mediated macrophage survival involves elongation factor-2 kinase. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2009 , 29, 92-8	9.4	36
187	Screen for chemical modulators of autophagy reveals novel therapeutic inhibitors of mTORC1 signaling. <i>PLoS ONE</i> , 2009 , 4, e7124	3.7	269
186	Dynamic balancing: DEPTOR tips the scales. <i>Journal of Molecular Cell Biology</i> , 2009 , 1, 61-3	6.3	25
185	Nutrient control of TORC1, a cell-cycle regulator. <i>Trends in Cell Biology</i> , 2009 , 19, 260-7	18.3	156
184	The worm profits from undercharging. <i>Cell Metabolism</i> , 2009 , 9, 309-10	24.6	
183	Downstream Targets of mTORC1 2009 , 179-200		
182	cdc2-cyclin B regulates eEF2 kinase activity in a cell cycle- and amino acid-dependent manner. <i>EMBO Journal</i> , 2008 , 27, 1005-16	13	79
181	Regulation of cyclin D1 expression by mTORC1 signaling requires eukaryotic initiation factor 4E-binding protein 1. <i>Oncogene</i> , 2008 , 27, 1106-13	9.2	135
180	Rheb activates protein synthesis and growth in adult rat ventricular cardiomyocytes. <i>Journal of Molecular and Cellular Cardiology</i> , 2008 , 45, 812-20	5.8	22
179	A novel mechanism for the control of translation initiation by amino acids, mediated by phosphorylation of eukaryotic initiation factor 2B. <i>Molecular and Cellular Biology</i> , 2008 , 28, 1429-42	4.8	46
178	The PSF.p54nrb complex is a novel Mnk substrate that binds the mRNA for tumor necrosis factor alpha. <i>Journal of Biological Chemistry</i> , 2008 , 283, 57-65	5.4	54
177	The binding of PRAS40 to 14-3-3 proteins is not required for activation of mTORC1 signalling by phorbol esters/ERK. <i>Biochemical Journal</i> , 2008 , 411, 141-9	3.8	29
176	Re-evaluating the roles of proposed modulators of mammalian target of rapamycin complex 1 (mTORC1) signaling. <i>Journal of Biological Chemistry</i> , 2008 , 283, 30482-92	5.4	118
175	Protein kinase D is a key regulator of cardiomyocyte lipoprotein lipase secretion after diabetes. <i>Circulation Research</i> , 2008 , 103, 252-60	15.7	37
174	The N-terminal region of ABC50 interacts with eukaryotic initiation factor eIF2 and is a target for regulatory phosphorylation by CK2. <i>Biochemical Journal</i> , 2008 , 409, 223-31	3.8	28

173	The Mnks: MAP kinase-interacting kinases (MAP kinase signal-integrating kinases). <i>Frontiers in Bioscience - Landmark</i> , 2008 , 13, 5359-73	2.8	130
172	Analysis of the regulatory motifs in eukaryotic initiation factor 4E-binding protein 1. <i>FEBS Journal</i> , 2008 , 275, 2185-99	5.7	28
171	Translation matters: protein synthesis defects in inherited disease. <i>Nature Reviews Genetics</i> , 2007 , 8, 711-23	30.1	206
170	PRAS40 is a mammalian target of rapamycin complex 1 and is required for signaling downstream of this complex. <i>Journal of Biological Chemistry</i> , 2007 , 282, 24514-24	5.4	201
169	Shut-down of translation, a global neuronal stress response: mechanisms and pathological relevance. <i>Current Pharmaceutical Design</i> , 2007 , 13, 1887-902	3.3	32
168	Methods for studying signal-dependent regulation of translation factor activity. <i>Methods in Enzymology</i> , 2007 , 431, 113-42	1.7	29
167	The rapid activation of protein synthesis by growth hormone requires signaling through mTOR. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2007 , 292, E1647-55	6	81
166	Cell signaling. mTOR, unleashed. <i>Science</i> , 2007 , 318, 926-7	33.3	37
165	A sharper instrument for dissecting signalling events: a specific AGC kinase inhibitor. <i>Biochemical Journal</i> , 2007 , 401, e1-3	3.8	5
164	Signalling to translation: how signal transduction pathways control the protein synthetic machinery. <i>Biochemical Journal</i> , 2007 , 403, 217-34	3.8	408
163	Amino acids and mTOR signalling in anabolic function. <i>Biochemical Society Transactions</i> , 2007 , 35, 1187-90	9.1	106
162	Regulation of protein synthesis in lymphoblasts from vanishing white matter patients. <i>Neurobiology of Disease</i> , 2006 , 21, 496-504	7.5	38
161	Quantitative proteomics identifies Gemin5, a scaffolding protein involved in ribonucleoprotein assembly, as a novel partner for eukaryotic initiation factor 4E. <i>Journal of Proteome Research</i> , 2006 , 5, 1367-78	5.6	39
160	The mTOR pathway in the control of protein synthesis. <i>Physiology</i> , 2006 , 21, 362-9	9.8	438
159	Structure of the eukaryotic initiation factor (eIF) 5 reveals a fold common to several translation factors. <i>Biochemistry</i> , 2006 , 45, 4550-8	3.2	40
158	Defective translation initiation causes vanishing of cerebral white matter. <i>Trends in Molecular Medicine</i> , 2006 , 12, 159-66	11.5	28
157	When translation meets transformation: the mTOR story. <i>Oncogene</i> , 2006 , 25, 6423-35	9.2	167
156	Resonance assignment for the N-terminal region of the eukaryotic initiation factor 5 (eIF5). <i>Journal of Biomolecular NMR</i> , 2006 , 36 Suppl 1, 42	3	

155	The Mnks are novel components in the control of TNF alpha biosynthesis and phosphorylate and regulate hnRNP A1. <i>Immunity</i> , 2005 , 23, 177-89	32.3	159
154	Analysis of mTOR signaling by the small G-proteins, Rheb and RhebL1. <i>FEBS Letters</i> , 2005 , 579, 4763-8	3.8	79
153	eIF2 and the control of cell physiology. <i>Seminars in Cell and Developmental Biology</i> , 2005 , 16, 3-12	7.5	302
152	The Drosophila protein kinase LK6 is regulated by ERK and phosphorylates the eukaryotic initiation factor eIF4E in vivo. <i>Biochemical Journal</i> , 2005 , 385, 695-702	3.8	13
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