# Christopher G Proud

List of Publications by Year
in descending order



| | | | |
|---|---|---|---|
| 322 papers | 24,602 citations | 5268 83 h-index | 10158 140 g-index |
| 395 all docs | 395 docs citations | 395 times ranked | 23013 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Eukaryotic elongation factor 2 kinase regulates foam cell formation via translation of CD36. FASEB Journal, 2022, 36, e22154. | 0.5 | 3 |
| 2 | Da-Chai-Hu-Tang Protects From Acute Intrahepatic Cholestasis by Inhibiting Hepatic Inflammation and Bile Accumulation via Activation of PPARÎ±. Frontiers in Pharmacology, 2022, 13, 847483. | 3.5 | 4 |
| 3 | The role of eIF2 phosphorylation in cell and organismal physiology: new roles for well-known actors. Biochemical Journal, 2022, 479, 1059-1082. | 3.7 | 7 |
| 4 | Glutamine deficiency in solid tumor cells confers resistance to ribosomal RNA synthesis inhibitors. Nature Communications, 2022, 13, . | 12.8 | 10 |
| 5 | eEF2K activity is required for the phenotypes of the Rpl24 mouse. Journal of Investigative Dermatology, 2022, , . | 0.7 | 0 |
| 6 | Reciprocal signaling between mTORC1 and MNK2 controls cell growth and oncogenesis. Cellular and Molecular Life Sciences, 2021, 78, 249-270. | 5.4 | 14 |
| 7 | MNK Inhibition Sensitizes KRAS-Mutant Colorectal Cancer to mTORC1 Inhibition by Reducing eIF4E Phosphorylation and c-MYC Expression. Cancer Discovery, 2021, 11, 1228-1247. | 9.4 | 45 |
| 8 | Bicuculline regulated protein synthesis is dependent on Homer1 and promotes its interaction with eEF2K through mTORC1â€dependent phosphorylation. Journal of Neurochemistry, 2021, 157, 1086-1101. | 3.9 | 5 |
| 9 | mTOR Signaling Pathways. , 2021, , 1-7. | | 0 |
| 10 | Vanishing white matter: Eukaryotic initiation factor 2B model and the impact of missense mutations. Molecular Genetics & Genomic Medicine, 2021, 9, e1593. | 1.2 | 17 |
| 11 | Regulation \| mTOR and its Substrates. , 2021, , 614-630. | | 0 |
| 12 | The mTORC1 complex in pre-osteoblasts regulates whole-body energy metabolism independently of osteocalcin. Bone Research, 2021, 9, 10. | 11.4 | 5 |
| 13 | Deletion of Rptor in Preosteoblasts Reveals a Role for the Mammalian Target of Rapamycin Complex 1 (<scp>mTORC1)</scp> Complex in Dietaryâ€induced Changes to Bone Mass and Glucose Homeostasis in Female Mice. JBMR Plus, 2021, 5, e10486. | 2.7 | 1 |
| 14 | TSC-insensitive Rheb mutations induce oncogenic transformation through a combination of constitutively active mTORC1 signalling and proteome remodelling. Cellular and Molecular Life Sciences, 2021, 78, 4035-4052. | 5.4 | 5 |
| 15 | Elongation factor eEF2 kinase and autophagy jointly promote survival of cancer cells. Biochemical Journal, 2021, 478, 1547-1569. | 3.7 | 1 |
| 16 | Constitutively active Rheb mutants [T23M] and [E40K] drive increased production and secretion of recombinant protein in Chinese hamster ovary cells. Biotechnology and Bioengineering, 2021, 118, 2422-2434. | 3.3 | 1 |
| 17 | Inhibiting mTOR activity using AZD2014 increases autophagy in the mouse cerebral cortex. Neuropharmacology, 2021, 190, 108541. | 4.1 | 8 |
| 18 | capCLIP: a new tool to probe translational control in human cells through capture and identification of the eIF4Eâ€“mRNA interactome. Nucleic Acids Research, 2021, 49, e105-e105. | 14.5 | 15 |

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| 19 | Progress in developing MNK inhibitors. European Journal of Medicinal Chemistry, 2021, 219, 113420. | 5.5 | 28 |
| 20 | The composition of the gut microbiota following early-life antibiotic exposure affects host health and longevity in later life. Cell Reports, 2021, 36, 109564. | 6.4 | 31 |
| 21 | MRTF-A-NF-Î¹ºB/p65 axis-mediated PDL1 transcription and expression contributes to immune evasion of non-small-cell lung cancer via TGF-Î². Experimental and Molecular Medicine, 2021, 53, 1366-1378. | 7.7 | 22 |
| 22 | mTOR Signaling Pathways. , 2021, , 1010-1016. | | 0 |
| 23 | Gut Microbiome Regulation of Autophagic Flux and Neurodegenerative Disease Risks. Frontiers in Microbiology, 2021, 12, 817433. | 3.5 | 7 |
| 24 | Rpl24Bst mutation suppresses colorectal cancer by promoting eEF2 phosphorylation via eEF2K. ELife, 2021, 10, . | 6.0 | 15 |
| 25 | Eukaryotic elongation factor 2 kinase promotes angiogenesis in hepatocellular carcinomaviaPI3K/Akt and STAT3. International Journal of Cancer, 2020, 146, 1383-1395. | 5.1 | 40 |
| 26 | eEF2/eEF2K Pathway in the Mature Dentate Gyrus Determines Neurogenesis Level and Cognition. Current Biology, 2020, 30, 3507-3521.e7. | 3.9 | 21 |
| 27 | Disabling MNK protein kinases promotes oxidative metabolism and protects against diet-induced obesity. Molecular Metabolism, 2020, 42, 101054. | 6.5 | 18 |
| 28 | Cyclosporin A but not FK506 activates the integrated stress response in human cells. Journal of Biological Chemistry, 2020, 295, 15134-15143. | 3.4 | 3 |
| 29 | Identification of DNA response elements regulating expression of CCAAT/enhancer-binding protein (C/EBP) Î² and Î˜ and MAP kinase-interacting kinases during early adipogenesis. Adipocyte, 2020, 9, 427-442. | 2.8 | 18 |
| 30 | The prohibitin-binding compound fluorizoline affects multiple components of the translational machinery and inhibits protein synthesis. Journal of Biological Chemistry, 2020, 295, 9855-9867. | 3.4 | 9 |
| 31 | The Lifeact-EGFP mouse is a translationally controlled fluorescent reporter of T cell activation. Journal of Cell Science, 2020, 133, . | 2.0 | 9 |
| 32 | The eEF2 kinase-induced STAT3 inactivation inhibits lung cancer cell proliferation by phosphorylation of PKM2. Cell Communication and Signaling, 2020, 18, 25. | 6.5 | 23 |
| 33 | The gene for the lysosomal protein LAMP3 is a direct target of the transcription factor ATF4. Journal of Biological Chemistry, 2020, 295, 7418-7430. | 3.4 | 20 |
| 34 | MAPK-interacting kinase 2 (MNK2) regulates adipocyte metabolism independently of its catalytic activity. Biochemical Journal, 2020, 477, 2735-2754. | 3.7 | 6 |
| 35 | eEF2K enhances expression of PD-L1 by promoting the translation of its mRNA. Biochemical Journal, 2020, 477, 4367-4381. | 3.7 | 25 |
| 36 | Chloroquine and bafilomycin A mimic lysosomal storage disorders and impair mTORC1 signalling. Bioscience Reports, 2020, 40, . | 2.4 | 56 |

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| 37 | Phosphorylation and Signal Transduction Pathways in Translational Control. Cold Spring Harbor Perspectives in Biology, 2019, 11, a033050. | 5.5 | 89 |
| 38 | Thioflavin T Monitoring of Guanine Quadruplex Formation in the rs689-Dependent INS Intron 1. Molecular Therapy - Nucleic Acids, 2019, 16, 770-777. | 5.1 | 7 |
| 39 | Transcriptional and metabolic rewiring of colorectal cancer cells expressing the oncogenic KRASG13D mutation. British Journal of Cancer, 2019, 121, 37-50. | 6.4 | 41 |
| 40 | Ablation of elongation factor 2 kinase enhances heat-shock protein 90 chaperone expression and protects cells under proteotoxic stress. Journal of Biological Chemistry, 2019, 294, 7169-7176. | 3.4 | 14 |
| 41 | Regulation of the Elongation Phase of Protein Synthesis Enhances Translation Accuracy and Modulates Lifespan. Current Biology, 2019, 29, 737-749.e5. | 3.9 | 60 |
| 42 | The MAP kinase-interacting kinases (MNKs) as targets in oncology. Expert Opinion on Therapeutic Targets, 2019, 23, 187-199. | 3.4 | 30 |
| 43 | Design, synthesis and activity of Mnk1 and Mnk2 selective inhibitors containing thieno[2,3-d]pyrimidine scaffold. European Journal of Medicinal Chemistry, 2019, 162, 735-751. | 5.5 | 28 |
| 44 | Nonâ€highâ€density lipoprotein cholesterol is more informative than traditional cholesterol indices in predicting diabetes risk for women with normal glucose tolerance. Journal of Diabetes Investigation, 2018, 9, 1304-1311. | 2.4 | 7 |
| 45 | Osteocalcinâ€dependent regulation of glucose metabolism and fertility: Skeletal implications for the development of insulin resistance. Journal of Cellular Physiology, 2018, 233, 3769-3783. | 4.1 | 13 |
| 46 | Eukaryotic elongation factor 2 kinase upregulates the expression of proteins implicated in cell migration and cancer cell metastasis. International Journal of Cancer, 2018, 142, 1865-1877. | 5.1 | 32 |
| 47 | Who does TORC2 talk to?. Biochemical Journal, 2018, 475, 1721-1738. | 3.7 | 29 |
| 48 | eEF2K/eEF2 Pathway Controls the Excitation/Inhibition Balance and Susceptibility to Epileptic Seizures. Cerebral Cortex, 2017, 27, bhw075. | 2.9 | 57 |
| 49 | mTORC1 Plays an Important Role in Skeletal Development by Controlling Preosteoblast Differentiation. Molecular and Cellular Biology, 2017, 37, . | 2.3 | 51 |
| 50 | A novel role for CRTC2 in hepatic cholesterol synthesis through SREBPâ€2. Hepatology, 2017, 66, 481-497. | 7.3 | 31 |
| 51 | A novel fluorescent probe reveals starvation controls the commitment of amyloid precursor protein to the lysosome. Biochimica Et Biophysica Acta - Molecular Cell Research, 2017, 1864, 1554-1565. | 4.1 | 19 |
| 52 | Proteomic and Metabolomic Analyses of Vanishing White Matter Mouse Astrocytes Reveal Deregulation of ER Functions. Frontiers in Cellular Neuroscience, 2017, 11, 411. | 3.7 | 13 |
| 53 | Eukaryotic Elongation Factor 2 Kinase (eEF2K) in Cancer. Cancers, 2017, 9, 162. | 3.7 | 49 |
| 54 | Mycobacterium tuberculosis subverts negative regulatory pathways in human macrophages to drive immunopathology. PLoS Pathogens, 2017, 13, e1006367. | 4.7 | 44 |

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| 55 | Oncogenic MNK signalling regulates the metastasis suppressor NDRG1. Oncotarget, 2017, 8, 46121-46135. | 1.8 | 17 |
| 56 | mTOR inhibitors in cancer therapy. F1000Research, 2016, 5, 2078. | 1.6 | 228 |
| 57 | GCN2 contributes to mTORC1 inhibition by leucine deprivation through an ATF4 independent mechanism. Scientific Reports, 2016, 6, 27698. | 3.3 | 70 |
| 58 | mTORC1 signalling and eIF4E/4E-BP1 translation initiation factor stoichiometry influence recombinant protein productivity from GS-CHOK1 cells. Biochemical Journal, 2016, 473, 4651-4664. | 3.7 | 49 |
| 59 | Elongation factor 2 kinase promotes cell survival by inhibiting protein synthesis without inducing autophagy. Cellular Signalling, 2016, 28, 284-293. | 3.6 | 36 |
| 60 | Characterization of p75 neurotrophin receptor expression in human dental pulp stem cells. International Journal of Developmental Neuroscience, 2016, 53, 90-98. | 1.6 | 17 |
| 61 | 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. Molecular and Cellular Proteomics, 2016, 15, 3170-3189. | 3.8 | 18 |
| 62 | Tuning Specific Translation in Cancer Metastasis and Synaptic Memory: Control at the MNKâ€“eIF4E Axis. Trends in Biochemical Sciences, 2016, 41, 847-858. | 7.5 | 84 |
| 63 | Depletion of ribosomal protein S19 causes a reduction of rRNA synthesis. Scientific Reports, 2016, 6, 35026. | 3.3 | 24 |
| 64 | Glycine restores the anabolic response to leucine in a mouse model of acute inflammation. American Journal of Physiology - Endocrinology and Metabolism, 2016, 310, E970-E981. | 3.5 | 26 |
| 65 | A high-throughput screening assay for eukaryotic elongation factor 2 kinase inhibitors. Acta Pharmaceutica Sinica B, 2016, 6, 557-563. | 12.0 | 12 |
| 66 | Eukaryotic elongation factor 2 kinase as a drug target in cancer, and in cardiovascular and neurodegenerative diseases. Acta Pharmacologica Sinica, 2016, 37, 285-294. | 6.1 | 82 |
| 67 | mTORC2 is a tyrosine kinase. Cell Research, 2016, 26, 1-2. | 12.0 | 21 |
| 68 | Stoichiometry of the eIF2B complex is maintained by mutual stabilization of subunits. Biochemical Journal, 2016, 473, 571-580. | 3.7 | 15 |
| 69 | Role of AMPK in regulation of LC3 lipidation as a marker of autophagy in skeletal muscle. Cellular Signalling, 2016, 28, 663-674. | 3.6 | 62 |
| 70 | Eukaryotic elongation factor 2 kinase regulates theÂsynthesis of microtubuleâ€related proteins in neurons. Journal of Neurochemistry, 2016, 136, 276-284. | 3.9 | 42 |
| 71 | eIF2B: recent structural and functional insights into a key regulator of translation. Biochemical Society Transactions, 2015, 43, 1234-1240. | 3.4 | 50 |
| 72 | Regulation and roles of elongation factor 2 kinase. Biochemical Society Transactions, 2015, 43, 328-332. | 3.4 | 77 |

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| 73 | Molecular Mechanism for the Control of Eukaryotic Elongation Factor 2 Kinase by pH: Role in Cancer Cell Survival. Molecular and Cellular Biology, 2015, 35, 1805-1824. | 2.3 | 39 |
| 74 | BDNF Stimulation of Protein Synthesis in Cortical Neurons Requires the MAP Kinase-Interacting Kinase MNK1. Journal of Neuroscience, 2015, 35, 972-984. | 3.6 | 76 |
| 75 | Growth-factor dependent expression of the translationally controlled tumour protein TCTP is regulated through the PI3-K/Akt/mTORC1 signalling pathway. Cellular Signalling, 2015, 27, 1557-1568. | 3.6 | 40 |
| 76 | Regulated stability of eukaryotic elongation factor 2 kinase requires intrinsic but not ongoing activity. Biochemical Journal, 2015, 467, 321-331. | 3.7 | 18 |
| 77 | ABC50 mutants modify translation start codon selection. Biochemical Journal, 2015, 467, 217-229. | 3.7 | 24 |
| 78 | Elongation Factor 2 Kinase Is Regulated by Proline Hydroxylation and Protects Cells during Hypoxia. Molecular and Cellular Biology, 2015, 35, 1788-1804. | 2.3 | 62 |
| 79 | The MAP kinase-interacting kinases regulate cell migration, vimentin expression and eIF4E/CYFIP1 binding. Biochemical Journal, 2015, 467, 63-76. | 3.7 | 58 |
| 80 | Dynamics of Elongation Factor 2 Kinase Regulation in Cortical Neurons in Response to Synaptic Activity. Journal of Neuroscience, 2015, 35, 3034-3047. | 3.6 | 33 |
| 81 | Biochemical effects of mutations in the gene encoding the alpha subunit of eukaryotic initiation factor (eIF) 2B associated with Vanishing White Matter disease. BMC Medical Genetics, 2015, 16, 64. | 2.1 | 17 |
| 82 | Dissecting the signaling pathways that mediate cancer in PTEN and LKB1 double-knockout mice. Science Signaling, 2015, 8, pe1. | 3.6 | 23 |
| 83 | Mnks, eIF4E phosphorylation and cancer. Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms, 2015, 1849, 766-773. | 1.9 | 102 |
| 84 | Signaling crosstalk between the mTOR complexes. Translation, 2014, 2, e28174. | 2.9 | 40 |
| 85 | Analysis of the subunit organization of the eIF2B complex reveals new insights into its structure and regulation. FASEB Journal, 2014, 28, 2225-2237. | 0.5 | 67 |
| 86 | Two-Stage Translational Control of Dentate Gyrus LTP Consolidation Is Mediated by Sustained BDNF-TrkB Signaling to MNK. Cell Reports, 2014, 9, 1430-1445. | 6.4 | 122 |
| 87 | Impairing Eukaryotic Elongation Factor 2 Kinase Activity Decreases Atherosclerotic Plaque Formation. Canadian Journal of Cardiology, 2014, 30, 1684-1688. | 1.7 | 15 |
| 88 | Impairing the production of ribosomal RNA activates mammalian target of rapamycin complex 1 signalling and downstream translation factors. Nucleic Acids Research, 2014, 42, 5083-5096. | 14.5 | 39 |
| 89 | MAP Kinase-Interacting Kinasesâ€"Emerging Targets against Cancer. Chemistry and Biology, 2014, 21, 441-452. | 6.0 | 83 |
| 90 | A Conserved Loop in the Catalytic Domain of Eukaryotic Elongation Factor 2 Kinase Plays a Key Role in Its Substrate Specificity. Molecular and Cellular Biology, 2014, 34, 2294-2307. | 2.3 | 21 |

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| 91 | Control of the translational machinery by amino acids. American Journal of Clinical Nutrition, 2014, 99, 231S-236S. | 4.7 | 36 |
| 92 | Ribosomal stress activates eEF2Kâ€“eEF2 pathway causing translation elongation inhibition and recruitment of Terminal Oligopyrimidine (TOP) mRNAs on polysomes. Nucleic Acids Research, 2014, 42, 12668-12680. | 14.5 | 44 |
| 93 | mTORC1 signaling controls multiple steps in ribosome biogenesis. Seminars in Cell and Developmental Biology, 2014, 36, 113-120. | 5.0 | 216 |
| 94 | Eukaryotic Elongation Factor 2 Kinase Activity Is Controlled by Multiple Inputs from Oncogenic Signaling. Molecular and Cellular Biology, 2014, 34, 4088-4103. | 2.3 | 84 |
| 95 | Eukaryotic elongation factor 2 kinase, an unusual enzyme with multiple roles. Advances in Biological Regulation, 2014, 55, 15-27. | 2.3 | 149 |
| 96 | Requirement for lysosomal localization of mTOR for its activation differs between leucine and other amino acids. Cellular Signalling, 2014, 26, 1918-1927. | 3.6 | 42 |
| 97 | Rapamycin enhances eIF4E phosphorylation by activating MAP kinaseâ€interacting kinase 2a (Mnk2a). FEBS Letters, 2013, 587, 2623-2628. | 2.8 | 44 |
| 98 | p90RSKs mediate the activation of ribosomal RNA synthesis by the hypertrophic agonist phenylephrine in adult cardiomyocytes. Journal of Molecular and Cellular Cardiology, 2013, 59, 139-147. | 1.9 | 22 |
| 99 | Crosstalk between mTOR complexes. Nature Cell Biology, 2013, 15, 1263-1265. | 10.3 | 77 |
| 100 | mTOR direct interactions with Rheb-GTPase and raptor: sub-cellular localization using fluorescence lifetime imaging. BMC Cell Biology, 2013, 14, 3. | 3.0 | 55 |
| 101 | The eEF2 Kinase Confers Resistance to Nutrient Deprivation by Blocking Translation Elongation. Cell, 2013, 153, 1064-1079. | 28.9 | 348 |
| 102 | mTORC1 regulates the efficiency and cellular capacity for protein synthesis. Biochemical Society Transactions, 2013, 41, 923-926. | 3.4 | 15 |
| 103 | On the Diversification of the Translation Apparatus across Eukaryotes. Comparative and Functional Genomics, 2012, 2012, 1-14. | 2.0 | 16 |
| 104 | Identification of autophosphorylation sites in eukaryotic elongation factor-2 kinase. Biochemical Journal, 2012, 442, 681-692. | 3.7 | 49 |
| 105 | Coupled Activation and Degradation of eEF2K Regulates Protein Synthesis in Response to Genotoxic Stress. Science Signaling, 2012, 5, ra40. | 3.6 | 76 |
| 106 | mTOR signaling regulates the processing of pre-rRNA in human cells. Nucleic Acids Research, 2012, 40, 2527-2539. | 14.5 | 88 |
| 107 | Identification of Residues That Underpin Interactions within the Eukaryotic Initiation Factor (eIF2) 2B Complex. Journal of Biological Chemistry, 2012, 287, 8263-8274. | 3.4 | 23 |
| 108 | Impaired associative taste learning and abnormal brain activation in kinase-defective eEF2K mice. Learning and Memory, 2012, 19, 116-125. | 1.3 | 61 |

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| 109 | Vanishing white matter: the next 10 years. Future Neurology, 2012, 7, 81-92. | 0.5 | 6 |
| 110 | Insights into the regulation of eukaryotic elongation factor 2 kinase and the interplay between its domains. Biochemical Journal, 2012, 442, 105-118. | 3.7 | 40 |
| 111 | Consolidation and translation regulation: Figure 1.. Learning and Memory, 2012, 19, 410-422. | 1.3 | 77 |
| 112 | Stable isotope-labelling analysis of the impact of inhibition of the mammalian target of rapamycin on protein synthesis. Biochemical Journal, 2012, 444, 141-151. | 3.7 | 79 |
| 113 | Roles of the mammalian target of rapamycin, mTOR, in controlling ribosome biogenesis and protein synthesis. Biochemical Society Transactions, 2012, 40, 168-172. | 3.4 | 71 |
| 114 | Natural Product-Derived Antitumor Compound Phenethyl Isothiocyanate Inhibits mTORC1 Activity via TSC2. Journal of Natural Products, 2012, 75, 1051-1057. | 3.0 | 24 |
| 115 | Evaluation of mTOR-Regulated mRNA Translation. Methods in Molecular Biology, 2012, 821, 171-185. | 0.9 | 17 |
| 116 | Targeting Mnks for Cancer Therapy. Oncotarget, 2012, 3, 118-131. | 1.8 | 132 |
| 117 | mTORC1 signaling: what we still don't know. Journal of Molecular Cell Biology, 2011, 3, 206-220. | 3.3 | 114 |
| 118 | Differing effects of rapamycin and mTOR kinase inhibitors on protein synthesis. Biochemical Society Transactions, 2011, 39, 446-450. | 3.4 | 39 |
| 119 | mTOR Signalling in Health and Disease. Biochemical Society Transactions, 2011, 39, 431-436. | 3.4 | 56 |
| 120 | A New Link in the Chain from Amino Acids to mTORC1 Activation. Molecular Cell, 2011, 44, 7-8. | 9.7 | 7 |
| 121 | Adult-onset leukoencephalopathies with vanishing white matter with novel missense mutations in EIF2B2, EIF2B3, and EIF2B5. Neurogenetics, 2011, 12, 259-261. | 1.4 | 32 |
| 122 | Severity of vanishing white matter disease does not correlate with deficits in eIF2B activity or the integrity of eIF2B complexes. Human Mutation, 2011, 32, 1036-1045. | 2.5 | 68 |
| 123 | Pharmacological and Genetic Evaluation of Proposed Roles of Mitogen-activated Protein Kinase/Extracellular Signal-regulated Kinase Kinase (MEK), Extracellular Signal-regulated Kinase (ERK), and p90RSK in the Control of mTORC1 Protein Signaling by Phorbol Esters. Journal of Biological Chemistry, 2011, 286, 27111-27122. | 3.4 | 40 |
| 124 | Functional analysis of recently identified mutations in eukaryotic translation initiation factor 2BÉ› (eIF2BÉ›) identified in Chinese patients with vanishing white matter disease. Journal of Human Genetics, 2011, 56, 300-305. | 2.3 | 17 |
| 125 | Leucine or carbohydrate supplementation reduces AMPK and eEF2 phosphorylation and extends postprandial muscle protein synthesis in rats. American Journal of Physiology - Endocrinology and Metabolism, 2011, 301, E1236-E1242. | 3.5 | 59 |
| 126 | mTORC1 and Cell Cycle Control. The Enzymes, 2010, 27, 129-146. | 1.7 | 5 |

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| 127 | mTOR's role in ageing: protein synthesis or autophagy?. Aging, 2009, 1, 586-597. | 3.1 | 154 |
| 128 | Protein synthesis and its control in neuronal cells with a focus on vanishing white matter disease. Biochemical Society Transactions, 2009, 37, 1298-1310. | 3.4 | 54 |
| 129 | mTORC1 signalling and mRNA translation. Biochemical Society Transactions, 2009, 37, 227-231. | 3.4 | 112 |
| 130 | ABC50 Promotes Translation Initiation in Mammalian Cells. Journal of Biological Chemistry, 2009, 284, 24061-24073. | 3.4 | 91 |
| 131 | The C-terminal domain of Mnk1a plays a dual role in tightly regulating its activity. Biochemical Journal, 2009, 423, 279-290. | 3.7 | 20 |
| 132 | Blocking eukaryotic initiation factor 4F complex formation does not inhibit the mTORC1-dependent activation of protein synthesis in cardiomyocytes. American Journal of Physiology - Heart and Circulatory Physiology, 2009, 296, H505-H514. | 3.2 | 19 |
| 133 | Oxidized LDL-Mediated Macrophage Survival Involves Elongation Factor-2 Kinase. Arteriosclerosis, Thrombosis, and Vascular Biology, 2009, 29, 92-98. | 2.4 | 41 |
| 134 | Screen for Chemical Modulators of Autophagy Reveals Novel Therapeutic Inhibitors of mTORC1 Signaling. PLoS ONE, 2009, 4, e7124. | 2.5 | 313 |
| 135 | Dynamic Balancing: DEPTOR Tips the Scales. Journal of Molecular Cell Biology, 2009, 1, 61-63. | 3.3 | 27 |
| 136 | Nutrient control of TORC1, a cell-cycle regulator. Trends in Cell Biology, 2009, 19, 260-267. | 7.9 | 186 |
| 137 | The Worm Profits from Undercharging. Cell Metabolism, 2009, 9, 309-310. | 16.2 | 0 |
| 138 | Downstream Targets of mTORC1. , 2009, , 179-200. | | 0 |
| 139 | Analysis of the regulatory motifs in eukaryotic initiation factor 4Eâ€binding proteinâ€ƒ1. FEBS Journal, 2008, 275, 2185-2199. | 4.7 | 28 |
| 140 | cdc2â€“cyclin B regulates eEF2 kinase activity in a cell cycle- and amino acid-dependent manner. EMBO Journal, 2008, 27, 1005-1016. | 7.8 | 89 |
| 141 | Regulation of cyclin D1 expression by mTORC1 signaling requires eukaryotic initiation factor 4E-binding protein 1. Oncogene, 2008, 27, 1106-1113. | 5.9 | 171 |
| 142 | Rheb activates protein synthesis and growth in adult rat ventricular cardiomyocytes. Journal of Molecular and Cellular Cardiology, 2008, 45, 812-820. | 1.9 | 24 |
| 143 | A Novel Mechanism for the Control of Translation Initiation by Amino Acids, Mediated by Phosphorylation of Eukaryotic Initiation Factor 2B. Molecular and Cellular Biology, 2008, 28, 1429-1442. | 2.3 | 52 |
| 144 | The PSFÂ·p54nrb Complex Is a Novel Mnk Substrate That Binds the mRNA for Tumor Necrosis Factor Î±. Journal of Biological Chemistry, 2008, 283, 57-65. | 3.4 | 70 |

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| 145 | The binding of PRAS40 to 14-3-3 proteins is not required for activation of mTORC1 signalling by phorbol esters/ERK. Biochemical Journal, 2008, 411, 141-149. | 3.7 | 30 |
| 146 | Re-evaluating the Roles of Proposed Modulators of Mammalian Target of Rapamycin Complex 1 (mTORC1) Signaling. Journal of Biological Chemistry, 2008, 283, 30482-30492. | 3.4 | 132 |
| 147 | Protein Kinase D Is a Key Regulator of Cardiomyocyte Lipoprotein Lipase Secretion After Diabetes. Circulation Research, 2008, 103, 252-260. | 4.5 | 42 |
| 148 | The N-terminal region of ABC50 interacts with eukaryotic initiation factor eIF2 and is a target for regulatory phosphorylation by CK2. Biochemical Journal, 2008, 409, 223-231. | 3.7 | 34 |
| 149 | The Mnks: MAP kinase-interacting kinases (MAP kinase signal-integrating kinases). Frontiers in Bioscience - Landmark, 2008, Volume, 5359. | 3.0 | 149 |
| 150 | PRAS40 Is a Target for Mammalian Target of Rapamycin Complex 1 and Is Required for Signaling Downstream of This Complex*. Journal of Biological Chemistry, 2007, 282, 24514-24524. | 3.4 | 212 |
| 151 | Shut-Down of Translation, a Global Neuronal Stress Response:Mechanisms and Pathological Relevance. Current Pharmaceutical Design, 2007, 13, 1887-1902. | 1.9 | 36 |
| 152 | Methods for Studying Signalâ€Dependent Regulation of Translation Factor Activity. Methods in Enzymology, 2007, 431, 113-142. | 1.0 | 33 |
| 153 | The rapid activation of protein synthesis by growth hormone requires signaling through mTOR. American Journal of Physiology - Endocrinology and Metabolism, 2007, 292, E1647-E1655. | 3.5 | 93 |
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| 157 | Amino acids and mTOR signalling in anabolic function. Biochemical Society Transactions, 2007, 35, 1187-1190. | 3.4 | 118 |
| 158 | Translation matters: protein synthesis defects in inherited disease. Nature Reviews Genetics, 2007, 8, 711-723. | 16.3 | 246 |
| 159 | Quantitative Proteomics Identifies Gemin5, A Scaffolding Protein Involved in Ribonucleoprotein Assembly, as a Novel Partner for Eukaryotic Initiation Factor 4E. Journal of Proteome Research, 2006, 5, 1367-1378. | 3.7 | 44 |
| 160 | The mTOR Pathway in the Control of Protein Synthesis. Physiology, 2006, 21, 362-369. | 3.1 | 549 |
| 161 | Structure of the Eukaryotic Initiation Factor (eIF) 5 Reveals a Fold Common to Several Translation Factors,. Biochemistry, 2006, 45, 4550-4558. | 2.5 | 53 |
| 162 | Defective translation initiation causes vanishing of cerebral white matter. Trends in Molecular Medicine, 2006, 12, 159-166. | 6.7 | 32 |

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| 163 | When translation meets transformation: the mTOR story. Oncogene, 2006, 25, 6423-6435. | 5.9 | 176 |
| 164 | Resonance assignment for the N-terminal region of the eukaryotic initiation factor 5 (eIF5). Journal of Biomolecular NMR, 2006, 36, 42-42. | 2.8 | 0 |
| 165 | Regulation of protein synthesis in lymphoblasts from vanishing white matter patients. Neurobiology of Disease, 2006, 21, 496-504. | 4.4 | 46 |
| 166 | The Drosophila protein kinase LK6 is regulated by ERK and phosphorylates the eukaryotic initiation factor eIF4E in vivo. Biochemical Journal, 2005, 385, 695-702. | 3.7 | 14 |
| 167 | Activation of protein synthesis in cardiomyocytes by the hypertrophic agent phenylephrine requires the activation of ERK and involves phosphorylation of tuberous sclerosis complex 2 (TSC2). Biochemical Journal, 2005, 388, 973-984. | 3.7 | 110 |
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