# Roger J Colbran

List of Publications by Year
in descending order

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|---|---|---|---|
| 130 papers | 11,030 citations | 25034 57 h-index | 30922 102 g-index |
| 140 all docs | 140 docs citations | 140 times ranked | 10010 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | A Dynamic Pathway for Calcium-Independent Activation of CaMKII by Methionine Oxidation. Cell, 2008, 133, 462-474. | 28.9 | 951 |
| 2 | Calmodulin kinase II inhibition protects against structural heart disease. Nature Medicine, 2005, 11, 409-417. | 30.7 | 526 |
| 3 | Autophosphorylation-dependent Targeting of Calcium/ Calmodulin-dependent Protein Kinase II by the NR2B Subunit of theN-Methyl-d-aspartate Receptor. Journal of Biological Chemistry, 1998, 273, 20689-20692. | 3.4 | 400 |
| 4 | Calmodulin kinase determines calcium-dependent facilitation of L-type calcium channels. Nature Cell Biology, 2000, 2, 173-177. | 10.3 | 312 |
| 5 | Mechanism and Regulation of Calcium/Calmodulin-dependent Protein Kinase II Targeting to the NR2B Subunit of the N-Methyl-d-aspartate Receptor. Journal of Biological Chemistry, 2000, 275, 23798-23806. | 3.4 | 308 |
| 6 | Expression of 5-aminolaevulinate synthase and cytochrome <i>P</i>-450 mRNAs in chicken embryo hepatocytes <i>in vivo</i> and in culture. Effect of porphyrinogenic drugs and haem. Biochemical Journal, 1989, 258, 313-313. | 3.7 | 300 |
| 7 | Loss of GluN2B-Containing NMDA Receptors in CA1 Hippocampus and Cortex Impairs Long-Term Depression, Reduces Dendritic Spine Density, and Disrupts Learning. Journal of Neuroscience, 2010, 30, 4590-4600. | 3.6 | 281 |
| 8 | Differential Inactivation of Postsynaptic Densityâ€Associated and Soluble Ca<sup>2+</sup>/Calmodulinâ€Dependent Protein Kinase II by Protein Phosphatases 1 and 2A. Journal of Neurochemistry, 1997, 68, 2119-2128. | 3.9 | 274 |
| 9 | Translocation of Autophosphorylated Calcium/Calmodulin-dependent Protein Kinase II to the Postsynaptic Density. Journal of Biological Chemistry, 1997, 272, 13467-13470. | 3.4 | 273 |
| 10 | Calcium/calmodulin-dependent protein kinase II and synaptic plasticity. Current Opinion in Neurobiology, 2004, 14, 318-327. | 4.2 | 267 |
| 11 | Phosphorylation of bovine hormone-sensitive lipase by the AMP-activated protein kinase. A possible antilipolytic mechanism. FEBS Journal, 1989, 179, 249-254. | 0.2 | 249 |
| 12 | Calmodulin Kinase II and Arrhythmias in a Mouse Model of Cardiac Hypertrophy. Circulation, 2002, 106, 1288-1293. | 1.6 | 240 |
| 13 | Targeting of calcium/calmodulin-dependent protein kinase II. Biochemical Journal, 2004, 378, 1-16. | 3.7 | 225 |
| 14 | Calmodulin Kinase II Interacts with the Dopamine Transporter C Terminus to Regulate Amphetamine-Induced Reverse Transport. Neuron, 2006, 51, 417-429. | 8.1 | 197 |
| 15 | Brain protein phosphatase 2A: Developmental regulation and distinct cellular and subcellular localization by B subunits. Journal of Comparative Neurology, 1998, 392, 515-527. | 1.6 | 164 |
| 16 | Calcium/Calmodulin-Dependent Protein Kinase II. Current Topics in Cellular Regulation, 1990, 31, 181-221. | 9.6 | 142 |
| 17 | Genetic Disruption of 2-Arachidonoylglycerol Synthesis Reveals a Key Role for Endocannabinoid Signaling in Anxiety Modulation. Cell Reports, 2014, 9, 1644-1653. | 6.4 | 135 |
| 18 | A Mechanism for the Direct Regulation of T-Type Calcium Channels by Ca<sup>2+</sup>/Calmodulin-Dependent Kinase II. Journal of Neuroscience, 2003, 23, 10116-10121. | 3.6 | 127 |

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|---|---|---|---|
| 19 | Protein Phosphatases and Calcium/Calmodulin-Dependent Protein Kinase II-Dependent Synaptic Plasticity. Journal of Neuroscience, 2004, 24, 8404-8409. | 3.6 | 124 |
| 20 | Alcohol Exposure Alters NMDAR Function in the Bed Nucleus of the Stria Terminalis. Neuropsychopharmacology, 2009, 34, 2420-2429. | 5.4 | 123 |
| 21 | Targeting Protein Phosphatase 1 (PP1) to the Actin Cytoskeleton: the Neurabin I/PP1 Complex Regulates Cell Morphology. Molecular and Cellular Biology, 2002, 22, 4690-4701. | 2.3 | 122 |
| 22 | Multivalent Interactions of Calcium/Calmodulin-dependent Protein Kinase II with the Postsynaptic Density Proteins NR2B, Densin-180, and Î±-Actinin-2. Journal of Biological Chemistry, 2005, 280, 35329-35336. | 3.4 | 121 |
| 23 | CaMKII. Progress in Molecular Biology and Translational Science, 2014, 122, 61-87. | 1.7 | 118 |
| 24 | Agonist-regulated Interaction between Î±2-Adrenergic Receptors and Spinophilin. Journal of Biological Chemistry, 2001, 276, 15003-15008. | 3.4 | 114 |
| 25 | Syntaxin 1A Interaction with the Dopamine Transporter Promotes Amphetamine-Induced Dopamine Efflux. Molecular Pharmacology, 2008, 74, 1101-1108. | 2.3 | 114 |
| 26 | Ca <sub> <i>V</i> </sub> 1.2 Î²-subunit coordinates CaMKII-triggered cardiomyocyte death and afterdepolarizations. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 4996-5000. | 7.1 | 114 |
| 27 | Is Persistent Activity of Calcium/Calmodulin-Dependent Kinase Required for the Maintenance of LTP?. Journal of Neurophysiology, 2001, 85, 1368-1376. | 1.8 | 109 |
| 28 | Substrate-selective COX-2 inhibition decreases anxiety via endocannabinoid activation. Nature Neuroscience, 2013, 16, 1291-1298. | 14.8 | 109 |
| 29 | Endocannabinoid signalling modulates susceptibility to traumatic stress exposure. Nature Communications, 2017, 8, 14782. | 12.8 | 108 |
| 30 | Protein serine/threonine phosphatase 1 and 2A associate with and dephosphorylate neurofilaments. Molecular Brain Research, 1997, 49, 15-28. | 2.3 | 105 |
| 31 | Dysregulation of Dopamine Transporters via Dopamine D<sub>2</sub>Autoreceptors Triggers Anomalous Dopamine Efflux Associated with Attention-Deficit Hyperactivity Disorder. Journal of Neuroscience, 2010, 30, 6048-6057. | 3.6 | 105 |
| 32 | Death, Cardiac Dysfunction, and Arrhythmias Are Increased by Calmodulin Kinase II in Calcineurin Cardiomyopathy. Circulation, 2006, 114, 1352-1359. | 1.6 | 104 |
| 33 | Evidence against dopamine D1/D2 receptor heteromers. Molecular Psychiatry, 2015, 20, 1373-1385. | 7.9 | 100 |
| 34 | Brain Actin-associated Protein Phosphatase 1 Holoenzymes Containing Spinophilin, Neurabin, and Selected Catalytic Subunit Isoforms. Journal of Biological Chemistry, 1999, 274, 35845-35854. | 3.4 | 93 |
| 35 | Association of Calcium/Calmodulin-dependent Kinase II with Developmentally Regulated Splice Variants of the Postsynaptic Density Protein Densin-180. Journal of Biological Chemistry, 2000, 275, 25061-25064. | 3.4 | 92 |
| 36 | Striatal plasticity and medium spiny neuron dendritic remodeling in parkinsonism. Parkinsonism and Related Disorders, 2007, 13, S251-S258. | 2.2 | 92 |

| # | Article | IF | Citations |
|---|---|---|---|
| 37 | CaM kinase augments cardiac L-type Ca<sup>2+</sup>current: a cellular mechanism for long Q-T arrhythmias. American Journal of Physiology - Heart and Circulatory Physiology, 1999, 276, H2168-H2178. | 3.2 | 91 |
| 38 | Protein phosphatases PP1 and PP2A are located in distinct positions in the Chlamydomonas flagellar axoneme. Journal of Cell Science, 2000, 113, 91-102. | 2.0 | 91 |
| 39 | Differential cellular and subcellular localization of protein phosphatase 1 isoforms in brain. Journal of Comparative Neurology, 1999, 413, 373-384. | 1.6 | 89 |
| 40 | Tissue-specific variation of Ube3a protein expression in rodents and in a mouse model of Angelman syndrome. Neurobiology of Disease, 2010, 39, 283-291. | 4.4 | 89 |
| 41 | GluN2B subunit deletion reveals key role in acute and chronic ethanol sensitivity of glutamate synapses in bed nucleus of the stria terminalis. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, E278-87. | 7.1 | 89 |
| 42 | Expression and characterization of the alpha-subunit of Ca2+/calmodulin-dependent protein kinase II using the baculovirus expression system. Biochemical and Biophysical Research Communications, 1990, 173, 578-584. | 2.1 | 84 |
| 43 | Interaction of Autophosphorylated Ca2+/Calmodulin-dependent Protein Kinase II with Neuronal Cytoskeletal Proteins. Journal of Biological Chemistry, 1995, 270, 10043-10049. | 3.4 | 84 |
| 44 | Differential Modulation of Ca2+/Calmodulin-dependent Protein Kinase II Activity by Regulated Interactions with N-Methyl-D-aspartate Receptor NR2B Subunits and Î±-Actinin. Journal of Biological Chemistry, 2005, 280, 39316-39323. | 3.4 | 84 |
| 45 | Transparency Is the Key to Quality. Journal of Biological Chemistry, 2015, 290, 29692-29694. | 3.4 | 84 |
| 46 | Calmodulin kinase is a molecular switch for cardiac excitation -contraction coupling. Proceedings of the National Academy of Sciences of the United States of America, 2001, 98, 2877-2881. | 7.1 | 83 |
| 47 | Dopamine depletion alters phosphorylation of striatal proteins in a model of Parkinsonism. European Journal of Neuroscience, 2005, 22, 247-256. | 2.6 | 83 |
| 48 | A Novel Human<i>CAMK2A</i>Mutation Disrupts Dendritic Morphology and Synaptic Transmission, and Causes ASD-Related Behaviors. Journal of Neuroscience, 2017, 37, 2216-2233. | 3.6 | 83 |
| 49 | The Neuronal Actin-binding Proteins, Neurabin I and Neurabin II, Recruit Specific Isoforms of Protein Phosphatase-1 Catalytic Subunits. Journal of Biological Chemistry, 2002, 277, 27716-27724. | 3.4 | 79 |
| 50 | Ca<sup>2+</sup>-Dependent Facilitation of Ca<sub>v</sub>1.3 Ca<sup>2+</sup>Channels by Densin and Ca<sup>2+</sup>/Calmodulin-Dependent Protein Kinase II. Journal of Neuroscience, 2010, 30, 5125-5135. | 3.6 | 78 |
| 51 | CaMKIIÎ± enhances the desensitization of NR2B-containing NMDA receptors by an autophosphorylation-dependent mechanism. Molecular and Cellular Neurosciences, 2005, 29, 139-147. | 2.2 | 73 |
| 52 | Cloning and characterization of BÎ´, a novel regulatory subunit of protein phosphatase 2A. FEBS Letters, 1999, 460, 462-466. | 2.8 | 70 |
| 53 | Regulation and role of brain calcium/calmodulin-dependent protein kinase II. Neurochemistry International, 1992, 21, 469-497. | 3.8 | 67 |
| 54 | CaMKII regulates diacylglycerol lipase-Î± and striatal endocannabinoid signaling. Nature Neuroscience, 2013, 16, 456-463. | 14.8 | 65 |

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| 55 | Parallel purification of three catalytic subunits of the protein serine/threonine phosphatase 2A family (PP2AC, PP4C, and PP6C) and analysis of the interaction of PP2AC with alpha4 protein. Protein Expression and Purification, 2003, 31, 19-33. | 1.3 | 63 |
| 56 | Cytosolic cholesterol ester hydrolase from bovine corpus luteum. Lipids and Lipid Metabolism, 1983, 752, 46-53. | 2.6 | 59 |
| 57 | Spinophilin Stabilizes Cell Surface Expression of Î±2B-Adrenergic Receptors. Journal of Biological Chemistry, 2003, 278, 32405-32412. | 3.4 | 59 |
| 58 | Quantitative Proteomics Analysis of CaMKII Phosphorylation and the CaMKII Interactome in the Mouse Forebrain. ACS Chemical Neuroscience, 2015, 6, 615-631. | 3.5 | 57 |
| 59 | CaMKII, an emerging molecular driver for calcium homeostasis, arrhythmias, and cardiac dysfunction. Journal of Molecular Medicine, 2006, 85, 5-14. | 3.9 | 56 |
| 60 | Carboxymethylation of nuclear protein serine/threonine phosphatase X. Biochemical Journal, 1997, 327, 481-486. | 3.7 | 55 |
| 61 | Stimulation of unitary T-type Ca<sup>2+</sup> channel currents by calmodulin-dependent protein kinase II. American Journal of Physiology - Cell Physiology, 2000, 279, C1694-C1703. | 4.6 | 54 |
| 62 | Differential Regulated Interactions of Calcium/Calmodulin-Dependent Protein Kinase II with Isoforms of Voltage-Gated Calcium Channel Î² Subunits. Biochemistry, 2008, 47, 1760-1767. | 2.5 | 54 |
| 63 | CaMKII associates with Ca<sub>V</sub>1.2â€ƒLâ€type calcium channels via selected Î² subunits to enhance regulatory phosphorylation. Journal of Neurochemistry, 2010, 112, 150-161. | 3.9 | 54 |
| 64 | Inhibition of Pancreatic Î²-Cell Ca2+/Calmodulin-dependent Protein Kinase II Reduces Glucose-stimulated Calcium Influx and Insulin Secretion, Impairing Glucose Tolerance. Journal of Biological Chemistry, 2014, 289, 12435-12445. | 3.4 | 53 |
| 65 | Calmodulin kinase and a calmodulinâ€binding â€˜IQâ€™ domain facilitate Lâ€type Ca 2+ current in rabbit ventricular myocytes by a common mechanism. Journal of Physiology, 2001, 535, 679-687. | 2.9 | 51 |
| 66 | Molecular basis for the modulation of native T-type Ca2+ channels in vivo by Ca2+/calmodulin-dependent protein kinase II. Journal of Clinical Investigation, 2006, 116, 2403-12. | 8.2 | 51 |
| 67 | Association of Brain Protein Phosphatase 1 with Cytoskeletal Targeting/Regulatory Subunits. Journal of Neurochemistry, 1997, 69, 920-929. | 3.9 | 49 |
| 68 | Oxidation of calmodulin alters activation and regulation of CaMKII. Biochemical and Biophysical Research Communications, 2007, 356, 97-101. | 2.1 | 46 |
| 69 | Loss of Thr286 phosphorylation disrupts synaptic CaMKIIÎ± targeting, NMDAR activity and behavior in pre-adolescent mice. Molecular and Cellular Neurosciences, 2011, 47, 286-292. | 2.2 | 46 |
| 70 | Cytoskeletal disrupting agents prevent calmodulin kinase, iq domain and voltageâ€dependent facilitation of lâ€type ca2+Channels. Journal of Physiology, 2002, 545, 399-406. | 2.9 | 44 |
| 71 | Conformational changes underlying calcium/calmodulin-dependent protein kinase II activation. EMBO Journal, 2011, 30, 1251-1262. | 7.8 | 44 |
| 72 | Differential Localization of Protein Phosphatase-1Î±, Î² and Î³1 Isoforms in Primate Prefrontal Cortex. Cerebral Cortex, 2005, 15, 1928-1937. | 2.9 | 43 |

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| 73 | Ca2+/Calmodulin-dependent Protein Kinase II Binds to and Phosphorylates a Specific SAP97 Splice Variant to Disrupt Association with AKAP79/150 and Modulate Î±-Amino-3-hydroxy-5-methyl-4-isoxazolepropionic Acid-type Glutamate Receptor (AMPAR) Activity. Journal of Biological Chemistry, 2010, 285, 923-934. | 3.4 | 43 |
| 74 | Substrate-selective and Calcium-independent Activation of CaMKII by Î±-Actinin. Journal of Biological Chemistry, 2012, 287, 15275-15283. | 3.4 | 40 |
| 75 | Genetic Inhibition of CaMKII in Dorsal Striatal Medium Spiny Neurons Reduces Functional Excitatory Synapses and Enhances Intrinsic Excitability. PLoS ONE, 2012, 7, e45323. | 2.5 | 39 |
| 76 | A Protein Phosphatase-1Î³1 Isoform Selectivity Determinant in Dendritic Spine-associated Neurabin. Journal of Biological Chemistry, 2004, 279, 21714-21723. | 3.4 | 38 |
| 77 | Densin-180 Controls the Trafficking and Signaling of L-Type Voltage-Gated Ca<sub>v</sub>1.2 Ca<sup>2+</sup>Channels at Excitatory Synapses. Journal of Neuroscience, 2017, 37, 4679-4691. | 3.6 | 38 |
| 78 | Selective targeting of the Î³1 isoform of protein phosphatase 1 to Fâ€actin in intact cells requires multiple domains in spinophilin and neurabin. FASEB Journal, 2008, 22, 1660-1671. | 0.5 | 37 |
| 79 | Characterization of a Central Ca2+/Calmodulin-dependent Protein Kinase IIÎ±/Î² Binding Domain in Densin That Selectively Modulates Glutamate Receptor Subunit Phosphorylation. Journal of Biological Chemistry, 2011, 286, 24806-24818. | 3.4 | 37 |
| 80 | Role of Striatal Direct Pathway 2-Arachidonoylglycerol Signaling in Sociability and Repetitive Behavior. Biological Psychiatry, 2018, 84, 304-315. | 1.3 | 36 |
| 81 | Metabolic Activation of CaMKII by Coenzyme A. Molecular Cell, 2013, 52, 325-339. | 9.7 | 35 |
| 82 | Hormone-sensitive lipase from bovine adipose tissue. Biochimica Et Biophysica Acta - Molecular Cell Research, 1986, 887, 51-57. | 4.1 | 34 |
| 83 | The RIPE3b1 Activator of the Insulin Gene Is Composed of a Protein(s) of Approximately 43 kDa, Whose DNA Binding Activity Is Inhibited by Protein Phosphatase Treatment. Journal of Biological Chemistry, 2000, 275, 10532-10537. | 3.4 | 34 |
| 84 | A dynamic Î±â€Î² interâ€subunit agonist signaling complex is a novel feedback mechanism for regulating Lâ€type Ca 2+ channel opening. FASEB Journal, 2005, 19, 1573-1575. | 0.5 | 34 |
| 85 | Neuronal L-Type Calcium Channel Signaling to the Nucleus Requires a Novel CaMKIIÎ±-Shank3 Interaction. Journal of Neuroscience, 2020, 40, 2000-2014. | 3.6 | 34 |
| 86 | Suppression ofÂdynamic Ca2+ transient responses toÂpacing inÂventricular myocytes from mice with genetic calmodulin kinase II inhibition. Journal of Molecular and Cellular Cardiology, 2006, 40, 213-223. | 1.9 | 31 |
| 87 | Proteolytic activation of calcium/calmodulin-dependent protein kinase II: Putative function in synaptic plasticity. Molecular and Cellular Neurosciences, 1990, 1, 107-116. | 2.2 | 30 |
| 88 | Calmodulin kinase is functionally targeted to the action potential plateau for regulation of L-type Ca2+current in rabbit cardiomyocytes. Journal of Physiology, 2004, 554, 145-155. | 2.9 | 30 |
| 89 | Identification and Validation of Novel Spinophilin-associated Proteins in Rodent Striatum Using an Enhanced ex Vivo Shotgun Proteomics Approach. Molecular and Cellular Proteomics, 2010, 9, 1243-1259. | 3.8 | 30 |
| 90 | Reduced bioavailable manganese causes striatal urea cycle pathology in Huntington's disease mouse model. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2017, 1863, 1596-1604. | 3.8 | 29 |

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| 91 | Association of Protein Phosphatase 1Î³1 with Spinophilin Suppresses Phosphatase Activity in a Parkinson Disease Model. Journal of Biological Chemistry, 2008, 283, 14286-14294. | 3.4 | 28 |
| 92 | Differential association of postsynaptic signaling protein complexes in striatum and hippocampus. Journal of Neurochemistry, 2013, 124, 490-501. | 3.9 | 28 |
| 93 | Calmodulin kinase II activity is required for normal atrioventricular nodal conduction. Heart Rhythm, 2005, 2, 634-640. | 0.7 | 26 |
| 94 | Chronic intermittent alcohol disrupts the GluN2Bâ€associated proteome and specifically regulates group I mGlu receptorâ€dependent longâ€term depression. Addiction Biology, 2017, 22, 275-290. | 2.6 | 26 |
| 95 | Changes in the Adult GluN2B Associated Proteome following Adolescent Intermittent Ethanol Exposure. PLoS ONE, 2016, 11, e0155951. | 2.5 | 26 |
| 96 | A novel mechanism for Ca2+/calmodulin-dependent protein kinase II targeting to L-type Ca2+ channels that initiates long-range signaling to the nucleus. Journal of Biological Chemistry, 2017, 292, 17324-17336. | 3.4 | 25 |
| 97 | Analysis of Specific Interactions of Native Protein Phosphatase 1 Isoforms with Targeting Subunits. Methods in Enzymology, 2003, 366, 156-175. | 1.0 | 24 |
| 98 | The initiation of synaptic 2-AG mobilization requires both an increased supply of diacylglycerol precursor and increased postsynaptic calcium. Neuropharmacology, 2015, 91, 57-62. | 4.1 | 23 |
| 99 | Regulation of cholesterol ester hydrolase by cyclic AMP-dependent protein kinase. FEBS Letters, 1986, 201, 257-261. | 2.8 | 21 |
| 100 | Thematic Minireview Series: Molecular Mechanisms of Synaptic Plasticity. Journal of Biological Chemistry, 2015, 290, 28594-28595. | 3.4 | 21 |
| 101 | Developmentally regulated alternative splicing of densin modulates proteinâ€“protein interaction and subcellular localization. Journal of Neurochemistry, 2008, 105, 1746-1760. | 3.9 | 20 |
| 102 | Age-Dependent Targeting of Protein Phosphatase 1 to Ca2+/Calmodulin-Dependent Protein Kinase II by Spinophilin in Mouse Striatum. PLoS ONE, 2012, 7, e31554. | 2.5 | 19 |
| 103 | The Atypical MAP Kinase SWIP-13/ERK8 Regulates Dopamine Transporters through a Rho-Dependent Mechanism. Journal of Neuroscience, 2017, 37, 9288-9304. | 3.6 | 19 |
| 104 | C Terminus Lâ€type Ca 2+ Channel Calmodulinâ€Binding Domains are â€˜Autoâ€Agonistâ€™ Ligands in Rabbit Ventricular Myocytes. Journal of Physiology, 2003, 550, 731-738. | 2.9 | 18 |
| 105 | Differential CaMKII regulation by voltage-gated calcium channels in the striatum. Molecular and Cellular Neurosciences, 2015, 68, 234-243. | 2.2 | 18 |
| 106 | CaMKII-mediated phosphorylation of GluN2B regulates recombinant NMDA receptor currents in a chloride-dependent manner. Molecular and Cellular Neurosciences, 2017, 79, 45-52. | 2.2 | 17 |
| 107 | Calcium/calmodulin-dependent protein kinase II and synaptic plasticity. Current Opinion in Neurobiology, 2004, 14, 318-318. | 4.2 | 15 |
| 108 | Activated CaMKIIÎ± Binds to the mGlu5 Metabotropic Glutamate Receptor and Modulates Calcium Mobilization. Molecular Pharmacology, 2018, 94, 1352-1362. | 2.3 | 15 |

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|---|---|---|---|
| 109 | Cyclic AMPâ€dependent protein kinase and D1 dopamine receptors regulate diacylglycerol lipaseâ€Î± and synaptic 2â€arachidonoyl glycerol signaling. Journal of Neurochemistry, 2020, 153, 334-345. | 3.9 | 13 |
| 110 | Chapter 12: Molecular and cellular studies on brain calcium/calmodulin-dependent protein kinase II. Progress in Brain Research, 1991, 89, 169-183. | 1.4 | 9 |
| 111 | Metabolic Regulation of CaMKII Protein and Caspases in Xenopus laevis Egg Extracts. Journal of Biological Chemistry, 2013, 288, 8838-8848. | 3.4 | 9 |
| 112 | A potassium channel blocker induces a long-lasting enhancement of corticostriatal responses. Neuropharmacology, 2005, 48, 311-321. | 4.1 | 7 |
| 113 | Localization of myocyte enhancer factor 2 in the rodent forebrain: Regionally-specific cytoplasmic expression of MEF2A. Brain Research, 2009, 1274, 55-65. | 2.2 | 7 |
| 114 | The Anxiolytic Actions of 2-Arachidonoylglycerol: Converging Evidence From Two Recent Genetic Endocannabinoid Deficiency Models. Biological Psychiatry, 2016, 79, e78-e79. | 1.3 | 7 |
| 115 | Calmodulin kinase II inhibition disrupts cardiomyopathic effects of enhanced green fluorescent protein. Journal of Molecular and Cellular Cardiology, 2008, 44, 405-410. | 1.9 | 6 |
| 116 | CaMKIIÎ± phosphorylation of Shank3 modulates ABI1-Shank3 interaction. Biochemical and Biophysical Research Communications, 2020, 524, 262-267. | 2.1 | 6 |
| 117 | REEPing the benefits of an animal model of hereditary spastic paraplegia. Journal of Clinical Investigation, 2013, 123, 4134-4136. | 8.2 | 5 |
| 118 | Introduction to the Thematic Minireview Series: Brain glycogen metabolism. Journal of Biological Chemistry, 2018, 293, 7087-7088. | 3.4 | 3 |
| 119 | The identity of the cholesteryl ester hydrolase of bovine corpus luteum. Biochemical Society Transactions, 1983, 11, 703-704. | 3.4 | 2 |
| 120 | Purification of hormone-sensitive lipase from bovine adipose tissue. Biochemical Society Transactions, 1986, 14, 327-328. | 3.4 | 2 |
| 121 | Metabolic Activation of CaMKII by Coenzyme A. Molecular Cell, 2013, 52, 468. | 9.7 | 1 |
| 122 | Synaptic Triad in the Neostriatum. Frontiers in Neuroscience, 2011, , 71-104. | 0.0 | 1 |
| 123 | Reversible phosphorylation of cholesteryl ester hydrolase. Biochemical Society Transactions, 1985, 13, 874-875. | 3.4 | 0 |
| 124 | Dendritic Protein Phosphatase Complexes. , 2010, , 1343-1352. | | 0 |
| 125 | Conformational Changes of CaMKII: A Model of Activation. Biophysical Journal, 2010, 98, 675a. | 0.5 | 0 |
| 126 | An endocannabinoid mechanism promoting resilience to traumatic stress. Alcohol, 2017, 60, 204. | 1.7 | 0 |

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|---|---|---|---|
| 127 | Roles of CaMKII in Learning and Memory â˜†. , 2017, , 137-151. | | 0 |
| 128 | Dendritic Protein Phosphatase Complexes. , 2003, , 397-403. | | 0 |
| 129 | Proteolytic regulation of calcium channels - avoiding controversy.. Faculty Reviews, 2022, 11, 5. | 3.9 | 0 |
| 130 | Elucidating the Mechanisms of CaMKIIâ€CaMKAP Interactions. FASEB Journal, 2022, 36, . | 0.5 | 0 |