

Anthony J Baucum

List of Publications by Year in descending order

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39
papers

1,130
citations

394421

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414414

32
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49
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49
docs citations

49
times ranked

1502
citing authors

#	ARTICLE	IF	CITATIONS
1	Prenatal Opioid Exposure Impairs Endocannabinoid and Glutamate Transmission in the Dorsal Striatum. <i>ENeuro</i> , 2022, 9, ENEURO.0119-22.2022.	1.9	7
2	A multi-omic analysis of the dorsal striatum in an animal model of divergent genetic risk for alcohol use disorder. <i>Journal of Neurochemistry</i> , 2021, 157, 1013-1031.	3.9	13
3	Prenatal methadone exposure disrupts behavioral development and alters motor neuron intrinsic properties and local circuitry. <i>ELife</i> , 2021, 10, .	6.0	32
4	CaMKII enhances voltage-gated sodium channel Nav1.6 activity and neuronal excitability. <i>Journal of Biological Chemistry</i> , 2020, 295, 11845-11865.	3.4	22
5	Spinophilin regulates phosphorylation and interactions of the GluN2B subunit of the N-methyl-D-aspartate receptor. <i>Journal of Neurochemistry</i> , 2019, 151, 185-203.	3.9	11
6	Hedgehog Pathway Activation Alters Ciliary Signaling in Primary Hypothalamic Cultures. <i>Frontiers in Cellular Neuroscience</i> , 2019, 13, 266.	3.7	17
7	Astrocytes Regulate the Development and Maturation of Retinal Ganglion Cells Derived from Human Pluripotent Stem Cells. <i>Stem Cell Reports</i> , 2019, 12, 201-212.	4.8	35
8	Maternal deprivation induces alterations in cognitive and cortical function in adulthood. <i>Translational Psychiatry</i> , 2018, 8, 71.	4.8	28
9	Proteomic Analysis of the Spinophilin Interactome in Rodent Striatum Following Psychostimulant Sensitization. <i>Proteomes</i> , 2018, 6, 53.	3.5	11
10	Mechanisms Regulating the Association of Protein Phosphatase 1 with Spinophilin and Neurabin. <i>ACS Chemical Neuroscience</i> , 2018, 9, 2701-2712.	3.5	13
11	The association of spinophilin with disks large-associated protein 3 (SAPAP3) is regulated by metabotropic glutamate receptor (mGluR) 5. <i>Molecular and Cellular Neurosciences</i> , 2018, 90, 60-69.	2.2	12
12	Chronic intermittent alcohol disrupts the GluN2B-associated proteome and specifically regulates group I mGlu receptor-dependent long-term depression. <i>Addiction Biology</i> , 2017, 22, 275-290.	2.6	26
13	Proteomic Analysis of Postsynaptic Protein Complexes Underlying Neuronal Plasticity. <i>ACS Chemical Neuroscience</i> , 2017, 8, 689-701.	3.5	12
14	Mechanisms and Consequences of Dopamine Depletion-Induced Attenuation of the Spinophilin/Neurofilament Medium Interaction. <i>Neural Plasticity</i> , 2017, 2017, 1-16.	2.2	15
15	Quantitative Proteomics Analysis of CaMKII Phosphorylation and the CaMKII Interactome in the Mouse Forebrain. <i>ACS Chemical Neuroscience</i> , 2015, 6, 615-631.	3.5	57
16	Phosphodiesterase 10A inhibitor, MP-10 (PF-2545920), produces greater induction of c-Fos in dopamine D2 neurons than in D1 neurons in the neostriatum. <i>Neuropharmacology</i> , 2015, 99, 379-386.	4.1	32
17	Differential Localization of G Protein $\beta\gamma$ Subunits. <i>Biochemistry</i> , 2014, 53, 2329-2343.	2.5	16
18	LC3 Constitutively Associates with a High Molecular Weight Complex in Both the Cytoplasm and Nucleus. <i>Biophysical Journal</i> , 2013, 104, 553a.	0.5	0

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19	Differential association of postsynaptic signaling protein complexes in striatum and hippocampus. <i>Journal of Neurochemistry</i> , 2013, 124, 490-501.	3.9	28
20	CaMKII regulates diacylglycerol lipase- α and striatal endocannabinoid signaling. <i>Nature Neuroscience</i> , 2013, 16, 456-463.	14.8	65
21	Metabolic Regulation of CaMKII Protein and Caspases in <i>Xenopus laevis</i> Egg Extracts. <i>Journal of Biological Chemistry</i> , 2013, 288, 8838-8848.	3.4	9
22	GluN2B subunit deletion reveals key role in acute and chronic ethanol sensitivity of glutamate synapses in bed nucleus of the stria terminalis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, E278-87.	7.1	89
23	Substrate-selective and Calcium-independent Activation of CaMKII by β -Actinin. <i>Journal of Biological Chemistry</i> , 2012, 287, 15275-15283.	3.4	40
24	Age-Dependent Targeting of Protein Phosphatase 1 to Ca^{2+} /Calmodulin-Dependent Protein Kinase II by Spinophilin in Mouse Striatum. <i>PLoS ONE</i> , 2012, 7, e31554.	2.5	19
25	Loss of Thr286 phosphorylation disrupts synaptic CaMKII α targeting, NMDAR activity and behavior in pre-adolescent mice. <i>Molecular and Cellular Neurosciences</i> , 2011, 47, 286-292.	2.2	46
26	Ex vivo identification of protein-protein interactions involving the dopamine transporter. <i>Journal of Neuroscience Methods</i> , 2011, 196, 303-307.	2.5	17
27	Characterization of a Central Ca^{2+} /Calmodulin-dependent Protein Kinase II α / β Binding Domain in Densin That Selectively Modulates Glutamate Receptor Subunit Phosphorylation. <i>Journal of Biological Chemistry</i> , 2011, 286, 24806-24818.	3.4	37
28	Dendritic Protein Phosphatase Complexes. , 2010, , 1343-1352.		0
29	Identification and Validation of Novel Spinophilin-associated Proteins in Rodent Striatum Using an Enhanced ex Vivo Shotgun Proteomics Approach. <i>Molecular and Cellular Proteomics</i> , 2010, 9, 1243-1259.	3.8	30
30	Ca^{2+} /Calmodulin-dependent Protein Kinase II Binds to and Phosphorylates a Specific SAP97 Splice Variant to Disrupt Association with AKAP79/150 and Modulate β -Amino-3-hydroxy-5-methyl-4-isoxazolepropionic Acid-type Glutamate Receptor (AMPA) Activity. <i>Journal of Biological Chemistry</i> , 2010, 285, 923-934.	3.4	43
31	Mechanisms Underlying Methamphetamine-Induced Dopamine Transporter Complex Formation. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2009, 329, 169-174.	2.5	30
32	Alcohol Exposure Alters NMDAR Function in the Bed Nucleus of the Stria Terminalis. <i>Neuropsychopharmacology</i> , 2009, 34, 2420-2429.	5.4	123
33	Localization of myocyte enhancer factor 2 in the rodent forebrain: Regionally-specific cytoplasmic expression of MEF2A. <i>Brain Research</i> , 2009, 1274, 55-65.	2.2	7
34	Association of Protein Phosphatase 1 β with Spinophilin Suppresses Phosphatase Activity in a Parkinson Disease Model. <i>Journal of Biological Chemistry</i> , 2008, 283, 14286-14294.	3.4	28
35	Selective targeting of the β isoform of protein phosphatase 1 to F-actin in intact cells requires multiple domains in spinophilin and neurabin. <i>FASEB Journal</i> , 2008, 22, 1660-1671.	0.5	37
36	MDMA. , 2007, , 1-6.		0

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37	Effect of Conantokin G on NMDA Receptor-Mediated Spontaneous EPSCs in Cultured Cortical Neurons. <i>Journal of Neurophysiology</i> , 2006, 96, 1084-1092.	1.8	14
38	Methamphetamine Administration Reduces Hippocampal Vesicular Monoamine Transporter-2 Uptake. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2006, 318, 676-682.	2.5	19
39	Methamphetamine Increases Dopamine Transporter Higher Molecular Weight Complex Formation via a Dopamine- and Hyperthermia-Associated Mechanism. <i>Journal of Neuroscience</i> , 2004, 24, 3436-3443.	3.6	84