

Marianna Crispino

List of Publications by Year in descending order

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65
papers

2,024
citations

186209

28
h-index

265120

42
g-index

66
all docs

66
docs citations

66
times ranked

2416
citing authors

#	ARTICLE	IF	CITATIONS
1	Butyrate Regulates Liver Mitochondrial Function, Efficiency, and Dynamics in Insulin-Resistant Obese Mice. <i>Diabetes</i> , 2017, 66, 1405-1418.	0.3	214
2	Changes in expression of neuronal and glial glutamate transporters in rat hippocampus following kainate-induced seizure activity. <i>Molecular Brain Research</i> , 1999, 65, 112-123.	2.5	90
3	High-Fat Diet Induces Neuroinflammation and Mitochondrial Impairment in Mice Cerebral Cortex and Synaptic Fraction. <i>Frontiers in Cellular Neuroscience</i> , 2019, 13, 509.	1.8	87
4	KID-1, a Protein Kinase Induced by Depolarization in Brain. <i>Journal of Biological Chemistry</i> , 1998, 273, 16535-16543.	1.6	86
5	Local Gene Expression in Axons and Nerve Endings: The Glia-Neuron Unit. <i>Physiological Reviews</i> , 2008, 88, 515-555.	13.1	75
6	Long Feeding High-Fat Diet Induces Hypothalamic Oxidative Stress and Inflammation, and Prolonged Hypothalamic AMPK Activation in Rat Animal Model. <i>Frontiers in Physiology</i> , 2018, 9, 818.	1.3	70
7	The serotonin receptor 7 promotes neurite outgrowth via ERK and Cdk5 signaling pathways. <i>Neuropharmacology</i> , 2013, 67, 155-167.	2.0	62
8	The Salt-Inducible Kinase, SIK, Is Induced by Depolarization in Brain. <i>Journal of Neurochemistry</i> , 2002, 74, 2227-2238.	2.1	58
9	β -Actin and β -Tubulin are components of a heterogeneous mRNA population present in the squid giant axon. <i>Molecular and Cellular Neurosciences</i> , 1992, 3, 133-144.	1.0	56
10	Neurofilament Proteins Are Synthesized in Nerve Endings from Squid Brain. <i>Journal of Neurochemistry</i> , 1993, 61, 1144-1146.	2.1	56
11	Local synthesis of axonal and presynaptic RNA in squid model systems. <i>European Journal of Neuroscience</i> , 2007, 25, 341-350.	1.2	53
12	The serotonin receptor 7 and the structural plasticity of brain circuits. <i>Frontiers in Behavioral Neuroscience</i> , 2014, 8, 318.	1.0	51
13	Myelinated axons contain β -actin mRNA and ZBP1 in periaxoplasmic ribosomal plaques and depend on cyclic AMP and β -actin integrity for <i>in vitro</i> translation. <i>Journal of Neurochemistry</i> , 2008, 104, 545-557.	2.1	49
14	Nurr1 mRNA expression in neonatal and adult rat brain following kainic acid-induced seizure activity. <i>Molecular Brain Research</i> , 1998, 59, 178-188.	2.5	47
15	Cystatin B Involvement in Synapse Physiology of Rodent Brains and Human Cerebral Organoids. <i>Frontiers in Molecular Neuroscience</i> , 2019, 12, 195.	1.4	47
16	Protein Synthesis in a Synaptosomal Fraction from Squid Brain. <i>Molecular and Cellular Neurosciences</i> , 1993, 4, 366-374.	1.0	46
17	Kinesin mRNA Is Present in the Squid Giant Axon. <i>Journal of Neurochemistry</i> , 1994, 63, 13-18.	2.1	46
18	Activation of 5-HT7 receptor stimulates neurite elongation through mTOR, Cdc42 and actin filaments dynamics. <i>Frontiers in Behavioral Neuroscience</i> , 2015, 9, 62.	1.0	43

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19	Milk Fatty Acid Profiles in Different Animal Species: Focus on the Potential Effect of Selected PUFAs on Metabolism and Brain Functions. <i>Nutrients</i> , 2021, 13, 1111.	1.7	43
20	Interplay between Peripheral and Central Inflammation in Obesity-Promoted Disorders: The Impact on Synaptic Mitochondrial Functions. <i>International Journal of Molecular Sciences</i> , 2020, 21, 5964.	1.8	42
21	Human Milk and Donkey Milk, Compared to Cow Milk, Reduce Inflammatory Mediators and Modulate Glucose and Lipid Metabolism, Acting on Mitochondrial Function and Oleyethanolamide Levels in Rat Skeletal Muscle. <i>Frontiers in Physiology</i> , 2018, 9, 32.	1.3	41
22	Effects of an High-Fat Diet Enriched in Lard or in Fish Oil on the Hypothalamic Amp-Activated Protein Kinase and Inflammatory Mediators. <i>Frontiers in Cellular Neuroscience</i> , 2016, 10, 150.	1.8	40
23	Role of the Serotonin Receptor 7 in Brain Plasticity: From Development to Disease. <i>International Journal of Molecular Sciences</i> , 2020, 21, 505.	1.8	38
24	Local gene expression in nerve endings. <i>Developmental Neurobiology</i> , 2014, 74, 279-291.	1.5	36
25	High Fat Diet and Inflammation – Modulation of Haptoglobin Level in Rat Brain. <i>Frontiers in Cellular Neuroscience</i> , 2015, 9, 479.	1.8	35
26	Cystatin B is essential for proliferation and interneuron migration in individuals with <sc>EPM</sc> 1 epilepsy. <i>EMBO Molecular Medicine</i> , 2020, 12, e11419.	3.3	32
27	Variations of Synaptotagmin I, Synaptotagmin IV, and Synaptophysin mRNA Levels in Rat Hippocampus during the Estrous Cycle. <i>Experimental Neurology</i> , 1999, 159, 574-583.	2.0	30
28	Characterization of squid enolase mRNA: Sequence analysis, tissue distribution, and axonal localization. <i>Neurochemical Research</i> , 1995, 20, 923-930.	1.6	28
29	Differential Compartmentalization of mRNAs in Squid Giant Axon. <i>Journal of Neurochemistry</i> , 1996, 67, 1806-1812.	2.1	28
30	The dual response of protein kinase Fyn to neural trauma: early induction in neurons and delayed induction in reactive astrocytes. <i>Experimental Neurology</i> , 2004, 185, 109-119.	2.0	28
31	Deregulated Local Protein Synthesis in the Brain Synaptosomes of a Mouse Model for Alzheimer’s Disease. <i>Molecular Neurobiology</i> , 2020, 57, 1529-1541.	1.9	25
32	Seizure activity induces PIM-1 expression in brain. , 1998, 53, 502-509.		24
33	Synaptosomal protein synthesis is selectively modulated by learning. <i>Brain Research</i> , 2007, 1132, 148-157.	1.1	23
34	Haptoglobin increases with age in rat hippocampus and modulates Apolipoprotein E mediated cholesterol trafficking in neuroblastoma cell lines. <i>Frontiers in Cellular Neuroscience</i> , 2014, 8, 212.	1.8	23
35	Milk from cows fed a diet with a high forage:concentrate ratio improves inflammatory state, oxidative stress, and mitochondrial function in rats. <i>Journal of Dairy Science</i> , 2018, 101, 1843-1851.	1.4	23
36	Training old rats selectively modulates synaptosomal protein synthesis. <i>Journal of Neuroscience Research</i> , 2013, 91, 20-29.	1.3	20

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37	Molecular cloning and characterization of a novel mRNA present in the squid giant axon. <i>Journal of Neuroscience Research</i> , 1997, 49, 144-153.	1.3	19
38	Milk From Cow Fed With High Forage/Concentrate Ratio Diet: Beneficial Effect on Rat Skeletal Muscle Inflammatory State and Oxidative Stress Through Modulation of Mitochondrial Functions and AMPK Activity. <i>Frontiers in Physiology</i> , 2018, 9, 1969.	1.3	17
39	Presynaptic protein synthesis and brain plasticity: From physiology to neuropathology. <i>Progress in Neurobiology</i> , 2021, 202, 102051.	2.8	17
40	Protein synthesis in presynaptic endings from squid brain: Modulation by calcium ions. <i>Journal of Neuroscience Research</i> , 1999, 55, 776-781.	1.3	15
41	Neurodevelopmental Disorders: Effect of High-Fat Diet on Synaptic Plasticity and Mitochondrial Functions. <i>Brain Sciences</i> , 2020, 10, 805.	1.1	15
42	Protein Synthesis in Nerve Terminals and the Glia—Neuron Unit. <i>Results and Problems in Cell Differentiation</i> , 2009, 48, 176-189.	0.2	13
43	Messenger RNAs in synaptosomal fractions from rat brain. <i>Molecular Brain Research</i> , 2001, 97, 171-176.	2.5	12
44	Synaptic mRNAs are modulated by learning. <i>Journal of Neuroscience Research</i> , 2009, 87, 1960-1968.	1.3	12
45	Information content of dendritic spines after motor learning. <i>Behavioural Brain Research</i> , 2018, 336, 256-260.	1.2	11
46	rTLE3, a Newly Identified Transducin-Like Enhancer of Split, Is Induced by Depolarization in Brain. <i>Journal of Neurochemistry</i> , 2008, 74, 1838-1847.	2.1	10
47	Cross Talk at the Cytoskeleton—Plasma Membrane Interface: Impact on Neuronal Morphology and Functions. <i>International Journal of Molecular Sciences</i> , 2020, 21, 9133.	1.8	10
48	Behavioral, Anti-Inflammatory, and Neuroprotective Effects of a Novel FPR2 Agonist in Two Mouse Models of Autism. <i>Pharmaceuticals</i> , 2022, 15, 161.	1.7	8
49	Squid photoreceptor terminals synthesize calcitonin, a learning related protein. <i>Neuroscience Letters</i> , 2003, 347, 21-24.	1.0	7
50	Dietary Micronutrient Management to Treat Mitochondrial Dysfunction in Diet-Induced Obese Mice. <i>International Journal of Molecular Sciences</i> , 2021, 22, 2862.	1.8	7
51	Heart Mitochondrial Metabolic Flexibility and Redox Status Are Improved by Donkey and Human Milk Intake. <i>Antioxidants</i> , 2021, 10, 1807.	2.2	7
52	Protein Synthesis in Nerve Endings from Squid Brain: Modulation by Calcium Ions. <i>Biological Bulletin</i> , 1994, 187, 269-269.	0.7	6
53	Protein Synthesis in the Presynaptic Endings of the Squid Photoreceptor Neuron: In vitro and in vivo Modulation. <i>Biological Bulletin</i> , 1996, 191, 263-263.	0.7	6
54	Ribosomal RNAs Synthesized by Isolated Squid Nerves and Ganglia Differ from Native Ribosomal RNAs. <i>Journal of Neurochemistry</i> , 2008, 72, 910-918.	2.1	5

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55	Synaptosomal protein synthesis in P2 and Ficoll purified fractions. Journal of Neuroscience Methods, 2012, 203, 335-337.	1.3	5
56	Brain synaptosomes harbor more than one cytoplasmic system of protein synthesis. Journal of Neuroscience Research, 2014, 92, 1573-1580.	1.3	5
57	DNA in Squid Synaptosomes. Molecular Neurobiology, 2019, 56, 56-60.	1.9	5
58	BAG3 mRNA is present in synaptosomal polysomes of rat brain. Cell Cycle, 2014, 13, 1357-1357.	1.3	4
59	Squid Giant Axons Synthesize NF Proteins. Molecular Neurobiology, 2018, 55, 3079-3084.	1.9	4
60	In Vitro and In Silico Analysis of the Residence Time of Serotonin 5-HT ₇ Receptor Ligands with Arylpiperazine Structure: A Structure-Kinetics Relationship Study. ACS Chemical Neuroscience, 2022, 13, 497-509.	1.7	3
61	Axonal and presynaptic RNAs are locally transcribed in glial cells. Theoretical Biology Forum, 2007, 100, 203-19.	0.2	3
62	Dystrophin localization and gene expression in the developing nervous system of the chick. , 1998, 51, 109.		2
63	Development and validation of an instrument to measure students'™ engagement and participation in science activities through factor analysis and Rasch analysis. International Journal of Science Education, 2022, 44, 18-47.	1.0	1
64	Protein Synthesis in Brain Presynaptic Endings. , 1997, , 643-646.		0
65	Gene Expression in Axons and Nerve Endings. , 1997, , 637-641.		0