Marianna Crispino

List of Publications by Year
in descending order

65	2,024	186209	265120
papers	citations	28 h-index	42 g-index

66	66	66	2416
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Behavioral, Anti-Inflammatory, and Neuroprotective Effects of a Novel FPR2 Agonist in Two Mouse Models of Autism. Pharmaceuticals, 2022, 15, 161.	1.7	8
2	In Vitro and In Silico Analysis of the Residence Time of Serotonin 5-HT₇ Receptor Ligands with Arylpiperazine Structure: A Structureâ€“Kinetics Relationship Study. ACS Chemical Neuroscience, 2022, 13, 497-509.	1.7	3
3	Development and validation of an instrument to measure studentsâ€™ engagement and participation in science activities through factor analysis and Rasch analysis. International Journal of Science Education, 2022, 44, 18-47.	1.0	1
4	Dietary Micronutrient Management to Treat Mitochondrial Dysfunction in Diet-Induced Obese Mice. International Journal of Molecular Sciences, 2021, 22, 2862.	1.8	7
5	Milk Fatty Acid Profiles in Different Animal Species: Focus on the Potential Effect of Selected PUFAs on Metabolism and Brain Functions. Nutrients, 2021, 13, 1111.	1.7	43
6	Presynaptic protein synthesis and brain plasticity: From physiology to neuropathology. Progress in Neurobiology, 2021, 202, 102051.	2.8	17
7	Heart Mitochondrial Metabolic Flexibility and Redox Status Are Improved by Donkey and Human Milk Intake. Antioxidants, 2021, 10, 1807.	2.2	7
8	Deregulated Local Protein Synthesis in the Brain Synaptosomes of a Mouse Model for Alzheimerâ€™s Disease. Molecular Neurobiology, 2020, 57, 1529-1541.	1.9	25
9	Cross Talk at the Cytoskeletonâ€“Plasma Membrane Interface: Impact on Neuronal Morphology and Functions. International Journal of Molecular Sciences, 2020, 21, 9133.	1.8	10
10	Interplay between Peripheral and Central Inflammation in Obesity-Promoted Disorders: The Impact on Synaptic Mitochondrial Functions. International Journal of Molecular Sciences, 2020, 21, 5964.	1.8	42
11	Neurodevelopmental Disorders: Effect of High-Fat Diet on Synaptic Plasticity and Mitochondrial Functions. Brain Sciences, 2020, 10, 805.	1.1	15
12	Role of the Serotonin Receptor 7 in Brain Plasticity: From Development to Disease. International Journal of Molecular Sciences, 2020, 21, 505.	1.8	38
13	Cystatin B is essential for proliferation and interneuron migration in individuals with <scp>EPM</scp> 1 epilepsy. EMBO Molecular Medicine, 2020, 12, e11419.	3.3	32
14	Cystatin B Involvement in Synapse Physiology of Rodent Brains and Human Cerebral Organoids. Frontiers in Molecular Neuroscience, 2019, 12, 195.	1.4	47
15	High-Fat Diet Induces Neuroinflammation and Mitochondrial Impairment in Mice Cerebral Cortex and Synaptic Fraction. Frontiers in Cellular Neuroscience, 2019, 13, 509.	1.8	87
16	DNA in Squid Synaptosomes. Molecular Neurobiology, 2019, 56, 56-60.	1.9	5
17	Milk from cows fed a diet with a high forage:concentrate ratio improves inflammatory state, oxidative stress, and mitochondrial function in rats. Journal of Dairy Science, 2018, 101, 1843-1851.	1.4	23
18	Squid Giant Axons Synthesize NF Proteins. Molecular Neurobiology, 2018, 55, 3079-3084.	1.9	4

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19	Information content of dendritic spines after motor learning. Behavioural Brain Research, 2018, 336, 256-260.	1.2	11
20	Human Milk and Donkey Milk, Compared to Cow Milk, Reduce Inflammatory Mediators and Modulate Glucose and Lipid Metabolism, Acting on Mitochondrial Function and Oleylethanolamide Levels in Rat Skeletal Muscle. Frontiers in Physiology, 2018, 9, 32.	1.3	41
21	Long Feeding High-Fat Diet Induces Hypothalamic Oxidative Stress and Inflammation, and Prolonged Hypothalamic AMPK Activation in Rat Animal Model. Frontiers in Physiology, 2018, 9, 818.	1.3	70
22	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. Frontiers in Physiology, 2018, 9, 1969.	1.3	17
23	Butyrate Regulates Liver Mitochondrial Function, Efficiency, and Dynamics in Insulin-Resistant Obese Mice. Diabetes, 2017, 66, 1405-1418.	0.3	214
24	Effects of an High-Fat Diet Enriched in Lard or in Fish Oil on the Hypothalamic Amp-Activated Protein Kinase and Inflammatory Mediators. Frontiers in Cellular Neuroscience, 2016, 10, 150.	1.8	40
25	Activation of 5-HT7 receptor stimulates neurite elongation through mTOR, Cdc42 and actin filaments dynamics. Frontiers in Behavioral Neuroscience, 2015, 9, 62.	1.0	43
26	High Fat Diet and Inflammation â€“ Modulation of Haptoglobin Level in Rat Brain. Frontiers in Cellular Neuroscience, 2015, 9, 479.	1.8	35
27	The serotonin receptor 7 and the structural plasticity of brain circuits. Frontiers in Behavioral Neuroscience, 2014, 8, 318.	1.0	51
28	Haptoglobin increases with age in rat hippocampus and modulates Apolipoprotein E mediated cholesterol trafficking in neuroblastoma cell lines. Frontiers in Cellular Neuroscience, 2014, 8, 212.	1.8	23
29	BAG3 mRNA is present in synaptosomal polysomes of rat brain. Cell Cycle, 2014, 13, 1357-1357.	1.3	4
30	Local gene expression in nerve endings. Developmental Neurobiology, 2014, 74, 279-291.	1.5	36
31	Brain synaptosomes harbor more than one cytoplasmic system of protein synthesis. Journal of Neuroscience Research, 2014, 92, 1573-1580.	1.3	5
32	Training old rats selectively modulates synaptosomal protein synthesis. Journal of Neuroscience Research, 2013, 91, 20-29.	1.3	20
33	The serotonin receptor 7 promotes neurite outgrowth via ERK and Cdk5 signaling pathways. Neuropharmacology, 2013, 67, 155-167.	2.0	62
34	Synaptosomal protein synthesis in P2 and Ficoll purified fractions. Journal of Neuroscience Methods, 2012, 203, 335-337.	1.3	5
35	Synaptic mRNAs are modulated by learning. Journal of Neuroscience Research, 2009, 87, 1960-1968.	1.3	12
36	Protein Synthesis in Nerve Terminals and the Gliaâ€“Neuron Unit. Results and Problems in Cell Differentiation, 2009, 48, 176-189.	0.2	13

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37	Myelinated axons contain Î²â€actin mRNA and ZBPâ€1 in periaxoplasmic ribosomal plaques and depend on cyclic AMP and Fâ€actin integrity for inÂvitro translation. Journal of Neurochemistry, 2008, 104, 545-557.	2.1	49
38	rTLE3, a Newly Identified Transducin-Like Enhancer of Split, Is Induced by Depolarization in Brain. Journal of Neurochemistry, 2008, 74, 1838-1847.	2.1	10
39	Ribosomal RNAs Synthesized by Isolated Squid Nerves and Ganglia Differ from Native Ribosomal RNAs. Journal of Neurochemistry, 2008, 72, 910-918.	2.1	5
40	Local Gene Expression in Axons and Nerve Endings: The Glia-Neuron Unit. Physiological Reviews, 2008, 88, 515-555.	13.1	75
41	Local synthesis of axonal and presynaptic RNA in squid model systems. European Journal of Neuroscience, 2007, 25, 341-350.	1.2	53
42	Synaptosomal protein synthesis is selectively modulated by learning. Brain Research, 2007, 1132, 148-157.	1.1	23
43	Axonal and presynaptic RNAs are locally transcribed in glial cells. Theoretical Biology Forum, 2007, 100, 203-19.	0.2	3
44	The dual response of protein kinase Fyn to neural trauma: early induction in neurons and delayed induction in reactive astrocytes. Experimental Neurology, 2004, 185, 109-119.	2.0	28
45	Squid photoreceptor terminals synthesize calexcitin, a learning related protein. Neuroscience Letters, 2003, 347, 21-24.	1.0	7
46	The Salt-Inducible Kinase, SIK, Is Induced by Depolarization in Brain. Journal of Neurochemistry, 2002, 74, 2227-2238.	2.1	58
47	Messenger RNAs in synaptosomal fractions from rat brain. Molecular Brain Research, 2001, 97, 171-176.	2.5	12
48	Protein synthesis in presynaptic endings from squid brain: Modulation by calcium ions. Journal of Neuroscience Research, 1999, 55, 776-781.	1.3	15
49	Changes in expression of neuronal and glial glutamate transporters in rat hippocampus following kainate-induced seizure activity. Molecular Brain Research, 1999, 65, 112-123.	2.5	90
50	Variations of Synaptotagmin I, Synaptotagmin IV, and Synaptophysin mRNA Levels in Rat Hippocampus during the Estrous Cycle. Experimental Neurology, 1999, 159, 574-583.	2.0	30
51	Dystrophin localization and gene expression in the developing nervous system of the chick. , 1998, 51, 109.		2
52	Seizure activity induces PIM-1 expression in brain. , 1998, 53, 502-509.		24
53	Nurr1 mRNA expression in neonatal and adult rat brain following kainic acid-induced seizure activity. Molecular Brain Research, 1998, 59, 178-188.	2.5	47
54	KID-1, a Protein Kinase Induced by Depolarization in Brain. Journal of Biological Chemistry, 1998, 273, 16535-16543.	1.6	86

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55	Molecular cloning and characterization of a novel mRNA present in the squid giant axon. Journal of Neuroscience Research, 1997, 49, 144-153.	1.3	19
56	Protein Synthesis in Brain Presynaptic Endings. , 1997, , 643-646.		0
57	Gene Expression in Axons and Nerve Endings. , 1997, , 637-641.		0
58	Differential Compartmentalization of mRNAs in Squid Giant Axon. Journal of Neurochemistry, 1996, 67, 1806-1812.	2.1	28
59	Protein Synthesis in the Presynaptic Endings of the Squid Photoreceptor Neuron: In vitro and in viva Modulation. Biological Bulletin, 1996, 191, 263-263.	0.7	6
60	Characterization of squid enolase mRNA: Sequence analysis, tissue distribution, and axonal localization. Neurochemical Research, 1995, 20, 923-930.	1.6	28
61	Kinesin mRNA Is Present in the Squid Giant Axon. Journal of Neurochemistry, 1994, 63, 13-18.	2.1	46
62	Protein Synthesis in Nerve Endings from Squid Brain: Modulation by Calcium Ions. Biological Bulletin, 1994, 187, 269-269.	0.7	6
63	Neurofilament Proteins Are Synthesized in Nerve Endings from Squid Brain. Journal of Neurochemistry, 1993, 61, 1144-1146.	2.1	56
64	Protein Synthesis in a Synaptosomal Fraction from Squid Brain. Molecular and Cellular Neurosciences, 1993, 4, 366-374.	1.0	46
65	Î²-Actin and Î²-Tubulin are components of a heterogeneous mRNA population present in the squid giant axon. Molecular and Cellular Neurosciences, 1992, 3, 133-144.	1.0	56