

Armaz Aschrafi

List of Publications by Year in descending order

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Version: 2024-02-01

48
papers

2,775
citations

159585

30
h-index

206112

48
g-index

48
all docs

48
docs citations

48
times ranked

4217
citing authors

#	ARTICLE	IF	CITATIONS
1	Cortical control of aggression: GABA signalling in the anterior cingulate cortex. <i>European Neuropsychopharmacology</i> , 2020, 30, 5-16.	0.7	31
2	Angiotensin II mediates the axonal trafficking of tyrosine hydroxylase and dopamine ß-hydroxylase mRNAs and enhances norepinephrine synthesis in primary sympathetic neurons. <i>Journal of Neurochemistry</i> , 2019, 150, 666-677.	3.9	14
3	Differential microRNA expression in cultured palatal fibroblasts from infants with cleft palate and controls. <i>European Journal of Orthodontics</i> , 2018, 40, 90-96.	2.4	19
4	Nuclear-Encoded Mitochondrial mRNAs: A Powerful Force in Axonal Growth and Development. <i>Neuroscientist</i> , 2018, 24, 142-155.	3.5	18
5	MicroRNA-338 Attenuates Cortical Neuronal Outgrowth by Modulating the Expression of Axon Guidance Genes. <i>Molecular Neurobiology</i> , 2017, 54, 3439-3452.	4.0	21
6	The schizophrenia risk gene MIR137 acts as a hippocampal gene network node orchestrating the expression of genes relevant to nervous system development and function. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2017, 73, 109-118.	4.8	27
7	Altered expression of circadian rhythm and extracellular matrix genes in the medial prefrontal cortex of a valproic acid rat model of autism. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2017, 77, 128-132.	4.8	15
8	MicroRNA-338 modulates cortical neuronal placement and polarity. <i>RNA Biology</i> , 2017, 14, 905-913.	3.1	10
9	MicroRNAs in Palatogenesis and Cleft Palate. <i>Frontiers in Physiology</i> , 2017, 8, 165.	2.8	47
10	Disruption of the Axonal Trafficking of Tyrosine Hydroxylase mRNA Impairs Catecholamine Biosynthesis in the Axons of Sympathetic Neurons. <i>ENeuro</i> , 2017, 4, ENEURO.0385-16.2017.	1.9	10
11	Connecting Synaptic Activity with Plasticity-Related Gene Expression: From Molecular Mechanisms to Neurological Disorders. <i>Neural Plasticity</i> , 2016, 2016, 1-3.	2.2	3
12	Axonal localization and mitochondrial association of precursor microRNA 338. <i>Cellular and Molecular Life Sciences</i> , 2016, 73, 4327-4340.	5.4	35
13	Monitoring mRNA Translation in Neuronal Processes Using Fluorescent Non-Canonical Amino Acid Tagging. <i>Journal of Histochemistry and Cytochemistry</i> , 2016, 64, 323-333.	2.5	10
14	The local expression and trafficking of tyrosine hydroxylase mRNA in the axons of sympathetic neurons. <i>Rna</i> , 2016, 22, 883-895.	3.5	41
15	A heterogeneous population of nuclear-encoded mitochondrial mRNAs is present in the axons of primary sympathetic neurons. <i>Mitochondrion</i> , 2016, 30, 18-23.	3.4	30
16	MicroRNA-181 promotes synaptogenesis and attenuates axonal outgrowth in cortical neurons. <i>Cellular and Molecular Life Sciences</i> , 2016, 73, 3555-3567.	5.4	38
17	The Multifarious Hippocampal Functions of MicroRNA-137. <i>Neuroscientist</i> , 2016, 22, 440-446.	3.5	8
18	An integrated molecular landscape implicates the regulation of dendritic spine formation through insulin-related signalling in obsessive-compulsive disorder. <i>Journal of Psychiatry and Neuroscience</i> , 2016, 41, 280-285.	2.4	38

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19	MicroRNA-326 acts as a molecular switch in the regulation of midbrain urocortin 1 expression. <i>Journal of Psychiatry and Neuroscience</i> , 2016, 41, 342-353.	2.4	24
20	Elevated microRNA-181c and microRNA-30d levels in the enlarged amygdala of the valproic acid rat model of autism. <i>Neurobiology of Disease</i> , 2015, 80, 42-53.	4.4	42
21	MicroRNA-137 Controls AMPA-Receptor-Mediated Transmission and mGluR-Dependent LTD. <i>Cell Reports</i> , 2015, 11, 1876-1884.	6.4	82
22	Unveiling the principle of microRNA-mediated redundancy in cellular pathway regulation. <i>RNA Biology</i> , 2015, 12, 238-247.	3.1	69
23	Enhanced protein production by microRNA-30 family in CHO cells is mediated by the modulation of the ubiquitin pathway. <i>Journal of Biotechnology</i> , 2015, 212, 32-43.	3.8	28
24	MicroRNA-137 regulates a glucocorticoid receptor-dependent signalling network: implications for the etiology of schizophrenia. <i>Journal of Psychiatry and Neuroscience</i> , 2014, 39, 312-320.	2.4	25
25	A functional high-content miRNA screen identifies miR-30 family to boost recombinant protein production in CHO cells. <i>Biotechnology Journal</i> , 2014, 9, 1279-1292.	3.5	58
26	Breaking limitations of complex culture media: Functional non-viral miRNA delivery into pharmaceutical production cell lines. <i>Journal of Biotechnology</i> , 2013, 168, 589-600.	3.8	32
27	Recent Developments in Optical Neuromodulation Technologies. <i>Molecular Neurobiology</i> , 2013, 47, 172-185.	4.0	5
28	MicroRNAs in the axon and presynaptic nerve terminal. <i>Frontiers in Cellular Neuroscience</i> , 2013, 7, 126.	3.7	53
29	Long non-coding RNAs in neurodevelopmental disorders. <i>Frontiers in Molecular Neuroscience</i> , 2013, 6, 53.	2.9	53
30	Local translation of ATP synthase subunit 9 mRNA alters ATP levels and the production of ROS in the axon. <i>Molecular and Cellular Neurosciences</i> , 2012, 49, 263-270.	2.2	55
31	MicroRNA-338 regulates the axonal expression of multiple nuclear-encoded mitochondrial mRNAs encoding subunits of the oxidative phosphorylation machinery. <i>Cellular and Molecular Life Sciences</i> , 2012, 69, 4017-4027.	5.4	96
32	MicroRNA networks direct neuronal development and plasticity. <i>Cellular and Molecular Life Sciences</i> , 2012, 69, 89-102.	5.4	202
33	A Potential Regulatory Role for Intronic microRNA-338-3p for Its Host Gene Encoding Apoptosis-Associated Tyrosine Kinase. <i>PLoS ONE</i> , 2012, 7, e31022.	2.5	65
34	Chromosome 1p21.3 microdeletions comprising DPYD and MIR137 are associated with intellectual disability. <i>Journal of Medical Genetics</i> , 2011, 48, 810-818.	3.2	146
35	Regulation of axonal trafficking of cytochrome c oxidase IV mRNA. <i>Molecular and Cellular Neurosciences</i> , 2010, 43, 422-430.	2.2	61
36	Identification and quantitative analyses of microRNAs located in the distal axons of sympathetic neurons. <i>Rna</i> , 2010, 16, 1516-1529.	3.5	163

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37	Axonal Protein Synthesis and the Regulation of Local Mitochondrial Function. Results and Problems in Cell Differentiation, 2009, 48, 1-25.	0.7	45
38	MicroRNA-338 Regulates Local Cytochrome <i>c</i> Oxidase IV mRNA Levels and Oxidative Phosphorylation in the Axons of Sympathetic Neurons. Journal of Neuroscience, 2008, 28, 12581-12590.	3.6	235
39	Two isoforms of the cold-inducible mRNA-binding protein RBM3 localize to dendrites and promote translation. Journal of Neurochemistry, 2007, 101, 1367-1379.	3.9	78
40	P2X5 Subunit Assembly Requires Scaffolding by the Second Transmembrane Domain and a Conserved Aspartate. Journal of Biological Chemistry, 2006, 281, 39561-39572.	3.4	47
41	Cold stress-induced protein Rbm3 binds 60S ribosomal subunits, alters microRNA levels, and enhances global protein synthesis. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 1865-1870.	7.1	203
42	The fragile X mental retardation protein and group I metabotropic glutamate receptors regulate levels of mRNA granules in brain. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 2180-2185.	7.1	133
43	Trimeric Architecture of Homomeric P2X2 and Heteromeric P2X1+2 Receptor Subtypes. Journal of Molecular Biology, 2004, 342, 333-343.	4.2	113
44	Determination of native oligomeric state and substrate specificity of rat NTPDase1 and NTPDase2 after heterologous expression in Xenopus oocytes. FEBS Journal, 2003, 270, 1802-1809.	0.2	40
45	Ceramide induces translocation of protein kinase C- β to the Golgi compartment of human embryonic kidney cells by interacting with the C2 domain. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2003, 1634, 30-39.	2.4	23
46	ATP Potentiates Interleukin-1 β -induced MMP-9 Expression in Mesangial Cells via Recruitment of the ELAV Protein HuR. Journal of Biological Chemistry, 2003, 278, 51758-51769.	3.4	77
47	Nitric Oxide Induces Degradation of the Neutral Ceramidase in Rat Renal Mesangial Cells and Is Counterregulated by Protein Kinase C. Journal of Biological Chemistry, 2002, 277, 46184-46190.	3.4	53
48	Roles of Individual N-Glycans for ATP Potency and Expression of the Rat P2X1 Receptor. Journal of Biological Chemistry, 2000, 275, 33542-33547.	3.4	54