

Sowmya V Yelamanchili

List of Publications by Citations

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27
papers

766
citations

15
h-index

27
g-index

33
ext. papers

970
ext. citations

6.8
avg, IF

4.33
L-index

#	Paper	IF	Citations
27	The synaptophysin/synaptobrevin interaction critically depends on the cholesterol content. <i>Journal of Neurochemistry</i> , 2003 , 84, 35-42	6	98
26	Mesenchymal Stem Cell-Derived Extracellular Vesicles: Challenges in Clinical Applications. <i>Frontiers in Cell and Developmental Biology</i> , 2020 , 8, 149	5.7	94
25	Traumatic brain injury increases levels of miR-21 in extracellular vesicles: implications for neuroinflammation. <i>FEBS Open Bio</i> , 2016 , 6, 835-46	2.7	91
24	MiR-21 in Extracellular Vesicles Leads to Neurotoxicity via TLR7 Signaling in SIV Neurological Disease. <i>PLoS Pathogens</i> , 2015 , 11, e1005032	7.6	76
23	Up-regulation of microRNA-142 in simian immunodeficiency virus encephalitis leads to repression of sirtuin1. <i>FASEB Journal</i> , 2013 , 27, 3720-9	0.9	53
22	Combined fluorescent in situ hybridization for detection of microRNAs and immunofluorescent labeling for cell-type markers. <i>Frontiers in Cellular Neuroscience</i> , 2013 , 7, 160	6.1	37
21	The synaptophysin/synaptobrevin complex dissociates independently of neuroexocytosis. <i>Journal of Neurochemistry</i> , 2004 , 90, 1-8	6	37
20	Differential sorting of the vesicular glutamate transporter 1 into a defined vesicular pool is regulated by light signaling involving the clock gene Period2. <i>Journal of Biological Chemistry</i> , 2006 , 281, 15671-9	5.4	34
19	Induction of miR-155 after Brain Injury Promotes Type 1 Interferon and has a Neuroprotective Effect. <i>Frontiers in Molecular Neuroscience</i> , 2017 , 10, 228	6.1	32
18	Extracellular Vesicles as Drug Delivery Vehicles to the Central Nervous System. <i>Journal of NeuroImmune Pharmacology</i> , 2020 , 15, 443-458	6.9	30
17	The C-terminal transmembrane region of synaptobrevin binds synaptophysin from adult synaptic vesicles. <i>European Journal of Cell Biology</i> , 2005 , 84, 467-75	6.1	28
16	Upregulation of cathepsin D in the caudate nucleus of primates with experimental parkinsonism. <i>Molecular Neurodegeneration</i> , 2011 , 6, 52	19	26
15	Time of day-dependent sorting of the vesicular glutamate transporter to the plasma membrane. <i>Journal of Biological Chemistry</i> , 2009 , 284, 4300-7	5.4	22
14	Brain-Derived Extracellular Vesicle microRNA Signatures Associated with In Utero and Postnatal Oxycodone Exposure. <i>Cells</i> , 2019 , 9,	7.9	22
13	Defining larger roles for "tiny" RNA molecules: role of miRNAs in neurodegeneration research. <i>Journal of NeuroImmune Pharmacology</i> , 2010 , 5, 63-9	6.9	19
12	Downregulation of an Evolutionary Young miR-1290 in an iPSC-Derived Neural Stem Cell Model of Autism Spectrum Disorder. <i>Stem Cells International</i> , 2019 , 2019, 8710180	5	13
11	Comprehensive Characterization of Nanosized Extracellular Vesicles from Central and Peripheral Organs : Implications for Preclinical and Clinical Applications. <i>ACS Applied Nano Materials</i> , 2020 , 3, 8906-8919	5.6	7

10	Role of microRNAs in the pathophysiology of addiction. <i>Wiley Interdisciplinary Reviews RNA</i> , 2021 , 12, e1637	9.3	7
9	MicroRNA cluster miR199a/214 are differentially expressed in female and male rats following nicotine self-administration. <i>Scientific Reports</i> , 2018 , 8, 17464	4.9	7
8	Role of Brain Derived Extracellular Vesicles in Decoding Sex Differences Associated with Nicotine Self-Administration. <i>Cells</i> , 2020 , 9,	7.9	6
7	Role of Extracellular Vesicles in Substance Abuse and HIV-Related Neurological Pathologies. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	5
6	Characterization of the intergenerational impact of in utero and postnatal oxycodone exposure. <i>Translational Psychiatry</i> , 2020 , 10, 329	8.6	5
5	A comprehensive study to delineate the role of an extracellular vesicle-associated microRNA-29a in chronic methamphetamine use disorder.. <i>Journal of Extracellular Vesicles</i> , 2021 , 10, e12177	16.4	2
4	Extracellular Vesicles from Infected Cells Are Released Prior to Virion Release. <i>Cells</i> , 2021 , 10,	7.9	1
3	Generational Effects of Opioid Exposure. <i>Encyclopedia</i> , 2021 , 1, 99-114		1
2	A Holistic Systems Approach to Characterize the Impact of Pre- and Post-natal Oxycodone Exposure on Neurodevelopment and Behavior. <i>Frontiers in Cell and Developmental Biology</i> , 2020 , 8, 6191-99	5.7	1
1	Distinct Synaptic Vesicle Proteomic Signatures Associated with Pre- and Post-Natal Oxycodone-Exposure. <i>Cells</i> , 2022 , 11, 1740	7.9	