Sowmya V Yelamanchili

List of Publications by Year in Descending Order

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	Distinct Synaptic Vesicle Proteomic Signatures Associated with Pre- and Post-Natal Oxycodone-Exposure. *Cells*, **2022**, 11, 1740	7.9	
26	Extracellular Vesicles from Infected Cells Are Released Prior to Virion Release. *Cells*, **2021**, 10,	7.9	1
25	Role of microRNAs in the pathophysiology of addiction. *Wiley Interdisciplinary Reviews RNA*, **2021**, 12, e1637	9.3	7
24	Generational Effects of Opioid Exposure. *Encyclopedia*, **2021**, 1, 99-114		1
23	A comprehensive study to delineate the role of an extracellular vesicle-associated microRNA-29a in chronic methamphetamine use disorder.. *Journal of Extracellular Vesicles*, **2021**, 10, e12177	16.4	2
22	Role of Extracellular Vesicles in Substance Abuse and HIV-Related Neurological Pathologies. *International Journal of Molecular Sciences*, **2020**, 21,	6.3	5
21	Characterization of the intergenerational impact of in utero and postnatal oxycodone exposure. *Translational Psychiatry*, **2020**, 10, 329	8.6	5
20	Comprehensive Characterization of Nanosized Extracellular Vesicles from Central and Peripheral Organs : Implications for Preclinical and Clinical Applications. *ACS Applied Nano Materials*, **2020**, 3, 8906-8919	5.6	7
19	Role of Brain Derived Extracellular Vesicles in Decoding Sex Differences Associated with Nicotine Self-Administration. *Cells*, **2020**, 9,	7.9	6
18	Extracellular Vesicles as Drug Delivery Vehicles to the Central Nervous System. *Journal of NeuroImmune Pharmacology*, **2020**, 15, 443-458	6.9	30
17	Mesenchymal Stem Cell-Derived Extracellular Vesicles: Challenges in Clinical Applications. *Frontiers in Cell and Developmental Biology*, **2020**, 8, 149	5.7	94
16	A Holistic Systems Approach to Characterize the Impact of Pre- and Post-natal Oxycodone Exposure on Neurodevelopment and Behavior. *Frontiers in Cell and Developmental Biology*, **2020**, 8, 619199	5.7	1
15	Downregulation of an Evolutionary Young miR-1290 in an iPSC-Derived Neural Stem Cell Model of Autism Spectrum Disorder. *Stem Cells International*, **2019**, 2019, 8710180	5	13
14	Brain-Derived Extracellular Vesicle microRNA Signatures Associated with In Utero and Postnatal Oxycodone Exposure. *Cells*, **2019**, 9,	7.9	22
13	MicroRNA cluster miR199a/214 are differentially expressed in female and male rats following nicotine self-administration. *Scientific Reports*, **2018**, 8, 17464	4.9	7
12	Induction of miR-155 after Brain Injury Promotes Type 1 Interferon and has a Neuroprotective Effect. *Frontiers in Molecular Neuroscience*, **2017**, 10, 228	6.1	32
11	Traumatic brain injury increases levels of miR-21 in extracellular vesicles: implications for neuroinflammation. *FEBS Open Bio*, **2016**, 6, 835-46	2.7	91

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10	MiR-21 in Extracellular Vesicles Leads to Neurotoxicity via TLR7 Signaling in SIV Neurological Disease. *PLoS Pathogens*, **2015**, 11, e1005032	7.6	76
9	Up-regulation of microRNA-142 in simian immunodeficiency virus encephalitis leads to repression of sirtuin1. *FASEB Journal*, **2013**, 27, 3720-9	0.9	53
8	Combined fluorescent in situ hybridization for detection of microRNAs and immunofluorescent labeling for cell-type markers. *Frontiers in Cellular Neuroscience*, **2013**, 7, 160	6.1	37
7	Upregulation of cathepsin D in the caudate nucleus of primates with experimental parkinsonism. *Molecular Neurodegeneration*, **2011**, 6, 52	19	26
6	Defining larger roles for "tiny" RNA molecules: role of miRNAs in neurodegeneration research. *Journal of NeuroImmune Pharmacology*, **2010**, 5, 63-9	6.9	19
5	Time of day-dependent sorting of the vesicular glutamate transporter to the plasma membrane. *Journal of Biological Chemistry*, **2009**, 284, 4300-7	5.4	22
4	Differential sorting of the vesicular glutamate transporter 1 into a defined vesicular pool is regulated by light signaling involving the clock gene Period2. *Journal of Biological Chemistry*, **2006**, 281, 15671-9	5.4	34
3	The C-terminal transmembrane region of synaptobrevin binds synaptophysin from adult synaptic vesicles. *European Journal of Cell Biology*, **2005**, 84, 467-75	6.1	28
2	The synaptophysin/synaptobrevin complex dissociates independently of neuroexocytosis. *Journal of Neurochemistry*, **2004**, 90, 1-8	6	37
1	The synaptophysin/synaptobrevin interaction critically depends on the cholesterol content. *Journal of Neurochemistry*, **2003**, 84, 35-42	6	98