Jamuna R Subramaniam

List of Publications by Year
in descending order

28	1,732	567144 15	552653 26
papers	citations	h-index	g-index

30	30	30	1964
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Detrimental effects of fructose on mitochondria in mouse motor neurons and on C. elegans healthspan. Nutritional Neuroscience, 2022, 25, 1277-1286.	1.5	8
2	High Fructose Negatively Impacts Proliferation of NSC-34 Motor Neuron Cell Line. Journal of Neurosciences in Rural Practice, 2022, 13, 114-118.	0.3	0
3	Absence of metabotropic glutamate receptor homolog(s) accelerates acetylcholine neurotransmission in Caenorhabditis elegans. Neuroscience Letters, 2021, 746, 135666.	1.0	5
4	DMSO Delays Alzheimer Disease Causing AÎ²-induced Paralysis in C. elegans Through Modulation of Glutamate/Acetylcholine Neurotransmission. Annals of Neurosciences, 2021, 28, 55-64.	0.9	4
5	Organic solvents can influence acetylcholine neurotransmission in Caenorhabditis elegans. Annals of Neurosciences, 2019, 26, 57-59.	0.9	1
6	A Novel Way of Amelioration of Amyloid Beta Induced Toxicity in <i>Caenorhabditis elegans</i>. Annals of Neurosciences, 2016, 23, 149-154.	0.9	4
7	Reserpine requires the D2-type receptor, dop-3, and the exoribonuclease, eri-1, to extend the lifespan in C. elegans. Journal of Biosciences, 2016, 41, 689-695.	0.5	5
8	<i>Withania somnifera</i> Root Extract Enhances Telomerase Activity in the Human HeLa Cell Line. Advances in Bioscience and Biotechnology (Print), 2016, 07, 199-204.	0.3	12
9	Reserpine Improves Working Memory. Journal of Behavioral and Brain Science, 2016, 06, 107-112.	0.2	3
10	Secreted trophic factors of Human umbilical cord stromal cells induce differentiation and neurite extension through PI3K and independent of cAMP pathway. Annals of Neurosciences, 2015, 22, 97-106.	0.9	12
11	Withania somnifera root extract extends lifespan of Caenorhabditis elegans. Annals of Neurosciences, 2013, 20, 13-6.	0.9	25
12	Reserpine modulates neurotransmitter release to extend lifespan and alleviate age-dependent AÎ² proteotoxicity in Caenorhabditis elegans. Experimental Gerontology, 2012, 47, 188-197.	1.2	46
13	ALS associated mutant SOD1 impairs the motor neurons and astrocytes and wild type astrocyte secreted-factors reverse the. Annals of Neurosciences, 2011, 18, 48-55.	0.9	10
14	Cerebrospinal Fluid from sporadic Amyotrophic Lateral Sclerosis patients induces degeneration of a cultured motor neuron cell line. Brain Research, 2009, 1263, 122-133.	1.1	52
15	Reserpine ameliorates AÎ² toxicity in the Alzheimerâ€™s disease model in Caenorhabditis elegans. Experimental Gerontology, 2009, 44, 462-466.	1.2	58
16	Development and evaluation of an in vivo assay in Caenorhabditis elegans for screening of compounds for their effect on cytochrome P450 expression. Journal of Biosciences, 2008, 33, 269-277.	0.5	24
17	Reserpine can confer stress tolerance and lifespan extension in the nematode C.Âelegans. Biogerontology, 2008, 9, 309-316.	2.0	51
18	Carbon microelectromechanical systems as a substratum for cell growth. Biomedical Materials (Bristol), 2008, 3, 034116.	1.7	58

#	Article	IF	Citations
19	Mechanisms for activating Cu- and Zn-containing superoxide dismutase in the absence of the CCS Cu chaperone. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 5964-5969.	3.3	163
20	Toxicity of Familial ALS-Linked SOD1 Mutants from Selective Recruitment to Spinal Mitochondria. Neuron, 2004, 43, 5-17.	3.8	497
21	Early events of target deprivation/axotomyâ€induced neuronal apoptosis in vivo: oxidative stress, DNA damage, p53 phosphorylation and subcellular redistribution of death proteins. Journal of Neurochemistry, 2003, 85, 234-247.	2.1	71
22	Mutant SOD1 causes motor neuron disease independent of copper chaperoneâ€“mediated copper loading. Nature Neuroscience, 2002, 5, 301-307.	7.1	253
23	Ribozyme-mediated reduction of the GABAA receptor Î±1 subunit. Molecular Brain Research, 2001, 92, 149-156.	2.5	1
24	Copper chaperone for superoxide dismutase is essential to activate mammalian Cu/Zn superoxide dismutase. Proceedings of the National Academy of Sciences of the United States of America, 2000, 97, 2886-2891.	3.3	284
25	Alternative forms of the human thioredoxin mRNA: identification and characterization. Gene, 1996, 173, 265-270.	1.0	16
26	Cloning and sequence of a cDNA encoding a novel hybrid prolme-rich protein associated with cytokinin-induced haustoria formation in Cuscuta reflexa. Gene, 1994, 141, 207-210.	1.0	28
27	Cloning of the triosephosphate isomerase gene of Plasmodium falciparum and expression in Escherichia coli. Molecular and Biochemical Parasitology, 1993, 61, 159-169.	0.5	41
28	Experimental Genetics as a Tool for Understanding Pathogenesis of ALS. , 0, , 173-190.		0