

Michael Tytell

List of Publications by Year in descending order

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Version: 2024-02-01

33
papers

1,423
citations

430874

18
h-index

454955

30
g-index

84
all docs

84
docs citations

84
times ranked

1574
citing authors

#	ARTICLE	IF	CITATIONS
1	In vitro studies show that Hsp70 can be released by glia and that exogenous Hsp70 can enhance neuronal stress tolerance. <i>Brain Research</i> , 2001, 914, 66-73.	2.2	306
2	Regulation of heat shock protein 70 release in astrocytes: Role of signaling kinases. <i>Developmental Neurobiology</i> , 2007, 67, 1815-1829.	3.0	228
3	Extracellular Heat Shock Protein 70: A Critical Component for Motoneuron Survival. <i>Journal of Neuroscience</i> , 2005, 25, 9735-9745.	3.6	122
4	Differential Distribution of 70-kD Heat Shock Protein in Atherosclerosis. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 1995, 15, 27-36.	2.4	88
5	Xenohormesis: health benefits from an eon of plant stress response evolution. <i>Cell Stress and Chaperones</i> , 2010, 15, 761-770.	2.9	75
6	Heat shock proteins: new keys to the development of cytoprotective therapies. <i>Expert Opinion on Therapeutic Targets</i> , 2001, 5, 267-287.	1.0	63
7	Administration of Hsp70 in vivo inhibits motor and sensory neuron degeneration. <i>Cell Stress and Chaperones</i> , 2004, 9, 88.	2.9	61
8	Spinal cord injury and the stress protein response. <i>Journal of Neurosurgery</i> , 1989, 70, 605-611.	1.6	57
9	Exogenous heat shock cognate protein Hsc70 prevents axotomy-induced death of spinal sensory neurons. <i>Cell Stress and Chaperones</i> , 1996, 1, 161.	2.9	55
10	Exogenous HSP70 becomes cell associated, but not internalized, by stressed arterial smooth muscle cells. <i>In Vitro Cellular and Developmental Biology - Animal</i> , 1993, 29, 807-812.	1.5	37
11	Transplantation of cultured type 1 astrocyte cell suspensions into young, adult and aged rat cortex: Cell migration and survival. <i>International Journal of Developmental Neuroscience</i> , 1993, 11, 555-568.	1.6	37
12	Administration of Hsp70 in vivo inhibits motor and sensory neuron degeneration. <i>Cell Stress and Chaperones</i> , 2004, 9, 88-98.	2.9	37
13	Atherosclerosis Alters the Localization of HSP70 in Human and Macaque Aortas. <i>Experimental and Molecular Pathology</i> , 1993, 58, 155-168.	2.1	35
14	Exogenous Hsc70, but not thermal preconditioning, confers protection to motoneurons subjected to oxidative stress. <i>Developmental Neurobiology</i> , 2008, 68, 1-17.	3.0	33
15	Stress protein synthesis by crayfish CNS tissue in vitro. <i>Neurochemical Research</i> , 1991, 16, 533-542.	3.3	22
16	Axonal maintenance, glia, exosomes, and heat shock proteins. <i>F1000Research</i> , 2016, 5, 205.	1.6	21
17	Axonal transport of clathrin-associated proteins. <i>Brain Research</i> , 1987, 407, 1-8.	2.2	20
18	Extracellular heat shock protein 70 has novel functional effects on sea urchin eggs and coelomocytes. <i>Journal of Experimental Biology</i> , 2007, 210, 1275-1287.	1.7	19

#	ARTICLE	IF	CITATIONS
19	Topical heat shock protein 70 prevents imiquimod-induced psoriasis-like inflammation in mice. <i>Cell Stress and Chaperones</i> , 2018, 23, 1129-1135.	2.9	17
20	Growth and repair factors, osteoactivin, matrix metalloproteinase and heat shock protein 72, increase with resolution of inflammation in musculotendinous tissues in a rat model of repetitive grasping. <i>BMC Musculoskeletal Disorders</i> , 2016, 17, 34.	1.9	15
21	Alfalfa-derived HSP70 administered intranasally improves insulin sensitivity in mice. <i>Cell Stress and Chaperones</i> , 2018, 23, 189-194.	2.9	11
22	Properties of LHRH release from a hypothalamic synaptosomal fraction of estrogen-primed ovariectomized rats. <i>Neurochemical Research</i> , 1980, 5, 479-491.	3.3	10
23	A simplified procedure for evaluation and storage of isoelectric focusing gels prior to second-dimension electrophoresis. <i>Electrophoresis</i> , 1985, 6, 296-298.	2.4	10
24	Protein Modification by RNA-Dependent Posttranslational Aminoacylation in Synaptoplasm. <i>Journal of Neurochemistry</i> , 1986, 47, 389-395.	3.9	10
25	Effects of estrogen and progesterone on LHRH release from a hypothalamic synaptosomal fraction of ovariectomized rats. <i>Neurochemical Research</i> , 1980, 5, 493-504.	3.3	7
26	CALMODULIN IN AXONAL TRANSPORT. <i>Annals of the New York Academy of Sciences</i> , 1980, 356, 361-362.	3.8	5
27	Water deprivation protects photoreceptors against light damage. <i>Brain Research</i> , 1990, 534, 99-105.	2.2	5
28	Estrogen and the subcellular distribution of luteinizing hormone releasing hormone: Rate sedimentation studies. <i>Peptides</i> , 1980, 1, 301-307.	2.4	4
29	Slow axonal protein transport and axoplasmic organization. <i>Journal of the Neurological Sciences</i> , 1986, 72, 11-18.	0.6	4
30	In situ fixation of the spinal cord using microwave radiation. <i>Journal of Neurosurgery</i> , 1988, 69, 719-722.	1.6	4
31	Release of Heat Shock Proteins and their Effects When in the Extracellular Space in the Nervous System. , 2008, , 257-272.		2
32	Characterization of Glial Proteins Transferred into the Squid Giant Axon. , 1987, , 247-261.		2
33	Role of Heat Shock Protein 70 (HSP70) in Photoreceptor Cell Survival in the Aged Rat. , 1993, , 309-320.		0