

John J Shacka

List of Publications by Year in descending order

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Version: 2024-02-01

37
papers

12,258
citations

172207

29
h-index

360668

35
g-index

37
all docs

37
docs citations

37
times ranked

24659
citing authors

#	ARTICLE	IF	CITATIONS
1	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , 2016, 12, 1-222.	4.3	4,701
2	Guidelines for the use and interpretation of assays for monitoring autophagy. <i>Autophagy</i> , 2012, 8, 445-544.	4.3	3,122
3	Guidelines for the use and interpretation of assays for monitoring autophagy in higher eukaryotes. <i>Autophagy</i> , 2008, 4, 151-175.	4.3	2,064
4	Regulation of Neuronal Survival Factor MEF2D by Chaperone-Mediated Autophagy. <i>Science</i> , 2009, 323, 124-127.	6.0	282
5	Lysosomal enzyme cathepsin D protects against alpha-synuclein aggregation and toxicity. <i>Molecular Brain</i> , 2008, 1, 17.	1.3	212
6	Bafilomycin A1 Inhibits Chloroquine-Induced Death of Cerebellar Granule Neurons. <i>Molecular Pharmacology</i> , 2006, 69, 1125-1136.	1.0	155
7	The autophagy-lysosomal degradation pathway: role in neurodegenerative disease and therapy. <i>Frontiers in Bioscience - Landmark</i> , 2008, 13, 718.	3.0	116
8	Tristetraprolin Down-regulates Interleukin-8 and Vascular Endothelial Growth Factor in Malignant Glioma Cells. <i>Cancer Research</i> , 2008, 68, 674-682.	0.4	108
9	Oxidative Stress and Autophagy in the Regulation of Lysosome-Dependent Neuron Death. <i>Antioxidants and Redox Signaling</i> , 2009, 11, 481-496.	2.5	106
10	Autophagy, Bafilomycin and Cell Death: The Role of Plecomacrolide-Induced Neuroprotection. <i>Autophagy</i> , 2006, 2, 228-230.	4.3	104
11	Kainic acid induces early and transient autophagic stress in mouse hippocampus. <i>Neuroscience Letters</i> , 2007, 414, 57-60.	1.0	104
12	Rotenone Inhibits Autophagic Flux Prior to Inducing Cell Death. <i>ACS Chemical Neuroscience</i> , 2012, 3, 1063-1072.	1.7	91
13	Cathepsin D Deficiency Induces Persistent Neurodegeneration in the Absence of Bax-Dependent Apoptosis. <i>Journal of Neuroscience</i> , 2007, 27, 2081-2090.	1.7	87
14	Regulation of Neuronal Cell Death and Neurodegeneration by Members of the Bcl-2 Family: Therapeutic Implications. <i>CNS and Neurological Disorders</i> , 2005, 4, 25-39.	4.3	84
15	Lysosome Dysfunction Triggers Atg7-dependent Neural Apoptosis. <i>Journal of Biological Chemistry</i> , 2010, 285, 10497-10507.	1.6	78
16	HIV-1 and Morphine Regulation of Autophagy in Microglia: Limited Interactions in the Context of HIV-1 Infection and Opioid Abuse. <i>Journal of Virology</i> , 2015, 89, 1024-1035.	1.5	74
17	Tandem Mass Spectrometry Multiplex Analysis of Glucosylceramide and Galactosylceramide Isoforms in Brain Tissues at Different Stages of Parkinson Disease. <i>Analytical Chemistry</i> , 2016, 88, 1856-1863.	3.2	68
18	O-GlcNAc regulation of autophagy and α -synuclein homeostasis; implications for Parkinson's disease. <i>Molecular Brain</i> , 2017, 10, 32.	1.3	67

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19	Autophagy-lysosome pathway associated neuropathology and axonal degeneration in the brains of alpha-galactosidase A-deficient mice. <i>Acta Neuropathologica Communications</i> , 2014, 2, 20.	2.4	58
20	Restoration of CTSD (cathepsin D) and lysosomal function in stroke is neuroprotective. <i>Autophagy</i> , 2021, 17, 1330-1348.	4.3	58
21	Low-dose bafilomycin attenuates neuronal cell death associated with autophagy-lysosome pathway dysfunction. <i>Journal of Neurochemistry</i> , 2010, 114, 1193-1204.	2.1	57
22	ATP6V0C Knockdown in Neuroblastoma Cells Alters Autophagy-Lysosome Pathway Function and Metabolism of Proteins that Accumulate in Neurodegenerative Disease. <i>PLoS ONE</i> , 2014, 9, e93257.	1.1	57
23	Prevention of Peroxynitrite-induced Apoptosis of Motor Neurons and PC12 Cells by Tyrosine-containing Peptides. <i>Journal of Biological Chemistry</i> , 2007, 282, 6324-6337.	1.6	53
24	Mouse models of neuronal ceroid lipofuscinoses: Useful pre-clinical tools to delineate disease pathophysiology and validate therapeutics. <i>Brain Research Bulletin</i> , 2012, 88, 43-57.	1.4	53
25	Induction of motor neuron apoptosis by free 3-nitro-L-tyrosine. <i>Journal of Neurochemistry</i> , 2004, 89, 602-612.	2.1	48
26	Altered Regulation of Phosphatidylinositol 3-kinase Signaling in Cathepsin D-Deficient Brain. <i>Autophagy</i> , 2007, 3, 222-229.	4.3	38
27	Autophagy in the brains of young patients with poorly controlled T1DM and fatal diabetic ketoacidosis. <i>Experimental and Molecular Pathology</i> , 2012, 93, 273-280.	0.9	38
28	The lysosomal enzyme alpha-Galactosidase A is deficient in Parkinson's disease brain in association with the pathologic accumulation of alpha-synuclein. <i>Neurobiology of Disease</i> , 2018, 110, 68-81.	2.1	38
29	A Novel Sulindac Derivative Inhibits Lung Adenocarcinoma Cell Growth through Suppression of Akt/mTOR Signaling and Induction of Autophagy. <i>Molecular Cancer Therapeutics</i> , 2013, 12, 663-674.	1.9	35
30	Cathepsin D Deficiency and NCL/Batten Disease: There's More to Death than Apoptosis. <i>Autophagy</i> , 2007, 3, 474-476.	4.3	28
31	p53 Transcription-Dependent and -Independent Regulation of Cerebellar Neural Precursor Cell Apoptosis. <i>Journal of Neuropathology and Experimental Neurology</i> , 2007, 66, 66-74.	0.9	26
32	Mutant tristetraprolin: a potent inhibitor of malignant glioma cell growth. <i>Journal of Neuro-Oncology</i> , 2013, 113, 195-205.	1.4	23
33	Cathepsin Deficiency as a Model for Neuronal Ceroid Lipofuscinoses. <i>American Journal of Pathology</i> , 2005, 167, 1473-1476.	1.9	13
34	Autophagy Modulation in Disease Therapy: Where Do We Stand?. <i>Current Pathobiology Reports</i> , 2013, 1, 239-245.	1.6	10
35	Increased autophagic response in a population of metastatic breast cancer cells. <i>Oncology Letters</i> , 2016, 12, 523-529.	0.8	2
36	LYSOSOME STORAGE DISORDERS ON THE BRAIN: THE AUTOPHAGY LYSOSOME PATHWAY CONTRIBUTES TO DISEASE PATHOPHYSIOLOGY AND MAY BE UTILIZED FOR THERAPEUTIC BENEFIT. , 2012, , 331-354.		0

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37	Regulation of Neuron Death in Neonatal Hypoxiaâ€Ischemia. FASEB Journal, 2009, 23, 235.6.	0.2	0