

Ikuo Tooyama

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

619
citations

759055

12
h-index

642610

23
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23
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23
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1293
citing authors

#	ARTICLE	IF	CITATIONS
1	LC3/FtMt Colocalization Patterns Reveal the Progression of FtMt Accumulation in Nigral Neurons of Patients with Progressive Supranuclear Palsy. <i>International Journal of Molecular Sciences</i> , 2022, 23, 537.	1.8	3
2	Nicotinic Acetylcholine Receptors and Microglia as Therapeutic and Imaging Targets in Alzheimer's Disease. <i>Molecules</i> , 2022, 27, 2780.	1.7	10
3	Fluorine-19 Magnetic Resonance Imaging for Detection of Amyloid β^2 Oligomers Using a Keto Form of Curcumin Derivative in a Mouse Model of Alzheimer's Disease. <i>Molecules</i> , 2021, 26, 1362.	1.7	10
4	Characterization of a Conformation-Restricted Amyloid β^2 Peptide and Immunoreactivity of Its Antibody in Human AD brain. <i>ACS Chemical Neuroscience</i> , 2021, 12, 3418-3432.	1.7	13
5	A Fluorine-19 Magnetic Resonance Probe, Shiga-Y5, Downregulates Thioredoxin-Interacting Protein Expression in the Brain of a Mouse Model of Alzheimer's Disease. <i>Molecules</i> , 2021, 26, 5342.	1.7	1
6	The effect of α -tocopherol, α - and β -tocotrienols on amyloid- β^2 aggregation and disaggregation in vitro. <i>Biochemistry and Biophysics Reports</i> , 2021, 28, 101131.	0.7	2
7	A Mechanistic Evaluation of Antioxidant Nutraceuticals on Their Potential against Age-Associated Neurodegenerative Diseases. <i>Antioxidants</i> , 2020, 9, 1019.	2.2	18
8	Thioredoxin-Interacting Protein (TXNIP) with Focus on Brain and Neurodegenerative Diseases. <i>International Journal of Molecular Sciences</i> , 2020, 21, 9357.	1.8	74
9	Patterns of Expression of Purinergic Receptor P2RY12, a Putative Marker for Non-Activated Microglia, in Aged and Alzheimer's Disease Brains. <i>International Journal of Molecular Sciences</i> , 2020, 21, 678.	1.8	86
10	Microglial Phenotyping in Neurodegenerative Disease Brains: Identification of Reactive Microglia with an Antibody to Variant of CD105/Endoglin. <i>Cells</i> , 2019, 8, 766.	1.8	11
11	Microglial Progranulin: Involvement in Alzheimer's Disease and Neurodegenerative Diseases. <i>Cells</i> , 2019, 8, 230.	1.8	53
12	Identification of juvenility-associated genes in the mouse hepatocytes and cardiomyocytes. <i>Scientific Reports</i> , 2018, 8, 3132.	1.6	8
13	Elimination of TDP-43 inclusions linked to amyotrophic lateral sclerosis by a misfolding-specific intrabody with dual proteolytic signals. <i>Scientific Reports</i> , 2018, 8, 6030.	1.6	54
14	Fluorine-19 magnetic resonance imaging probe for the detection of tau pathology in female rTg4510 mice. <i>Journal of Neuroscience Research</i> , 2018, 96, 841-851.	1.3	10
15	Study of tau pathology in male rTg4510 mice fed with a curcumin derivative Shiga-Y5. <i>PLoS ONE</i> , 2018, 13, e0208440.	1.1	6
16	Mitochondrial ferritin protects SH-SY5Y cells against H ₂ O ₂ -induced oxidative stress and modulates α -synuclein expression. <i>Experimental Neurology</i> , 2017, 291, 51-61.	2.0	45
17	Age-related changes in the metabolic profiles of rat hippocampus, medial prefrontal cortex and striatum. <i>Biochemical and Biophysical Research Communications</i> , 2017, 493, 1356-1363.	1.0	14
18	Volumetric changes in the aging rat brain and its impact on cognitive and locomotor functions. <i>Experimental Gerontology</i> , 2017, 99, 69-79.	1.2	63

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19	Mitochondrial ferritin affects mitochondria by stabilizing HIF-1 α in retinal pigment epithelium: implications for the pathophysiology of age-related macular degeneration. <i>Neurobiology of Aging</i> , 2016, 47, 168-179.	1.5	26
20	Amyloid imaging using fluorine-19 magnetic resonance imaging (19F-MRI). <i>Ageing Research Reviews</i> , 2016, 30, 85-94.	5.0	30
21	Novel curcumin derivatives as potent inhibitors of amyloid β aggregation. <i>Biochemistry and Biophysics Reports</i> , 2015, 4, 357-368.	0.7	28
22	Alpha1-chimaerin, a Rac1 GTPase-activating protein, is expressed at reduced mRNA levels in the brain of Alzheimer's disease patients. <i>Neuroscience Letters</i> , 2015, 591, 19-24.	1.0	11
23	Morphologic Study of Neuronal Death, Glial Activation, and Progenitor Cell Division in the Hippocampus of Rat Models of Epilepsy. <i>Epilepsia</i> , 2002, 43, 39-43.	2.6	43