

Ester Aso

List of Publications by Year in descending order

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Version: 2024-02-01

61
papers

3,061
citations

126907

33
h-index

161849

54
g-index

66
all docs

66
docs citations

66
times ranked

4902
citing authors

#	ARTICLE	IF	CITATIONS
1	BDNF impairment in the hippocampus is related to enhanced despair behavior in CB ₁ knockout mice. <i>Journal of Neurochemistry</i> , 2008, 105, 565-572.	3.9	175
2	CB2 Cannabinoid Receptor Agonist Ameliorates Alzheimer-Like Phenotype in A β 2PP/PS1 Mice. <i>Journal of Alzheimer's Disease</i> , 2013, 35, 847-858.	2.6	167
3	Cannabinoids for treatment of Alzheimer's disease: moving toward the clinic. <i>Frontiers in Pharmacology</i> , 2014, 5, 37.	3.5	166
4	DNA methylation map of mouse and human brain identifies target genes in Alzheimer's disease. <i>Brain</i> , 2013, 136, 3018-3027.	7.6	129
5	Cannabis-Based Medicine Reduces Multiple Pathological Processes in A β 2PP/PS1 Mice. <i>Journal of Alzheimer's Disease</i> , 2014, 43, 977-991.	2.6	110
6	Delta9-tetrahydrocannabinol decreases somatic and motivational manifestations of nicotine withdrawal in mice. <i>European Journal of Neuroscience</i> , 2004, 20, 2737-2748.	2.6	106
7	Neuroinflammatory Signals in Alzheimer Disease and APP/PS1 Transgenic Mice. <i>Journal of Neuropathology and Experimental Neurology</i> , 2015, 74, 319-344.	1.7	105
8	Promoter hypermethylation of the phosphatase DUSP22 mediates PKA-dependent TAU phosphorylation and CREB activation in Alzheimer's disease. <i>Hippocampus</i> , 2014, 24, 363-368.	1.9	98
9	CB1 Agonist ACEA Protects Neurons and Reduces the Cognitive Impairment of A β 2PP/PS1 Mice. <i>Journal of Alzheimer's Disease</i> , 2012, 30, 439-459.	2.6	96
10	Amyloid Generation and Dysfunctional Immunoproteasome Activation with Disease Progression in Animal Model of Familial Alzheimer's Disease. <i>Brain Pathology</i> , 2012, 22, 636-653.	4.1	95
11	CB2 Cannabinoid Receptor As Potential Target against Alzheimer's Disease. <i>Frontiers in Neuroscience</i> , 2016, 10, 243.	2.8	92
12	Neuronal Hemoglobin is Reduced in Alzheimer's Disease, Argyrophilic Grain Disease, Parkinson's Disease, and Dementia with Lewy Bodies. <i>Journal of Alzheimer's Disease</i> , 2011, 23, 537-550.	2.6	86
13	Lack of CB ₁ receptor activity impairs serotonergic negative feedback. <i>Journal of Neurochemistry</i> , 2009, 109, 935-944.	3.9	85
14	Role of the cannabinoid system in the effects induced by nicotine on anxiety-like behaviour in mice. <i>Psychopharmacology</i> , 2006, 184, 504-513.	3.1	82
15	Cannabinoid pharmacology/therapeutics in chronic degenerative disorders affecting the central nervous system. <i>Biochemical Pharmacology</i> , 2018, 157, 67-84.	4.4	75
16	Poly(propylene imine) dendrimers with histidine-maltose shell as novel type of nanoparticles for synapse and memory protection. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2019, 17, 198-209.	3.3	75
17	CB ₁ knockout mice display impaired functionality of 5-HT _{1A} and 5-HT _{2A/C} receptors. <i>Journal of Neurochemistry</i> , 2007, 103, 2111-2120.	3.9	73
18	Evidence for Premature Lipid Raft Aging in APP/PS1 Double-Transgenic Mice, a Model of Familial Alzheimer Disease. <i>Journal of Neuropathology and Experimental Neurology</i> , 2012, 71, 868-881.	1.7	69

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19	Dysregulation of brain olfactory and taste receptors in AD, PSP and CJD, and AD-related model. <i>Neuroscience</i> , 2013, 248, 369-382.	2.3	68
20	Effect of Poly(propylene imine) Glycodendrimers on β -Amyloid Aggregation in Vitro and in APP/PS1 Transgenic Mice, as a Model of Brain Amyloid Deposition and Alzheimer's Disease. <i>Biomacromolecules</i> , 2013, 14, 3570-3580.	5.4	64
21	Novel Levetiracetam Derivatives That Are Effective against the Alzheimer-like Phenotype in Mice: Synthesis, in Vitro, ex Vivo, and in Vivo Efficacy Studies. <i>Journal of Medicinal Chemistry</i> , 2015, 58, 6018-6032.	6.4	58
22	Cannabinoid Receptor 2 Participates in Amyloid- β Processing in a Mouse Model of Alzheimer's Disease but Plays a Minor Role in the Therapeutic Properties of a Cannabis-Based Medicine. <i>Journal of Alzheimer's Disease</i> , 2016, 51, 489-500.	2.6	56
23	An early dysregulation of FAK and MEK/ERK signaling pathways precedes the β -amyloid deposition in the olfactory bulb of APP/PS1 mouse model of Alzheimer's disease. <i>Journal of Proteomics</i> , 2016, 148, 149-158.	2.4	56
24	Involvement of the opioid system in the effects induced by nicotine on anxiety-like behaviour in mice. <i>Psychopharmacology</i> , 2005, 181, 260-269.	3.1	55
25	Chronic stress and impaired glutamate function elicit a depressive-like phenotype and common changes in gene expression in the mouse frontal cortex. <i>European Neuropsychopharmacology</i> , 2011, 21, 23-32.	0.7	55
26	Neuroinflammatory Gene Regulation, Mitochondrial Function, Oxidative Stress, and Brain Lipid Modifications With Disease Progression in Tau P301S Transgenic Mice as a Model of Frontotemporal Lobar Degeneration-Tau. <i>Journal of Neuropathology and Experimental Neurology</i> , 2015, 74, 975-999.	1.7	55
27	PPAR γ agonist-loaded PLGA-PEG nanocarriers as a potential treatment for Alzheimer's disease: in vitro and in vivo studies. <i>International Journal of Nanomedicine</i> , 2018, Volume 13, 5577-5590.	6.7	52
28	Amyotrophic lateral sclerosis, gene deregulation in the anterior horn of the spinal cord and frontal cortex area 8: implications in frontotemporal lobar degeneration. <i>Aging</i> , 2017, 9, 823-851.	3.1	50
29	Delineating the Efficacy of a Cannabis-Based Medicine at Advanced Stages of Dementia in a Murine Model. <i>Journal of Alzheimer's Disease</i> , 2016, 54, 903-912.	2.6	49
30	Elevated levels of Secreted-Frizzled-Related-Protein 1 contribute to Alzheimer's disease pathogenesis. <i>Nature Neuroscience</i> , 2019, 22, 1258-1268.	14.8	48
31	Adenosine A2A-Cannabinoid CB1 Receptor Heteromers in the Hippocampus: Cannabidiol Blunts β -Tetrahydrocannabinol-Induced Cognitive Impairment. <i>Molecular Neurobiology</i> , 2019, 56, 5382-5391.	4.0	47
32	Triheptanoin Supplementation to Ketogenic Diet Curbs Cognitive Impairment in APP/PS1 Mice Used as a Model of Familial Alzheimer's Disease. <i>Current Alzheimer Research</i> , 2013, 10, 290-297.	1.4	44
33	Genes differentially expressed in CB1 knockout mice: Involvement in the depressive-like phenotype. <i>European Neuropsychopharmacology</i> , 2011, 21, 11-22.	0.7	40
34	Essential role of the N-terminal region of TFII-I in viability and behavior. <i>BMC Medical Genetics</i> , 2010, 11, 61.	2.1	35
35	Genetic deletion of CB1 cannabinoid receptors exacerbates the Alzheimer-like symptoms in a transgenic animal model. <i>Biochemical Pharmacology</i> , 2018, 157, 210-216.	4.4	32
36	Memory Improvement in the APP/PS1 Mouse Model of Familial Alzheimer's Disease Induced by Carbamylated-Erythropoietin is Accompanied by Modulation of Synaptic Genes. <i>Journal of Alzheimer's Disease</i> , 2015, 45, 407-421.	2.6	30

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37	Inflammatory Gene Expression in Whole Peripheral Blood at Early Stages of Sporadic Amyotrophic Lateral Sclerosis. <i>Frontiers in Neurology</i> , 2017, 8, 546.	2.4	26
38	Complex Inflammation mRNA-Related Response in ALS Is Region Dependent. <i>Neural Plasticity</i> , 2015, 2015, 1-11.	2.2	25
39	Centrally Active Multitarget Anti-Alzheimer Agents Derived from the Antioxidant Lead CR-6. <i>Journal of Medicinal Chemistry</i> , 2020, 63, 9360-9390.	6.4	25
40	Decreased striatal adenosine A2A-dopamine D2 receptor heteromerization in schizophrenia. <i>Neuropsychopharmacology</i> , 2021, 46, 665-672.	5.4	24
41	Cerebellar Amyloid- β^2 Plaques: Disturbed Cortical Circuitry in A β PP/PS1 Transgenic Mice as a Model of Familial Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2012, 31, 285-300.	2.6	23
42	Attenuation by baclofen of nicotine rewarding properties and nicotine withdrawal manifestations. <i>Psychopharmacology</i> , 2014, 231, 3031-3040.	3.1	23
43	Remote local photoactivation of morphine produces analgesia without opioid-related adverse effects. <i>British Journal of Pharmacology</i> , 2023, 180, 958-974.	5.4	15
44	It may be possible to delay the onset of neurodegenerative diseases with an immunosuppressive drug (rapamycin). <i>Expert Opinion on Biological Therapy</i> , 2013, 13, 1215-1219.	3.1	14
45	Altered expression of neuronal tryptophan hydroxylase-2 mRNA in the dorsal and median raphe nuclei of three genetically modified mouse models relevant to depression and anxiety. <i>Journal of Chemical Neuroanatomy</i> , 2011, 41, 227-233.	2.1	13
46	Cannabidiol-Enriched Extract Reduced the Cognitive Impairment but Not the Epileptic Seizures in a Lafora Disease Animal Model. <i>Cannabis and Cannabinoid Research</i> , 2020, 5, 150-163.	2.9	13
47	Shared changes in gene expression in frontal cortex of four genetically modified mouse models of depression. <i>European Neuropsychopharmacology</i> , 2011, 21, 3-10.	0.7	12
48	Synchrotron X-ray Fluorescence and FTIR Signatures for Amyloid Fibrillary and Nonfibrillary Plaques. <i>ACS Chemical Neuroscience</i> , 2021, 12, 1961-1971.	3.5	11
49	In situ identification and G4-PPI-His-Mal-dendrimer-induced reduction of early-stage amyloid aggregates in Alzheimer's disease transgenic mice using synchrotron-based infrared imaging. <i>Scientific Reports</i> , 2021, 11, 18368.	3.3	9
50	Baclofen and 2-hydroxysaclofen modify acute hypolocomotive and antinociceptive effects of nicotine. <i>European Journal of Pharmacology</i> , 2014, 738, 200-205.	3.5	8
51	Overcoming the Challenges of Detecting GPCR Oligomerization in the Brain. <i>Current Neuropharmacology</i> , 2022, 20, 1035-1045.	2.9	7
52	Fibrinogen-Derived β 377-395 Peptide Improves Cognitive Performance and Reduces Amyloid- β^2 Deposition, without Altering Inflammation, in A β PP/PS1 Mice. <i>Journal of Alzheimer's Disease</i> , 2015, 47, 403-412.	2.6	6
53	The cannabis paradox: when age matters. <i>Nature Medicine</i> , 2017, 23, 661-662.	30.7	6
54	Synthesis of triheptanoin and formulation as a solid diet for rodents. <i>European Journal of Lipid Science and Technology</i> , 2012, 114, 889-895.	1.5	5

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55	FOXP2 Expression in Frontotemporal Lobar Degeneration-Tau. Journal of Alzheimer's Disease, 2016, 54, 471-475.	2.6	3
56	Potential Therapeutic Strategies to Prevent the Progression of Alzheimer to Disease States. , 0, , .		2
57	Genetically Modified Mice as Tools to Understand the Neurobiological Substrates of Depression. Current Pharmaceutical Design, 2014, 20, 3718-3737.	1.9	2
58	Activating cannabinoid receptor 2 preserves axonal health through GSK-3 β /NRF2 axis in adrenoleukodystrophy. Acta Neuropathologica, 2022, 144, 241-258.	7.7	2
59	B83 DEPRESSIVE-LIKE BEHAVIOURAL AND BIOCHEMICAL RESPONSES IN CB1 KNOCKOUT MICE. Behavioural Pharmacology, 2005, 16, S92.	1.7	0
60	P.2.b.018 Genes differentially expressed in CB1 knockout mice: involvement in the depressive-like phenotype. European Neuropsychopharmacology, 2009, 19, S401-S402.	0.7	0
61	Synthesis, In Vitro Profiling, and In Vivo Efficacy Studies of a New Family of Multitarget Anti-Alzheimer Compounds. Proceedings (mdpi), 2019, 22, .	0.2	0