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List of Publications by Year in descending order

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Version: 2024-02-01

69
papers

1,665
citations

304743

22
h-index

315739

38
g-index

81
all docs

81
docs citations

81
times ranked

2080
citing authors

#	ARTICLE	IF	CITATIONS
1	Discovery and In Vivo Proof of Concept of a Highly Potent Dual Inhibitor of Soluble Epoxide Hydrolase and Acetylcholinesterase for the Treatment of Alzheimer's Disease. <i>Journal of Medicinal Chemistry</i> , 2022, 65, 4909-4925.	6.4	22
2	AAV-mediated expression of secreted and transmembrane β -Klotho isoforms rescues relevant aging hallmarks in senescent SAMP8 mice. <i>Aging Cell</i> , 2022, 21, e13581.	6.7	10
3	Design, synthesis, and in vitro and in vivo characterization of new memantine analogs for Alzheimer's disease. <i>European Journal of Medicinal Chemistry</i> , 2022, 236, 114354.	5.5	10
4	Structure-Based Virtual Screening and <i>in vitro</i> and <i>in vivo</i> Analyses Revealed Potent Methyltransferase G9a Inhibitors as Prospective Anti-Alzheimer's Agents. <i>ChemMedChem</i> , 2022, 17, .	3.2	5
5	Insights into the Pharmacokinetics and In Vitro Cell-Based Studies of the Imidazoline I2 Receptor Ligand B06. <i>International Journal of Molecular Sciences</i> , 2022, 23, 5408.	4.1	3
6	The Neuroprotective Effects of Spray-Dried Porcine Plasma Supplementation Involve the Microbiota-Gut-Brain Axis. <i>Nutrients</i> , 2022, 14, 2211.	4.1	7
7	NMDA receptor antagonists reduce amyloid- β deposition by modulating calpain-1 signaling and autophagy, rescuing cognitive impairment in 5XFAD mice. <i>Cellular and Molecular Life Sciences</i> , 2022, 79, .	5.4	13
8	Neuroprotective Effects of Resveratrol by Modifying Cholesterol Metabolism and $A\beta$ Processing in SAMP8 Mice. <i>International Journal of Molecular Sciences</i> , 2022, 23, 7580.	4.1	6
9	Resveratrol confers neuroprotection against high-fat diet in a mouse model of Alzheimer's disease via modulation of proteolytic mechanisms. <i>Journal of Nutritional Biochemistry</i> , 2021, 89, 108569.	4.2	28
10	I2 imidazoline receptor modulation protects aged SAMP8 mice against cognitive decline by suppressing the calcineurin pathway. <i>GeroScience</i> , 2021, 43, 965-983.	4.6	11
11	Resveratrol Supplementation Attenuates Cognitive and Molecular Alterations under Maternal High-Fat Diet Intake: Epigenetic Inheritance over Generations. <i>International Journal of Molecular Sciences</i> , 2021, 22, 1453.	4.1	23
12	Inhibition of Soluble Epoxide Hydrolase Ameliorates Phenotype and Cognitive Abilities in a Murine Model of Niemann Pick Type C Disease. <i>International Journal of Molecular Sciences</i> , 2021, 22, 3409.	4.1	1
13	The pleiotropic neuroprotective effects of resveratrol in cognitive decline and Alzheimer's disease pathology: From antioxidant to epigenetic therapy. <i>Ageing Research Reviews</i> , 2021, 67, 101271.	10.9	115
14	A bicyclic β -iminophosphonate improves cognitive decline in 5xFAD murine model of neurodegeneration. <i>FASEB Journal</i> , 2021, 35, .	0.5	0
15	From the Design to the <i>In Vivo</i> Evaluation of Benzohomoadamantane-Derived Soluble Epoxide Hydrolase Inhibitors for the Treatment of Acute Pancreatitis. <i>Journal of Medicinal Chemistry</i> , 2021, 64, 5429-5446.	6.4	12
16	Disease-modifying treatment with β imidazoline receptor ligand LSL60101 in an Alzheimer's disease mouse model: a comparative study with donepezil. <i>British Journal of Pharmacology</i> , 2021, 178, 3017-3033.	5.4	16
17	The Contribution of Epigenetic Inheritance Processes on Age-Related Cognitive Decline and Alzheimer's Disease. <i>Epigenomes</i> , 2021, 5, 15.	1.8	12
18	RNA-seq and miRNA-seq data from pharmacological inhibition of the G9a/GLP histone methyltransferase complex with UNC0642 in SAMP8 mice. <i>Data in Brief</i> , 2021, 36, 107114.	1.0	1

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19	Dietary Spray-Dried Porcine Plasma Reduces Neuropathological Alzheimer's Disease Hallmarks in SAMP8 Mice. <i>Nutrients</i> , 2021, 13, 2369.	4.1	9
20	Synergistic Neuroprotective Effects of a Natural Product Mixture against AD Hallmarks and Cognitive Decline in <i>Caenorhabditis elegans</i> and an SAMP8 Mice Model. <i>Nutrients</i> , 2021, 13, 2411.	4.1	9
21	INCREASING STUDENTS' ENGAGEMENT IN THE DEVELOPMENT AND RESOLUTION OF CLINICAL CASE REPORTS IN A PHARMACOLOGY SUBJECT. , 2021, , .		0
22	Microarray Analysis Revealed Inflammatory Transcriptomic Changes after LSL60101 Treatment in 5XFAD Mice Model. <i>Genes</i> , 2021, 12, 1315.	2.4	1
23	Chronic liquid fructose supplementation does not cause liver tumorigenesis but elicits clear sex differences in the metabolic response in Sprague-Dawley rats. <i>Food and Nutrition Research</i> , 2021, 65, .	2.6	1
24	Benzofuranyl-2-imidazoles as imidazoline I2 receptor ligands for Alzheimer's disease. <i>European Journal of Medicinal Chemistry</i> , 2021, 222, 113540.	5.5	15
25	From virtual screening hits targeting a cryptic pocket in BACE-1 to a nontoxic brain permeable multitarget anti-Alzheimer lead with disease-modifying and cognition-enhancing effects. <i>European Journal of Medicinal Chemistry</i> , 2021, 225, 113779.	5.5	7
26	Inhibition of 11 β -HSD1 Ameliorates Cognition and Molecular Detrimental Changes after Chronic Mild Stress in SAMP8 Mice. <i>Pharmaceuticals</i> , 2021, 14, 1040.	3.8	2
27	Reply to Nifli, A.-P. Comment on "Rosell-Cardona et al. Dietary Spray-Dried Porcine Plasma Reduces Neuropathological Alzheimer's Disease Hallmarks in SAMP8 Mice. <i>Nutrients</i> 2021, 13, 2369". <i>Nutrients</i> , 2021, 13, 4065.	4.1	2
28	Dietary Spray-Dried Porcine Plasma Prevents Cognitive Decline in Senescent Mice and Reduces Neuroinflammation and Oxidative Stress. <i>Journal of Nutrition</i> , 2020, 150, 303-311.	2.9	15
29	11 β -HSD1 Inhibition Rescues SAMP8 Cognitive Impairment Induced by Metabolic Stress. <i>Molecular Neurobiology</i> , 2020, 57, 551-565.	4.0	12
30	Adenosine and Metabotropic Glutamate Receptors Are Present in Blood Serum and Exosomes from SAMP8 Mice: Modulation by Aging and Resveratrol. <i>Cells</i> , 2020, 9, 1628.	4.1	7
31	P.820Pharmacological inhibition of soluble epoxide hydrolase protects cognitive impairment in a Niemann-Pick mice model. <i>European Neuropsychopharmacology</i> , 2020, 40, S459-S460.	0.7	0
32	Dietary antioxidants, epigenetics, and brain aging: A focus on resveratrol. , 2020, , 343-357.		2
33	Soluble Epoxide Hydrolase Inhibition to Face Neuroinflammation in Parkinson's Disease: A New Therapeutic Strategy. <i>Biomolecules</i> , 2020, 10, 703.	4.0	21
34	Pharmacological Inhibition of Soluble Epoxide Hydrolase as a New Therapy for Alzheimer's Disease. <i>Neurotherapeutics</i> , 2020, 17, 1825-1835.	4.4	45
35	Amelioration of BPSD-Like Phenotype and Cognitive Decline in SAMP8 Mice Model Accompanied by Molecular Changes after Treatment with I2-Imidazoline Receptor Ligand MCR5. <i>Pharmaceutics</i> , 2020, 12, 475.	4.5	11
36	Modulation of KDM1A with vafidemstat rescues memory deficit and behavioral alterations. <i>PLoS ONE</i> , 2020, 15, e0233468.	2.5	29

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37	Bicyclic 1,2-Iminophosphonates as High Affinity Imidazoline I ₂ Receptor Ligands for Alzheimer's Disease. Journal of Medicinal Chemistry, 2020, 63, 3610-3633.	6.4	17
38	Chronic Mild Stress Modified Epigenetic Mechanisms Leading to Accelerated Senescence and Impaired Cognitive Performance in Mice. International Journal of Molecular Sciences, 2020, 21, 1154.	4.1	10
39	A Novel NMDA Receptor Antagonist Protects against Cognitive Decline Presented by Senescent Mice. Pharmaceuticals, 2020, 12, 284.	4.5	41
40	Modulation of KDM1A with vafidemstat rescues memory deficit and behavioral alterations. , 2020, 15, e0233468.		0
41	Modulation of KDM1A with vafidemstat rescues memory deficit and behavioral alterations. , 2020, 15, e0233468.		0
42	Modulation of KDM1A with vafidemstat rescues memory deficit and behavioral alterations. , 2020, 15, e0233468.		0
43	Modulation of KDM1A with vafidemstat rescues memory deficit and behavioral alterations. , 2020, 15, e0233468.		0
44	Resveratrol Induces Brain Resilience Against Alzheimer Neurodegeneration Through Proteostasis Enhancement. Molecular Neurobiology, 2019, 56, 1502-1516.	4.0	104
45	(2-Imidazolin-4-yl)phosphonates: Green Chemistry and Biology Walk Together. Proceedings (mdpi), 2019, 22, 97.	0.2	0
46	Maternal Resveratrol Supplementation Prevents Cognitive Decline in Senescent Mice Offspring. International Journal of Molecular Sciences, 2019, 20, 1134.	4.1	29
47	Behavioral and Cognitive Improvement Induced by Novel Imidazoline I ₂ Receptor Ligands in Female SAMP8 Mice. Neurotherapeutics, 2019, 16, 416-431.	4.4	22
48	Pharmacological inhibition of G9a/GLP restores cognition and reduces oxidative stress, neuroinflammation and Aβ-Amyloid plaques in an early-onset Alzheimer's disease mouse model. Aging, 2019, 11, 11591-11608.	3.1	49
49	Peripheral Maintenance of the Axis SIRT1-SIRT3 at Youth Level May Contribute to Brain Resilience in Middle-Aged Amateur Rugby Players. Frontiers in Aging Neuroscience, 2019, 11, 352.	3.4	10
50	A New Family of Imidazoline I ₂ Receptor Ligands Improves Behavior and Cognition in SAMP8 Mice. FASEB Journal, 2019, 33, 806.19.	0.5	0
51	11β-HSD1 Inhibition by RL-118 Promotes Autophagy and Correlates with Reduced Oxidative Stress and Inflammation, Enhancing Cognitive Performance in SAMP8 Mouse Model. Molecular Neurobiology, 2018, 55, 8904-8915.	4.0	25
52	Impairment of Novel Object Recognition Memory and Brain Insulin Signaling in Fructose- but Not Glucose-Drinking Female Rats. Molecular Neurobiology, 2018, 55, 6984-6999.	4.0	37
53	Resveratrol modulates response against acute inflammatory stimuli in aged mouse brain. Experimental Gerontology, 2018, 102, 3-11.	2.8	23
54	Temporal Integrative Analysis of mRNA and microRNAs Expression Profiles and Epigenetic Alterations in Female SAMP8, a Model of Age-Related Cognitive Decline. Frontiers in Genetics, 2018, 9, 596.	2.3	18

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55	Understanding Epigenetics in the Neurodegeneration of Alzheimer's Disease: SAMP8 Mouse Model. Journal of Alzheimer's Disease, 2018, 62, 943-963.	2.6	67
56	Environmental Enrichment Improves Cognitive Deficits, AD Hallmarks and Epigenetic Alterations Presented in 5xFAD Mouse Model. Frontiers in Cellular Neuroscience, 2018, 12, 224.	3.7	70
57	Melatonin induces mechanisms of brain resilience against neurodegeneration. Journal of Pineal Research, 2018, 65, e12515.	7.4	59
58	Novel Imidazoline I ₂ Receptor Ligands for Alzheimer's Disease. FASEB Journal, 2018, 32, 552.1.	0.5	0
59	Resveratrol Protects SAMP8 Brain Under Metabolic Stress: Focus on Mitochondrial Function and Wnt Pathway. Molecular Neurobiology, 2017, 54, 1661-1676.	4.0	55
60	Metabolic Stress Induces Cognitive Disturbances and Inflammation in Aged Mice: Protective Role of Resveratrol. Rejuvenation Research, 2017, 20, 202-217.	1.8	44
61	Design, synthesis and in vivo study of novel pyrrolidine-based 11 β -HSD1 inhibitors for age-related cognitive dysfunction. European Journal of Medicinal Chemistry, 2017, 139, 412-428.	5.5	12
62	Environmental Enrichment Modified Epigenetic Mechanisms in SAMP8 Mouse Hippocampus by Reducing Oxidative Stress and Inflammation and Achieving Neuroprotection. Frontiers in Aging Neuroscience, 2016, 8, 241.	3.4	68
63	Behaviour and cognitive changes correlated with hippocampal neuroinflammation and neuronal markers in female SAMP8, a model of accelerated senescence. Experimental Gerontology, 2016, 80, 57-69.	2.8	57
64	Environmental Enrichment Improves Behavior, Cognition, and Brain Functional Markers in Young Senescence-Accelerated Prone Mice (SAMP8). Molecular Neurobiology, 2016, 53, 2435-2450.	4.0	63
65	Epigenetic mechanisms underlying cognitive impairment and Alzheimer disease hallmarks in 5XFAD mice. Aging, 2016, 8, 664-684.	3.1	94
66	P4-316: The dual lsd1/maob inhibitor ory2001 prevents the development of the memory deficit in samp8 mice through induction of neuronal plasticity and reduction of neuroinflammation. , 2015, 11, P905-P905.		9
67	Amyloid and tau pathology of familial Alzheimer's disease APP/PS1 mouse model in a senescence phenotype background (SAMP8). Age, 2015, 37, 9747.	3.0	36
68	Neuroprotective Role of Trans-Resveratrol in a Murine Model of Familial Alzheimer's Disease. Journal of Alzheimer's Disease, 2014, 42, 1209-1220.	2.6	141
69	Long-term wheel running changes on sensorimotor activity and skeletal muscle in male and female mice of accelerated senescence. Age, 2014, 36, 9697.	3.0	8