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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

304368

22
h-index

315357

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.	2.9	22
2	AAV-mediated expression of secreted and transmembrane Klotho isoforms rescues relevant aging hallmarks in senescent SAMP8 mice. <i>Aging Cell</i> , 2022, 21, e13581.	3.0	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.	2.6	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, .	1.6	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.	1.8	3
6	The Neuroprotective Effects of Spray-Dried Porcine Plasma Supplementation Involve the Microbiota-Gut-Brain Axis. <i>Nutrients</i> , 2022, 14, 2211.	1.7	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, .	2.4	13
8	Neuroprotective Effects of Resveratrol by Modifying Cholesterol Metabolism and A β Processing in SAMP8 Mice. <i>International Journal of Molecular Sciences</i> , 2022, 23, 7580.	1.8	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.	1.9	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.	2.1	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.	1.8	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.	1.8	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.	5.0	115
14	A bicyclic iminophosphonate improves cognitive decline in 5xFAD murine model of neurodegeneration. <i>FASEB Journal</i> , 2021, 35, .	0.2	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.	2.9	12
16	Disease-modifying treatment with α 2 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.	2.7	16
17	The Contribution of Epigenetic Inheritance Processes on Age-Related Cognitive Decline and Alzheimer's Disease. <i>Epigenomes</i> , 2021, 5, 15.	0.8	12
18	RNA-seq and miRNA-seq data from pharmacological inhibition of the G9a/GLP histone methyltransferase complex with UNCO642 in SAMP8 mice. <i>Data in Brief</i> , 2021, 36, 107114.	0.5	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.	1.7	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.	1.7	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.	1.0	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, .	1.2	1
24	Benzofuranyl-2-imidazoles as imidazoline I2 receptor ligands for Alzheimer's disease. <i>European Journal of Medicinal Chemistry</i> , 2021, 222, 113540.	2.6	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.	2.6	7
26	Inhibition of 11 β -HSD1 Ameliorates Cognition and Molecular Detrimental Changes after Chronic Mild Stress in SAMP8 Mice. <i>Pharmaceutics</i> , 2021, 14, 1040.	1.7	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.	1.7	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.	1.3	15
29	11 β -HSD1 Inhibition Rescues SAMP8 Cognitive Impairment Induced by Metabolic Stress. <i>Molecular Neurobiology</i> , 2020, 57, 551-565.	1.9	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.	1.8	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.	0.3	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.	1.8	21
34	Pharmacological Inhibition of Soluble Epoxide Hydrolase as a New Therapy for Alzheimer's Disease. <i>Neurotherapeutics</i> , 2020, 17, 1825-1835.	2.1	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.	2.0	11
36	Modulation of KDM1A with vafidemstat rescues memory deficit and behavioral alterations. <i>PLoS ONE</i> , 2020, 15, e0233468.	1.1	29

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37	Bicyclic β -Iminophosphonates as High Affinity Imidazoline I ₂ Receptor Ligands for Alzheimer's Disease. <i>Journal of Medicinal Chemistry</i> , 2020, 63, 3610-3633.	2.9	17
38	Chronic Mild Stress Modified Epigenetic Mechanisms Leading to Accelerated Senescence and Impaired Cognitive Performance in Mice. <i>International Journal of Molecular Sciences</i> , 2020, 21, 1154.	1.8	10
39	A Novel NMDA Receptor Antagonist Protects against Cognitive Decline Presented by Senescent Mice. <i>Pharmaceutics</i> , 2020, 12, 284.	2.0	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. <i>Molecular Neurobiology</i> , 2019, 56, 1502-1516.	1.9	104
45	(2-Imidazolin-4-yl)phosphonates: Green Chemistry and Biology Walk Together. <i>Proceedings (mdpi)</i> , 2019, 22, 97.	0.2	0
46	Maternal Resveratrol Supplementation Prevents Cognitive Decline in Senescent Mice Offspring. <i>International Journal of Molecular Sciences</i> , 2019, 20, 1134.	1.8	29
47	Behavioral and Cognitive Improvement Induced by Novel Imidazoline I ₂ Receptor Ligands in Female SAMP8 Mice. <i>Neurotherapeutics</i> , 2019, 16, 416-431.	2.1	22
48	Pharmacological inhibition of G9a/GLP restores cognition and reduces oxidative stress, neuroinflammation and β -Amyloid plaques in an early-onset Alzheimer's disease mouse model. <i>Aging</i> , 2019, 11, 11591-11608.	1.4	49
49	Peripheral Maintenance of the Axis SIRT1-SIRT3 at Youth Level May Contribute to Brain Resilience in Middle-Aged Amateur Rugby Players. <i>Frontiers in Aging Neuroscience</i> , 2019, 11, 352.	1.7	10
50	A New Family of Imidazoline I ₂ Receptor Ligands Improves Behavior and Cognition in SAMP8 Mice. <i>FASEB Journal</i> , 2019, 33, 806.19.	0.2	0
51	11 β -HSD1 Inhibition by RL-118 Promotes Autophagy and Correlates with Reduced Oxidative Stress and Inflammation, Enhancing Cognitive Performance in SAMP8 Mouse Model. <i>Molecular Neurobiology</i> , 2018, 55, 8904-8915.	1.9	25
52	Impairment of Novel Object Recognition Memory and Brain Insulin Signaling in Fructose- but Not Glucose-Drinking Female Rats. <i>Molecular Neurobiology</i> , 2018, 55, 6984-6999.	1.9	37
53	Resveratrol modulates response against acute inflammatory stimuli in aged mouse brain. <i>Experimental Gerontology</i> , 2018, 102, 3-11.	1.2	23
54	Temporal Integrative Analysis of mRNA and microRNAs Expression Profiles and Epigenetic Alterations in Female SAMP8, a Model of Age-Related Cognitive Decline. <i>Frontiers in Genetics</i> , 2018, 9, 596.	1.1	18

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55	Understanding Epigenetics in the Neurodegeneration of Alzheimer's Disease: SAMP8 Mouse Model. <i>Journal of Alzheimer's Disease</i> , 2018, 62, 943-963.	1.2	67
56	Environmental Enrichment Improves Cognitive Deficits, AD Hallmarks and Epigenetic Alterations Presented in 5xFAD Mouse Model. <i>Frontiers in Cellular Neuroscience</i> , 2018, 12, 224.	1.8	70
57	Melatonin induces mechanisms of brain resilience against neurodegeneration. <i>Journal of Pineal Research</i> , 2018, 65, e12515.	3.4	59
58	Novel Imidazoline I ₂ Receptor Ligands for Alzheimer's Disease. <i>FASEB Journal</i> , 2018, 32, 552.1.	0.2	0
59	Resveratrol Protects SAMP8 Brain Under Metabolic Stress: Focus on Mitochondrial Function and Wnt Pathway. <i>Molecular Neurobiology</i> , 2017, 54, 1661-1676.	1.9	55
60	Metabolic Stress Induces Cognitive Disturbances and Inflammation in Aged Mice: Protective Role of Resveratrol. <i>Rejuvenation Research</i> , 2017, 20, 202-217.	0.9	44
61	Design, synthesis and in vivo study of novel pyrrolidine-based 11 β -HSD1 inhibitors for age-related cognitive dysfunction. <i>European Journal of Medicinal Chemistry</i> , 2017, 139, 412-428.	2.6	12
62	Environmental Enrichment Modified Epigenetic Mechanisms in SAMP8 Mouse Hippocampus by Reducing Oxidative Stress and Inflammation and Achieving Neuroprotection. <i>Frontiers in Aging Neuroscience</i> , 2016, 8, 241.	1.7	68
63	Behaviour and cognitive changes correlated with hippocampal neuroinflammation and neuronal markers in female SAMP8, a model of accelerated senescence. <i>Experimental Gerontology</i> , 2016, 80, 57-69.	1.2	57
64	Environmental Enrichment Improves Behavior, Cognition, and Brain Functional Markers in Young Senescence-Accelerated Prone Mice (SAMP8). <i>Molecular Neurobiology</i> , 2016, 53, 2435-2450.	1.9	63
65	Epigenetic mechanisms underlying cognitive impairment and Alzheimer disease hallmarks in 5XFAD mice. <i>Aging</i> , 2016, 8, 664-684.	1.4	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). <i>Age</i> , 2015, 37, 9747.	3.0	36
68	Neuroprotective Role of Trans-Resveratrol in a Murine Model of Familial Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2014, 42, 1209-1220.	1.2	141
69	Long-term wheel running changes on sensorimotor activity and skeletal muscle in male and female mice of accelerated senescence. <i>Age</i> , 2014, 36, 9697.	3.0	8