

# Christian Griñán Ferrá©

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4993015/publications.pdf>

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	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.	2.6	141
2	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
3	Resveratrol Induces Brain Resilience Against Alzheimer Neurodegeneration Through Proteostasis Enhancement. <i>Molecular Neurobiology</i> , 2019, 56, 1502-1516.	4.0	104
4	Epigenetic mechanisms underlying cognitive impairment and Alzheimer disease hallmarks in 5XFAD mice. <i>Aging</i> , 2016, 8, 664-684.	3.1	94
5	Environmental Enrichment Improves Cognitive Deficits, AD Hallmarks and Epigenetic Alterations Presented in 5xFAD Mouse Model. <i>Frontiers in Cellular Neuroscience</i> , 2018, 12, 224.	3.7	70
6	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.	3.4	68
7	Understanding Epigenetics in the Neurodegeneration of Alzheimer's Disease: SAMP8 Mouse Model. <i>Journal of Alzheimer's Disease</i> , 2018, 62, 943-963.	2.6	67
8	Environmental Enrichment Improves Behavior, Cognition, and Brain Functional Markers in Young Senescence-Accelerated Prone Mice (SAMP8). <i>Molecular Neurobiology</i> , 2016, 53, 2435-2450.	4.0	63
9	Melatonin induces mechanisms of brain resilience against neurodegeneration. <i>Journal of Pineal Research</i> , 2018, 65, e12515.	7.4	59
10	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.	2.8	57
11	Resveratrol Protects SAMP8 Brain Under Metabolic Stress: Focus on Mitochondrial Function and Wnt Pathway. <i>Molecular Neurobiology</i> , 2017, 54, 1661-1676.	4.0	55
12	Pharmacological inhibition of G9a/GLP restores cognition and reduces oxidative stress, neuroinflammation and $\beta$ -Amyloid plaques in an early-onset Alzheimer's disease mouse model. <i>Aging</i> , 2019, 11, 11591-11608.	3.1	49
13	Pharmacological Inhibition of Soluble Epoxide Hydrolase as a New Therapy for Alzheimer's Disease. <i>Neurotherapeutics</i> , 2020, 17, 1825-1835.	4.4	45
14	Metabolic Stress Induces Cognitive Disturbances and Inflammation in Aged Mice: Protective Role of Resveratrol. <i>Rejuvenation Research</i> , 2017, 20, 202-217.	1.8	44
15	A Novel NMDA Receptor Antagonist Protects against Cognitive Decline Presented by Senescent Mice. <i>Pharmaceutics</i> , 2020, 12, 284.	4.5	41
16	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.	4.0	37
17	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
18	Maternal Resveratrol Supplementation Prevents Cognitive Decline in Senescent Mice Offspring. <i>International Journal of Molecular Sciences</i> , 2019, 20, 1134.	4.1	29

#	ARTICLE	IF	CITATIONS
19	Modulation of KDM1A with vafidemstat rescues memory deficit and behavioral alterations. PLoS ONE, 2020, 15, e0233468.	2.5	29
20	Resveratrol confers neuroprotection against high-fat diet in a mouse model of Alzheimer's disease via modulation of proteolytic mechanisms. Journal of Nutritional Biochemistry, 2021, 89, 108569.	4.2	28
21	11 $\beta$ -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
22	Resveratrol modulates response against acute inflammatory stimuli in aged mouse brain. Experimental Gerontology, 2018, 102, 3-11.	2.8	23
23	Resveratrol Supplementation Attenuates Cognitive and Molecular Alterations under Maternal High-Fat Diet Intake: Epigenetic Inheritance over Generations. International Journal of Molecular Sciences, 2021, 22, 1453.	4.1	23
24	Behavioral and Cognitive Improvement Induced by Novel Imidazoline I2 Receptor Ligands in Female SAMP8 Mice. Neurotherapeutics, 2019, 16, 416-431.	4.4	22
25	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. Journal of Medicinal Chemistry, 2022, 65, 4909-4925.	6.4	22
26	Soluble Epoxide Hydrolase Inhibition to Face Neuroinflammation in Parkinson's Disease: A New Therapeutic Strategy. Biomolecules, 2020, 10, 703.	4.0	21
27	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
28	Bicyclic $\alpha$ -Iminophosphonates as High Affinity Imidazoline I <sub>2</sub> Receptor Ligands for Alzheimer's Disease. Journal of Medicinal Chemistry, 2020, 63, 3610-3633.	6.4	17
29	Disease-modifying treatment with I <sub>2</sub> imidazoline receptor ligand LSL60101 in an Alzheimer's disease mouse model: a comparative study with donepezil. British Journal of Pharmacology, 2021, 178, 3017-3033.	5.4	16
30	Dietary Spray-Dried Porcine Plasma Prevents Cognitive Decline in Senescent Mice and Reduces Neuroinflammation and Oxidative Stress. Journal of Nutrition, 2020, 150, 303-311.	2.9	15
31	Benzofuranyl-2-imidazoles as imidazoline I2 receptor ligands for Alzheimer's disease. European Journal of Medicinal Chemistry, 2021, 222, 113540.	5.5	15
32	NMDA receptor antagonists reduce amyloid- $\beta$ deposition by modulating calpain-1 signaling and autophagy, rescuing cognitive impairment in 5XFAD mice. Cellular and Molecular Life Sciences, 2022, 79, .	5.4	13
33	Design, synthesis and in vivo study of novel pyrrolidine-based 11 $\beta$ -HSD1 inhibitors for age-related cognitive dysfunction. European Journal of Medicinal Chemistry, 2017, 139, 412-428.	5.5	12
34	11 $\beta$ -HSD1 Inhibition Rescues SAMP8 Cognitive Impairment Induced by Metabolic Stress. Molecular Neurobiology, 2020, 57, 551-565.	4.0	12
35	From the Design to the <i>In Vivo</i> Evaluation of Benzohomoadamantane-Derived Soluble Epoxide Hydrolase Inhibitors for the Treatment of Acute Pancreatitis. Journal of Medicinal Chemistry, 2021, 64, 5429-5446.	6.4	12
36	The Contribution of Epigenetic Inheritance Processes on Age-Related Cognitive Decline and Alzheimer's Disease. Epigenomes, 2021, 5, 15.	1.8	12

#	ARTICLE	IF	CITATIONS
37	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
38	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
39	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.	4.1	10
40	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.	3.4	10
41	AAV-mediated expression of secreted and transmembrane Klotho isoforms rescues relevant aging hallmarks in senescent SAMP8 mice. <i>Aging Cell</i> , 2022, 21, e13581.	6.7	10
42	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
43	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
44	Dietary Spray-Dried Porcine Plasma Reduces Neuropathological Alzheimer's Disease Hallmarks in SAMP8 Mice. <i>Nutrients</i> , 2021, 13, 2369.	4.1	9
45	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
46	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
47	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
48	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
49	The Neuroprotective Effects of Spray-Dried Porcine Plasma Supplementation Involve the Microbiota-Gut-Brain Axis. <i>Nutrients</i> , 2022, 14, 2211.	4.1	7
50	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
51	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
52	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
53	Dietary antioxidants, epigenetics, and brain aging: A focus on resveratrol. , 2020, , 343-357.		2
54	Inhibition of 11 $\beta$ -HSD1 Ameliorates Cognition and Molecular Detrimental Changes after Chronic Mild Stress in SAMP8 Mice. <i>Pharmaceutics</i> , 2021, 14, 1040.	3.8	2

#	ARTICLE	IF	CITATIONS
55	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
56	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
57	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
58	Microarray Analysis Revealed Inflammatory Transcriptomic Changes after LSL60101 Treatment in 5XFAD Mice Model. <i>Genes</i> , 2021, 12, 1315.	2.4	1
59	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
60	(2-Imidazolin-4-yl)phosphonates: Green Chemistry and Biology Walk Together. <i>Proceedings (mdpi)</i> , 2019, 22, 97.	0.2	0
61	P.820 Pharmacological 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
62	A bicyclic iminophosphonate improves cognitive decline in 5xFAD murine model of neurodegeneration. <i>FASEB Journal</i> , 2021, 35, .	0.5	0
63	INCREASING STUDENTS' ENGAGEMENT IN THE DEVELOPMENT AND RESOLUTION OF CLINICAL CASE REPORTS IN A PHARMACOLOGY SUBJECT. , 2021, , .		0
64	Novel Imidazoline I <sub>2</sub> Receptor Ligands for Alzheimer's Disease. <i>FASEB Journal</i> , 2018, 32, 552.1.	0.5	0
65	A New Family of Imidazoline I <sub>2</sub> Receptor Ligands Improves Behavior and Cognition in SAMP8 Mice. <i>FASEB Journal</i> , 2019, 33, 806.19.	0.5	0
66	Modulation of KDM1A with vafidemstat rescues memory deficit and behavioral alterations. , 2020, 15, e0233468.		0
67	Modulation of KDM1A with vafidemstat rescues memory deficit and behavioral alterations. , 2020, 15, e0233468.		0
68	Modulation of KDM1A with vafidemstat rescues memory deficit and behavioral alterations. , 2020, 15, e0233468.		0
69	Modulation of KDM1A with vafidemstat rescues memory deficit and behavioral alterations. , 2020, 15, e0233468.		0