

Albert Giralt

List of Publications by Citations

Source: <https://exaly.com/author-pdf/159780/albert-giralt-publications-by-citations.pdf>

Version: 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

72
papers

3,305
citations

31
h-index

57
g-index

83
ext. papers

3,963
ext. citations

7.8
avg. IF

4.99
L-index

#	Paper	IF	Citations
72	Disease-specific phenotypes in dopamine neurons from human iPS-based models of genetic and sporadic Parkinson's disease. <i>EMBO Molecular Medicine</i> , 2012 , 4, 380-95	12	431
71	Thermogenic activation induces FGF21 expression and release in brown adipose tissue. <i>Journal of Biological Chemistry</i> , 2011 , 286, 12983-90	5.4	418
70	SIRT3, a pivotal actor in mitochondrial functions: metabolism, cell death and aging. <i>Biochemical Journal</i> , 2012 , 444, 1-10	3.8	178
69	Peroxisome proliferator-activated receptor-gamma coactivator-1alpha controls transcription of the Sirt3 gene, an essential component of the thermogenic brown adipocyte phenotype. <i>Journal of Biological Chemistry</i> , 2011 , 286, 16958-66	5.4	145
68	Caveolin-1 deficiency causes cholesterol-dependent mitochondrial dysfunction and apoptotic susceptibility. <i>Current Biology</i> , 2011 , 21, 681-6	6.3	143
67	Long-term memory deficits in Huntington's disease are associated with reduced CBP histone acetylase activity. <i>Human Molecular Genetics</i> , 2012 , 21, 1203-16	5.6	109
66	Brain-derived neurotrophic factor modulates the severity of cognitive alterations induced by mutant huntingtin: involvement of phospholipaseCgamma activity and glutamate receptor expression. <i>Neuroscience</i> , 2009 , 158, 1234-50	3.9	91
65	Increased PKA signaling disrupts recognition memory and spatial memory: role in Huntington's disease. <i>Human Molecular Genetics</i> , 2011 , 20, 4232-47	5.6	86
64	Fingolimod (FTY720) enhances hippocampal synaptic plasticity and memory in Huntington's disease by preventing p75NTR up-regulation and astrocyte-mediated inflammation. <i>Human Molecular Genetics</i> , 2015 , 24, 4958-70	5.6	83
63	Cytotoxic effect of neuromyelitis optica antibody (NMO-IgG) to astrocytes: an in vitro study. <i>Journal of Neuroimmunology</i> , 2009 , 215, 31-5	3.5	81
62	Suppressing aberrant GluN3A expression rescues synaptic and behavioral impairments in Huntington's disease models. <i>Nature Medicine</i> , 2013 , 19, 1030-8	50.5	79
61	BDNF regulation under GFAP promoter provides engineered astrocytes as a new approach for long-term protection in Huntington's disease. <i>Gene Therapy</i> , 2010 , 17, 1294-308	4	79
60	Conditional BDNF release under pathological conditions improves Huntington's disease pathology by delaying neuronal dysfunction. <i>Molecular Neurodegeneration</i> , 2011 , 6, 71	19	74
59	Neurotrophin receptor p75(NTR) mediates Huntington's disease-associated synaptic and memory dysfunction. <i>Journal of Clinical Investigation</i> , 2014 , 124, 4411-28	15.9	71
58	E2F1, a Novel Regulator of Metabolism. <i>Frontiers in Endocrinology</i> , 2017 , 8, 311	5.7	70
57	Conditional BDNF Delivery from Astrocytes Rescues Memory Deficits, Spine Density, and Synaptic Properties in the 5xFAD Mouse Model of Alzheimer Disease. <i>Journal of Neuroscience</i> , 2019 , 39, 2441-2458	6.6	64
56	E2F1 mediates sustained lipogenesis and contributes to hepatic steatosis. <i>Journal of Clinical Investigation</i> , 2016 , 126, 137-50	15.9	63

55	Imbalance of p75(NTR)/TrkB protein expression in Huntington's disease: implication for neuroprotective therapies. <i>Cell Death and Disease</i> , 2013 , 4, e595	9.8	63
54	PDE10 inhibition increases GluA1 and CREB phosphorylation and improves spatial and recognition memories in a Huntington's disease mouse model. <i>Hippocampus</i> , 2013 , 23, 684-95	3.5	56
53	Striatal-enriched protein tyrosine phosphatase expression and activity in Huntington's disease: a STEP in the resistance to excitotoxicity. <i>Journal of Neuroscience</i> , 2011 , 31, 8150-62	6.6	55
52	Pyk2 modulates hippocampal excitatory synapses and contributes to cognitive deficits in a Huntington's disease mouse model. <i>Nature Communications</i> , 2017 , 8, 15592	17.4	48
51	Regulation of hippocampal cGMP levels as a candidate to treat cognitive deficits in Huntington's disease. <i>PLoS ONE</i> , 2013 , 8, e73664	3.7	47
50	CDK4 is an essential insulin effector in adipocytes. <i>Journal of Clinical Investigation</i> , 2016 , 126, 335-48	15.9	47
49	Cognitive Dysfunction in Huntington's Disease: Humans, Mouse Models and Molecular Mechanisms. <i>Journal of Huntingtons Disease</i> , 2012 , 1, 155-73	1.9	45
48	Targeting CAG repeat RNAs reduces Huntington's disease phenotype independently of huntingtin levels. <i>Journal of Clinical Investigation</i> , 2016 , 126, 4319-4330	15.9	43
47	PH domain leucine-rich repeat protein phosphatase 1 contributes to maintain the activation of the PI3K/Akt pro-survival pathway in Huntington's disease striatum. <i>Cell Death and Differentiation</i> , 2010 , 17, 324-35	12.7	42
46	Dissociation between CA3-CA1 synaptic plasticity and associative learning in TgNTRK3 transgenic mice. <i>Journal of Neuroscience</i> , 2007 , 27, 2253-60	6.6	42
45	CDK4 Phosphorylates AMPK α to Inhibit Its Activity and Repress Fatty Acid Oxidation. <i>Molecular Cell</i> , 2017 , 68, 336-349.e6	17.6	38
44	Disruption of striatal glutamatergic transmission induced by mutant huntingtin involves remodeling of both postsynaptic density and NMDA receptor signaling. <i>Neurobiology of Disease</i> , 2008 , 29, 409-21	7.5	34
43	Reduced calcineurin protein levels and activity in exon-1 mouse models of Huntington's disease: role in excitotoxicity. <i>Neurobiology of Disease</i> , 2009 , 36, 461-9	7.5	32
42	7,8-dihydroxyflavone ameliorates cognitive and motor deficits in a Huntington's disease mouse model through specific activation of the PLC β pathway. <i>Human Molecular Genetics</i> , 2017 , 26, 3144-3160	5.6	31
41	DARPP-32 interaction with adducin may mediate rapid environmental effects on striatal neurons. <i>Nature Communications</i> , 2015 , 6, 10099	17.4	27
40	E2F1 inhibits circulating cholesterol clearance by regulating Pcsk9 expression in the liver. <i>JCI Insight</i> , 2017 , 2,	9.9	27
39	A role for Kalirin-7 in corticostriatal synaptic dysfunction in Huntington's disease. <i>Human Molecular Genetics</i> , 2015 , 24, 7265-85	5.6	26
38	Activation of Elk-1 participates as a neuroprotective compensatory mechanism in models of Huntington's disease. <i>Journal of Neurochemistry</i> , 2012 , 121, 639-48	6	24

37	PTK2B/Pyk2 overexpression improves a mouse model of Alzheimer's disease. <i>Experimental Neurology</i> , 2018 , 307, 62-73	5.7	23
36	Prostaglandin E2 EP1 receptor antagonist improves motor deficits and rescues memory decline in R6/1 mouse model of Huntington's disease. <i>Molecular Neurobiology</i> , 2014 , 49, 784-95	6.2	22
35	Age-dependent decline of motor neocortex but not hippocampal performance in heterozygous BDNF mice correlates with a decrease of cortical PSD-95 but an increase of hippocampal TrkB levels. <i>Experimental Neurology</i> , 2012 , 237, 335-45	5.7	21
34	CDK4 Regulates Lysosomal Function and mTORC1 Activation to Promote Cancer Cell Survival. <i>Cancer Research</i> , 2019 , 79, 5245-5259	10.1	19
33	Prostaglandin E2 EP2 activation reduces memory decline in R6/1 mouse model of Huntington's disease by the induction of BDNF-dependent synaptic plasticity. <i>Neurobiology of Disease</i> , 2016 , 95, 22-34	7.5	18
32	Age-dependent maintenance of motor control and corticostriatal innervation by death receptor 3. <i>Journal of Neuroscience</i> , 2010 , 30, 3782-92	6.6	18
31	PKR knockout in the 5xFAD model of Alzheimer's disease reveals beneficial effects on spatial memory and brain lesions. <i>Aging Cell</i> , 2019 , 18, e12887	9.9	17
30	The AMPA receptor positive allosteric modulator S 47445 rescues in vivo CA3-CA1 long-term potentiation and structural synaptic changes in old mice. <i>Neuropharmacology</i> , 2017 , 123, 395-409	5.5	15
29	Pyk2 is essential for astrocytes mobility following brain lesion. <i>Glia</i> , 2016 , 64, 620-34	9	15
28	E2F1 promotes hepatic gluconeogenesis and contributes to hyperglycemia during diabetes. <i>Molecular Metabolism</i> , 2018 , 11, 104-112	8.8	13
27	Astrocytic BDNF and TrkB regulate severity and neuronal activity in mouse models of temporal lobe epilepsy. <i>Cell Death and Disease</i> , 2020 , 11, 411	9.8	12
26	Early Downregulation of p75 by Genetic and Pharmacological Approaches Delays the Onset of Motor Deficits and Striatal Dysfunction in Huntington's Disease Mice. <i>Molecular Neurobiology</i> , 2019 , 56, 935-953	6.2	12
25	Helios expression coordinates the development of a subset of striatopallidal medium spiny neurons. <i>Development (Cambridge)</i> , 2017 , 144, 1566-1577	6.6	11
24	Differential neuroprotective effects of 5'-deoxy-5'-methylthioadenosine. <i>PLoS ONE</i> , 2014 , 9, e90671	3.7	11
23	Early L-dopa, but not pramipexole, restores basal ganglia activity in partially 6-OHDA-lesioned rats. <i>Neurobiology of Disease</i> , 2014 , 64, 36-47	7.5	10
22	Comparison of the basic morphology and function of 3D lung epithelial cultures derived from several donors. <i>Current Research in Toxicology</i> , 2020 , 1, 56-69	2.7	10
21	Meridianins and Lignarenone B as Potential GSK3 β Inhibitors and Inducers of Structural Neuronal Plasticity. <i>Biomolecules</i> , 2020 , 10,	5.9	9
20	Pyk2 in the amygdala modulates chronic stress sequelae via PSD-95-related micro-structural changes. <i>Translational Psychiatry</i> , 2019 , 9, 3	8.6	8

19	Cyclin-Dependent Kinase 5 Dysfunction Contributes to Depressive-like Behaviors in Huntington's Disease by Altering the DARPP-32 Phosphorylation Status in the Nucleus Accumbens. <i>Biological Psychiatry</i> , 2019 , 86, 196-207	7.9	8
18	Age-related changes in STriatal-Enriched protein tyrosine Phosphatase levels: Regulation by BDNF. <i>Molecular and Cellular Neurosciences</i> , 2018 , 86, 41-49	4.8	8
17	RTP801/REDD1 contributes to neuroinflammation severity and memory impairments in Alzheimer's disease. <i>Cell Death and Disease</i> , 2021 , 12, 616	9.8	6
16	Longitudinal evaluation of a novel BChE PET tracer as an early biomarker in the brain of a mouse model for Alzheimer disease. <i>Theranostics</i> , 2021 , 11, 6542-6559	12.1	4
15	The non-receptor tyrosine kinase Pyk2 modulates acute locomotor effects of cocaine in D1 receptor-expressing neurons of the nucleus accumbens. <i>Scientific Reports</i> , 2020 , 10, 6619	4.9	3
14	Acute drug-induced spine changes in the nucleus accumbens are dependent on Eadducin. <i>Neuropharmacology</i> , 2016 , 110, 333-342	5.5	3
13	Comparison of the biological impact of aerosol of e-vapor device with MESH□ technology and cigarette smoke on human bronchial and alveolar cultures. <i>Toxicology Letters</i> , 2021 , 337, 98-110	4.4	3
12	Loss of striatal 90-kDa ribosomal S6 kinase (Rsk) is a key factor for motor, synaptic and transcription dysfunction in Huntington's disease. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2016 , 1862, 1255-66	6.9	2
11	Neurobehavioral characterization of Endonuclease G knockout mice reveals a new putative molecular player in the regulation of anxiety. <i>Experimental Neurology</i> , 2013 , 247, 122-9	5.7	2
10	Lack of Helios During Neural Development Induces Adult Schizophrenia-Like Behaviors Associated With Aberrant Levels of the TRIF-Recruiter Protein WDFY1. <i>Frontiers in Cellular Neuroscience</i> , 2020 , 14, 93	6.1	1
9	Cryostat Slice Irregularities May Introduce Bias in Tissue Thickness Estimation: Relevance for Cell Counting Methods. <i>Microscopy and Microanalysis</i> , 2015 , 21, 893-901	0.5	1
8	Translational profiling of mouse dopaminergic neurons reveals a role of PGE2 in dorsal striatum		1
7	Helios modulates the maturation of a CA1 neuronal subpopulation required for spatial memory formation. <i>Experimental Neurology</i> , 2020 , 323, 113095	5.7	1
6	Meridianins Rescue Cognitive Deficits, Spine Density and Neuroinflammation in the 5xFAD Model of Alzheimer's Disease.. <i>Frontiers in Pharmacology</i> , 2022 , 13, 791666	5.6	1
5	The Non-receptor Tyrosine Kinase Pyk2 in Brain Function and Neurological and Psychiatric Diseases. <i>Frontiers in Synaptic Neuroscience</i> , 2021 , 13, 749001	3.5	0
4	[P4036]: THE NOVEL AMPA RECEPTOR POSITIVE ALLOSTERIC MODULATOR S 47445 RESCUES IN VIVO CA3-CA1 LONG-TERM POTENTIATION AND STRUCTURAL SYNAPTIC CHANGES IN MIDDLE-AGED MICE 2017 , 13, P1270-P1270		
3	B22 Normalisation Of Aberrant P75NTR Levels Prevents Hippocampal Synaptic And Cognitive Deficits And Ameliorates Cortico-striatal Dysfunction In Huntington Disease. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2014 , 85, A16-A17	5.5	
2	M15 Fingolimod (FTY720) Enhances Hippocampal Synaptic Plasticity and Memory in Huntington's Disease by Preventing P75NTR/TRKB Imbalance. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2014 , 85, A99-A99	5.5	

1

P1-092: NEUROPROTECTIVE EFFECTS OF PKR KNOCKOUT IN 5XFAD ALZHEIMER MICE AND NEURON-MICROGLIA CO-CULTURES **2018**, 14, P306-P306