

Daniela Marazziti

List of Publications by Year in descending order

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Version: 2024-02-01

39
papers

5,202
citations

331538

21
h-index

302012

39
g-index

40
all docs

40
docs citations

40
times ranked

12411
citing authors

#	ARTICLE	IF	CITATIONS
1	Guidelines for the use and interpretation of assays for monitoring autophagy. <i>Autophagy</i> , 2012, 8, 445-544.	4.3	3,122
2	DNA methylation of embryogenic carrot cell cultures and its variations as caused by mutation, differentiation, hormones and hypomethylating drugs. <i>Theoretical and Applied Genetics</i> , 1989, 77, 325-331.	1.8	305
3	Reliability, robustness, and reproducibility in mouse behavioral phenotyping: a cross-laboratory study. <i>Physiological Genomics</i> , 2008, 34, 243-255.	1.0	229
4	Disease model discovery from 3,328 gene knockouts by The International Mouse Phenotyping Consortium. <i>Nature Genetics</i> , 2017, 49, 1231-1238.	9.4	216
5	EMPreSS: standardized phenotype screens for functional annotation of the mouse genome. <i>Nature Genetics</i> , 2005, 37, 1155-1155.	9.4	146
6	Analysis of mammalian gene function through broad-based phenotypic screens across a consortium of mouse clinics. <i>Nature Genetics</i> , 2015, 47, 969-978.	9.4	137
7	A large scale hearing loss screen reveals an extensive unexplored genetic landscape for auditory dysfunction. <i>Nature Communications</i> , 2017, 8, 886.	5.8	116
8	GPR37 associates with the dopamine transporter to modulate dopamine uptake and behavioral responses to dopaminergic drugs. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 9846-9851.	3.3	99
9	Altered dopamine signaling and MPTP resistance in mice lacking the Parkinson's disease-associated GPR37/parkin-associated endothelin-like receptor. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004, 101, 10189-10194.	3.3	86
10	EuroPhenome: a repository for high-throughput mouse phenotyping data. <i>Nucleic Acids Research</i> , 2010, 38, D577-D585.	6.5	75
11	Cloning of GPR37, a Gene Located on Chromosome 7 Encoding a Putative G-Protein-Coupled Peptide Receptor, from a Human Frontal Brain EST Library. <i>Genomics</i> , 1997, 45, 68-77.	1.3	62
12	Precocious cerebellum development and improved motor functions in mice lacking the astrocyte cilium-, patched 1-associated Gpr37l1 receptor. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 16486-16491.	3.3	59
13	Identification of genetic elements in metabolism by high-throughput mouse phenotyping. <i>Nature Communications</i> , 2018, 9, 288.	5.8	59
14	Molecular Cloning and Chromosomal Localization of the Mouse Gpr37 Gene Encoding an Orphan G-Protein-Coupled Peptide Receptor Expressed in Brain and Testis. <i>Genomics</i> , 1998, 53, 315-324.	1.3	52
15	Induction of macroautophagy by overexpression of the Parkinson's disease-associated GPR37 receptor. <i>FASEB Journal</i> , 2009, 23, 1978-1987.	0.2	49
16	Relationships between the gene and protein structure in human complement component C9. <i>Biochemistry</i> , 1988, 27, 6529-6534.	1.2	42
17	Absence of the GPR37/PAEL receptor impairs striatal Akt and ERK2 phosphorylation, \hat{I} FosB expression, and conditioned place preference to amphetamine and cocaine. <i>FASEB Journal</i> , 2011, 25, 2071-2081.	0.2	40
18	Identification of genes required for eye development by high-throughput screening of mouse knockouts. <i>Communications Biology</i> , 2018, 1, 236.	2.0	37

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19	Mice lacking the Parkinson's related <sc>GPR37</sc>/<sc>PAEL</sc> receptor show nonâ€motor behavioral phenotypes: age and gender effect. <i>Genes, Brain and Behavior</i> , 2013, 12, 465-477.	1.1	34
20	High-throughput mouse phenotyping. <i>Methods</i> , 2011, 53, 394-404.	1.9	31
21	A Dynamic Splicing Program Ensures Proper Synaptic Connections in the Developing Cerebellum. <i>Cell Reports</i> , 2020, 31, 107703.	2.9	25
22	Modulation of Dhh signaling and altered Sertoli cell function in mice lacking the GPR37â€prosaposin receptor. <i>FASEB Journal</i> , 2015, 29, 2059-2069.	0.2	24
23	Primary Cilia in the Murine Cerebellum and in Mutant Models of Medulloblastoma. <i>Cellular and Molecular Neurobiology</i> , 2017, 37, 145-154.	1.7	22
24	Genetic ablation of Gpr37l1 delays tumor occurrence in Ptch1 mouse models of medulloblastoma. <i>Experimental Neurology</i> , 2019, 312, 33-42.	2.0	17
25	Macroautophagy of the GPR37 orphan receptor and Parkinson disease-associated neurodegeneration. <i>Autophagy</i> , 2009, 5, 741-742.	4.3	13
26	Methods for Visualization of Neuronal Cilia. <i>Methods in Molecular Biology</i> , 2016, 1454, 203-214.	0.4	13
27	GPR37 Signaling Modulates Migration of Olfactory Ensheathing Cells and Gonadotropin Releasing Hormone Cells in Mice. <i>Frontiers in Cellular Neuroscience</i> , 2019, 13, 200.	1.8	12
28	Identification of the GlialCAM interactome: the G protein-coupled receptors GPRC5B and GPR37L1 modulate megalencephalic leukoencephalopathy proteins. <i>Human Molecular Genetics</i> , 2021, 30, 1649-1665.	1.4	12
29	Gpr37l1/prosaposin receptor regulates Ptch1 trafficking, Shh production, and cell proliferation in cerebellar primary astrocytes. <i>Journal of Neuroscience Research</i> , 2021, 99, 1064-1083.	1.3	10
30	Atm reactivation reverses ataxia telangiectasia phenotypes in vivo. <i>Cell Death and Disease</i> , 2018, 9, 314.	2.7	9
31	Atrophy, oxidative switching and ultrastructural defects in skeletal muscle of Ataxia Telangiectasia mouse model. <i>Journal of Cell Science</i> , 2019, 132, .	1.2	9
32	Transcriptome programs involved in the development and structure of the cerebellum. <i>Cellular and Molecular Life Sciences</i> , 2021, 78, 6431-6451.	2.4	9
33	Anomalies in Dopamine Transporter Expression and Primary Cilium Distribution in the Dorsal Striatum of a Mouse Model of Niemann-Pick C1 Disease. <i>Frontiers in Cellular Neuroscience</i> , 2019, 13, 226.	1.8	8
34	Complement C9 is inserted into membranes in a globular conformation. <i>FEBS Letters</i> , 1989, 243, 347-350.	1.3	5
35	Replica filter assay of human $\hat{2}$ -adrenergic receptors expressed in E. coli. <i>Biochemical and Biophysical Research Communications</i> , 1990, 173, 680-688.	1.0	5
36	Genomic Analysis of GPR37 and Related Orphan G-Protein Coupled Receptor Genes Highly Expressed in the Mammalian Brain. <i>Current Genomics</i> , 2001, 2, 253-260.	0.7	5

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37	GPR37 Receptors and Megalencephalic Leukoencephalopathy with Subcortical Cysts. International Journal of Molecular Sciences, 2022, 23, 5528.	1.8	3
38	A Quantitative Assay for Ca ²⁺ Uptake through Normal and Pathological Hemichannels. International Journal of Molecular Sciences, 2022, 23, 7337.	1.8	3
39	Transmembrane Protein TMEM230, a Target of Glioblastoma Therapy. Frontiers in Cellular Neuroscience, 2021, 15, 703431.	1.8	1