Daniela Marazziti

List of Publications by Year
in descending order

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	GPR37 Receptors and Megalencephalic Leukoencephalopathy with Subcortical Cysts. International Journal of Molecular Sciences, 2022, 23, 5528.	1.8	3
2	A Quantitative Assay for Ca2+ Uptake through Normal and Pathological Hemichannels. International Journal of Molecular Sciences, 2022, 23, 7337.	1.8	3
3	Identification of the GlialCAM interactome: the G protein-coupled receptors GPRC5B and GPR37L1 modulate megalencephalic leukoencephalopathy proteins. Human Molecular Genetics, 2021, 30, 1649-1665.	1.4	12
4	Transcriptome programs involved in the development and structure of the cerebellum. Cellular and Molecular Life Sciences, 2021, 78, 6431-6451.	2.4	9
5	Gpr37l1/prosaposin receptor regulates Ptch1 trafficking, Shh production, and cell proliferation in cerebellar primary astrocytes. Journal of Neuroscience Research, 2021, 99, 1064-1083.	1.3	10
6	Transmembrane Protein TMEM230, a Target of Glioblastoma Therapy. Frontiers in Cellular Neuroscience, 2021, 15, 703431.	1.8	1
7	A Dynamic Splicing Program Ensures Proper Synaptic Connections in the Developing Cerebellum. Cell Reports, 2020, 31, 107703.	2.9	25
8	GPR37 Signaling Modulates Migration of Olfactory Ensheathing Cells and Gonadotropin Releasing Hormone Cells in Mice. Frontiers in Cellular Neuroscience, 2019, 13, 200.	1.8	12
9	Anomalies in Dopamine Transporter Expression and Primary Cilium Distribution in the Dorsal Striatum of a Mouse Model of Niemann-Pick C1 Disease. Frontiers in Cellular Neuroscience, 2019, 13, 226.	1.8	8
10	Atrophy, oxidative switching and ultrastructural defects in skeletal muscle of Ataxia Telangiectasia mouse model. Journal of Cell Science, 2019, 132, .	1.2	9
11	Genetic ablation of Gpr37l1 delays tumor occurrence in Ptch1 mouse models of medulloblastoma. Experimental Neurology, 2019, 312, 33-42.	2.0	17
12	Atm reactivation reverses ataxia telangiectasia phenotypes in vivo. Cell Death and Disease, 2018, 9, 314.	2.7	9
13	Identification of genetic elements in metabolism by high-throughput mouse phenotyping. Nature Communications, 2018, 9, 288.	5.8	59
14	Identification of genes required for eye development by high-throughput screening of mouse knockouts. Communications Biology, 2018, 1, 236.	2.0	37
15	Primary Cilia in the Murine Cerebellum and in Mutant Models of Medulloblastoma. Cellular and Molecular Neurobiology, 2017, 37, 145-154.	1.7	22
16	A large scale hearing loss screen reveals an extensive unexplored genetic landscape for auditory dysfunction. Nature Communications, 2017, 8, 886.	5.8	116
17	Disease model discovery from 3,328 gene knockouts by The International Mouse Phenotyping Consortium. Nature Genetics, 2017, 49, 1231-1238.	9.4	216
18	Methods for Visualization of Neuronal Cilia. Methods in Molecular Biology, 2016, 1454, 203-214.	0.4	13

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19	Modulation of Dhh signaling and altered Sertoli cell function in mice lacking the GPR37â€prosaposin receptor. FASEB Journal, 2015, 29, 2059-2069.	0.2	24
20	Analysis of mammalian gene function through broad-based phenotypic screens across a consortium of mouse clinics. Nature Genetics, 2015, 47, 969-978.	9.4	137
21	Precocious cerebellum development and improved motor functions in mice lacking the astrocyte cilium-, patched 1-associated Gpr37l1 receptor. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 16486-16491.	3.3	59
22	Mice lacking the Parkinson's related <scp>GPR37</scp>/<scp>PAEL</scp> receptor show nonâ€motor behavioral phenotypes: age and gender effect. Genes, Brain and Behavior, 2013, 12, 465-477.	1.1	34
23	Guidelines for the use and interpretation of assays for monitoring autophagy. Autophagy, 2012, 8, 445-544.	4.3	3,122
24	High-throughput mouse phenotyping. Methods, 2011, 53, 394-404.	1.9	31
25	Absence of the GPR37/PAEL receptor impairs striatal Akt and ERK2 phosphorylation, Î”FosB expression, and conditioned place preference to amphetamine and cocaine. FASEB Journal, 2011, 25, 2071-2081.	0.2	40
26	EuroPhenome: a repository for high-throughput mouse phenotyping data. Nucleic Acids Research, 2010, 38, D577-D585.	6.5	75
27	Induction of macroautophagy by overexpression of the Parkinson's diseaseâ€associated GPR37 receptor. FASEB Journal, 2009, 23, 1978-1987.	0.2	49
28	Macroautophagy of the GPR37 orphan receptor and Parkinson disease-associated neurodegeneration. Autophagy, 2009, 5, 741-742.	4.3	13
29	Reliability, robustness, and reproducibility in mouse behavioral phenotyping: a cross-laboratory study. Physiological Genomics, 2008, 34, 243-255.	1.0	229
30	GPR37 associates with the dopamine transporter to modulate dopamine uptake and behavioral responses to dopaminergic drugs. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 9846-9851.	3.3	99
31	EMPReSS: standardized phenotype screens for functional annotation of the mouse genome. Nature Genetics, 2005, 37, 1155-1155.	9.4	146
32	Altered dopamine signaling and MPTP resistance in mice lacking the Parkinson's disease-associated GPR37/parkin-associated endothelin-like receptor. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 10189-10194.	3.3	86
33	Genomic Analysis of GPR37 and Related Orphan G-Protein Coupled Receptor Genes Highly Expressed in the Mammalian Brain. Current Genomics, 2001, 2, 253-260.	0.7	5
34	Molecular Cloning and Chromosomal Localization of the MouseGpr37Gene Encoding an Orphan G-Protein-Coupled Peptide Receptor Expressed in Brain and Testis. Genomics, 1998, 53, 315-324.	1.3	52
35	Cloning of GPR37, a Gene Located on Chromosome 7 Encoding a Putative G-Protein-Coupled Peptide Receptor, from a Human Frontal Brain EST Library. Genomics, 1997, 45, 68-77.	1.3	62
36	Replica filter assay of human Î²-adrenergic receptors expressed in E. coli. Biochemical and Biophysical Research Communications, 1990, 173, 680-688.	1.0	5

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37	DNA methylation of embryogenic carrot cell cultures and its variations as caused by mutation, differentiation, hormones and hypomethylating drugs. Theoretical and Applied Genetics, 1989, 77, 325-331.	1.8	305
38	Complement C9 is inserted into membranes in a globular conformation. FEBS Letters, 1989, 243, 347-350.	1.3	5
39	Relationships between the gene and protein structure in human complement component C9. Biochemistry, 1988, 27, 6529-6534.	1.2	42