

# Daniela Marazziti

## List of Publications by Year in descending order

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Version: 2024-02-01

39  
papers

5,202  
citations

331670

21  
h-index

302126

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. <i>International Journal of Molecular Sciences</i> , 2022, 23, 5528.   | 4.1  | 3         |
| 2  | A Quantitative Assay for Ca <sup>2+</sup> Uptake through Normal and Pathological Hemichannels. <i>International Journal of Molecular Sciences</i> , 2022, 23, 7337.  | 4.1  | 3         |
| 3  | 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. | 2.9  | 12        |
| 4  | Transcriptome programs involved in the development and structure of the cerebellum. <i>Cellular and Molecular Life Sciences</i> , 2021, 78, 6431-6451.   | 5.4  | 9         |
| 5  | 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.             | 2.9  | 10        |
| 6  | Transmembrane Protein TMEM230, a Target of Glioblastoma Therapy. <i>Frontiers in Cellular Neuroscience</i> , 2021, 15, 703431.   | 3.7  | 1         |
| 7  | A Dynamic Splicing Program Ensures Proper Synaptic Connections in the Developing Cerebellum. <i>Cell Reports</i> , 2020, 31, 107703.   | 6.4  | 25        |
| 8  | GPR37 Signaling Modulates Migration of Olfactory Ensheathing Cells and Gonadotropin Releasing Hormone Cells in Mice. <i>Frontiers in Cellular Neuroscience</i> , 2019, 13, 200.                              | 3.7  | 12        |
| 9  | 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.  | 3.7  | 8         |
| 10 | Atrophy, oxidative switching and ultrastructural defects in skeletal muscle of Ataxia Telangiectasia mouse model. <i>Journal of Cell Science</i> , 2019, 132, .  | 2.0  | 9         |
| 11 | Genetic ablation of Gpr37l1 delays tumor occurrence in Ptch1 mouse models of medulloblastoma. <i>Experimental Neurology</i> , 2019, 312, 33-42.  | 4.1  | 17        |
| 12 | Atm reactivation reverses ataxia telangiectasia phenotypes in vivo. <i>Cell Death and Disease</i> , 2018, 9, 314.  | 6.3  | 9         |
| 13 | Identification of genetic elements in metabolism by high-throughput mouse phenotyping. <i>Nature Communications</i> , 2018, 9, 288.  | 12.8 | 59        |
| 14 | Identification of genes required for eye development by high-throughput screening of mouse knockouts. <i>Communications Biology</i> , 2018, 1, 236.  | 4.4  | 37        |
| 15 | Primary Cilia in the Murine Cerebellum and in Mutant Models of Medulloblastoma. <i>Cellular and Molecular Neurobiology</i> , 2017, 37, 145-154.  | 3.3  | 22        |
| 16 | A large scale hearing loss screen reveals an extensive unexplored genetic landscape for auditory dysfunction. <i>Nature Communications</i> , 2017, 8, 886.   | 12.8 | 116       |
| 17 | Disease model discovery from 3,328 gene knockouts by The International Mouse Phenotyping Consortium. <i>Nature Genetics</i> , 2017, 49, 1231-1238.   | 21.4 | 216       |
| 18 | Methods for Visualization of Neuronal Cilia. <i>Methods in Molecular Biology</i> , 2016, 1454, 203-214.  | 0.9  | 13        |

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|----|--|------|-----------|
| 19 | Modulation of Dhh signaling and altered Sertoli cell function in mice lacking the GPR37â€prosaposin receptor. <i>FASEB Journal</i> , 2015, 29, 2059-2069.  | 0.5  | 24        |
| 20 | Analysis of mammalian gene function through broad-based phenotypic screens across a consortium of mouse clinics. <i>Nature Genetics</i> , 2015, 47, 969-978.   | 21.4 | 137       |
| 21 | 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.        | 7.1  | 59        |
| 22 | 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.   | 2.2  | 34        |
| 23 | Guidelines for the use and interpretation of assays for monitoring autophagy. <i>Autophagy</i> , 2012, 8, 445-544.   | 9.1  | 3,122     |
| 24 | High-throughput mouse phenotyping. <i>Methods</i> , 2011, 53, 394-404.   | 3.8  | 31        |
| 25 | Absence of the GPR37/PAEL receptor impairs striatal Akt and ERK2 phosphorylation, $\hat{I}^{\beta}$ FosB expression, and conditioned place preference to amphetamine and cocaine. <i>FASEB Journal</i> , 2011, 25, 2071-2081.  | 0.5  | 40        |
| 26 | EuroPhenome: a repository for high-throughput mouse phenotyping data. <i>Nucleic Acids Research</i> , 2010, 38, D577-D585.   | 14.5 | 75        |
| 27 | Induction of macroautophagy by overexpression of the Parkinson's diseaseâ€associated GPR37 receptor. <i>FASEB Journal</i> , 2009, 23, 1978-1987.   | 0.5  | 49        |
| 28 | Macroautophagy of the GPR37 orphan receptor and Parkinson disease-associated neurodegeneration. <i>Autophagy</i> , 2009, 5, 741-742.   | 9.1  | 13        |
| 29 | Reliability, robustness, and reproducibility in mouse behavioral phenotyping: a cross-laboratory study. <i>Physiological Genomics</i> , 2008, 34, 243-255.   | 2.3  | 229       |
| 30 | 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.                            | 7.1  | 99        |
| 31 | EMPreSS: standardized phenotype screens for functional annotation of the mouse genome. <i>Nature Genetics</i> , 2005, 37, 1155-1155.   | 21.4 | 146       |
| 32 | 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. | 7.1  | 86        |
| 33 | 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.   | 1.6  | 5         |
| 34 | Molecular Cloning and Chromosomal Localization of the MouseGpr37Gene Encoding an Orphan G-Protein-Coupled Peptide Receptor Expressed in Brain and Testis. <i>Genomics</i> , 1998, 53, 315-324.   | 2.9  | 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. <i>Genomics</i> , 1997, 45, 68-77.  | 2.9  | 62        |
| 36 | Replica filter assay of human $\hat{I}^2$ -adrenergic receptors expressed in E. coli. <i>Biochemical and Biophysical Research Communications</i> , 1990, 173, 680-688.   | 2.1  | 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. | 3.6 | 305       |
| 38 | Complement C9 is inserted into membranes in a globular conformation. FEBS Letters, 1989, 243, 347-350.  | 2.8 | 5         |
| 39 | Relationships between the gene and protein structure in human complement component C9. Biochemistry, 1988, 27, 6529-6534.   | 2.5 | 42        |