Lourdes Rodriguez-de la Rosa

List of Publications by Year
in descending order

24 papers	575 citations	623734 14 h-index	610901 24 g-index
25 all docs	25 docs citations	25 times ranked	729 citing authors

#	Article	IF	Citations
1	RNA Microarray Analysis in Prenatal Mouse Cochlea Reveals Novel IGF-I Target Genes: Implication of MEF2 and FOXM1 Transcription Factors. PLoS ONE, 2010, 5, e8699.	2.5	79
2	A comparative study of age-related hearing loss in wild type and insulin-like growth factor I deficient mice. Frontiers in Neuroanatomy, 2010, 4, 27.	1.7	57
3	The Role of Insulin-Like Growth Factor-I in the Physiopathology of Hearing. Frontiers in Molecular Neuroscience, 2011, 4, 11.	2.9	44
4	Age-regulated function of autophagy in the mouse inner ear. Hearing Research, 2015, 330, 39-50.	2.0	36
5	IGF-I deficiency and hearing loss: molecular clues and clinical implications. Pediatric Endocrinology Reviews, 2013, 10, 460-72.	1.2	36
6	Age-related functional and structural retinal modifications in the Igf1âˆ'/âˆ' null mouse. Neurobiology of Disease, 2012, 46, 476-485.	4.4	35
7	Insulin Receptor Substrate 2 (IRS2)-Deficient Mice Show Sensorineural Hearing Loss That Is Delayed by Concomitant Protein Tyrosine Phosphatase 1B (PTP1B) Loss of Function. Molecular Medicine, 2012, 18, 260-269.	4.4	34
8	Transforming growth factor ÃŽÂ²1 inhibition protects from noise-induced hearing loss. Frontiers in Aging Neuroscience, 2015, 7, 32.	3.4	34
9	The Role of Insulin-Like Growth Factor 1 in the Progression of Age-Related Hearing Loss. Frontiers in Aging Neuroscience, 2017, 9, 411.	3.4	31
10	Biomarkers in Vestibular Schwannomaâ€"Associated Hearing Loss. Frontiers in Neurology, 2019, 10, 978.	2.4	26
11	Differential organ phenotypes after postnatal Igf1r gene conditional deletion induced by tamoxifen in UBC-CreERT2; Igf1r fl/fl double transgenic mice. Transgenic Research, 2015, 24, 279-294.	2.4	23
12	Deficit of mitogen-activated protein kinase phosphatase 1 (DUSP1) accelerates progressive hearing loss. ELife, 2019, 8, .	6.0	21
13	Treatment with N- and C-Terminal Peptides of Parathyroid Hormone-Related Protein Partly Compensate the Skeletal Abnormalities in IGF-I Deficient Mice. PLoS ONE, 2014, 9, e87536.	2.5	20
14	Autophagy resolves early retinal inflammation in Igf1-deficient mice. DMM Disease Models and Mechanisms, 2016, 9, 965-74.	2.4	17
15	Comparative gene expression study of the vestibular organ of the Igf1 deficient mouse using whole-transcript arrays. Hearing Research, 2015, 330, 62-77.	2.0	12
16	IGF-1 Haploinsufficiency Causes Age-Related Chronic Cochlear Inflammation and Increases Noise-Induced Hearing Loss. Cells, 2021, 10, 1686.	4.1	12
17	Neuroglial Involvement in Abnormal Glutamate Transport in the Cochlear Nuclei of the Igf1âˆ'/âˆ' Mouse. Frontiers in Cellular Neuroscience, 2019, 13, 67.	3.7	11
18	Dual-Specificity Phosphatase 1 (DUSP1) Has a Central Role in Redox Homeostasis and Inflammation in the Mouse Cochlea. Antioxidants, 2021, 10, 1351.	5.1	11

#	Article	IF	Citations
19	IGF-1 deficiency causes atrophic changes associated with upregulation of VGluT1 and downregulation of MEF2 transcription factors in the mouse cochlear nuclei. Brain Structure and Function, 2016, 221, 709-734.	2.3	10
20	Insulin-like Growth Factor 1 Signaling in Mammalian Hearing. Genes, 2021, 12, 1553.	2.4	10
21	Betaineâ€homocysteine S â€methyltransferase deficiency causes increased susceptibility to noiseâ€induced hearing loss associated with plasma hyperhomocysteinemia. FASEB Journal, 2019, 33, 5942-5956.	0.5	7
22	Therapeutic efficiency of the APAFâ€1 antagonist LPT99 in a rat model of cisplatinâ€induced hearing loss. Clinical and Translational Medicine, 2021, 11, e363.	4.0	6
23	Use of Radical Oxygen Species Scavenger Nitrones to Treat Oxidative Stress-Mediated Hearing Loss: State of the Art and Challenges. Frontiers in Cellular Neuroscience, 2021, 15, 711269.	3.7	2
24	Folic acid as preventive therapy for hearing loss: effect of ototoxic drug consumption. Proceedings of the Nutrition Society, 2020, 79, .	1.0	0