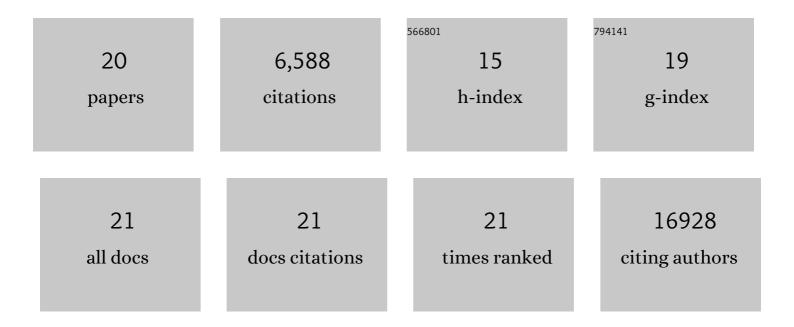
## Natalia RodrÃ-guez-Muela

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/7691120/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). Autophagy, 2016, 12, 1-222.	4.3	4,701
2	Pathogenic Lysosomal Depletion in Parkinson's Disease. Journal of Neuroscience, 2010, 30, 12535-12544.	1.7	681
3	Autophagy promotes survival of retinal ganglion cells after optic nerve axotomy in mice. Cell Death and Differentiation, 2012, 19, 162-169.	5.0	196
4	Balance between autophagic pathways preserves retinal homeostasis. Aging Cell, 2013, 12, 478-488.	3.0	169
5	Autophagy in stem cells: repair, remodelling and metabolic reprogramming. Development (Cambridge), 2018, 145, .	1.2	143
6	Lysosomal membrane permeabilization and autophagy blockade contribute to photoreceptor cell death in a mouse model of retinitis pigmentosa. Cell Death and Differentiation, 2015, 22, 476-487.	5.0	114
7	Reactive Astrocytes Promote ALS-like Degeneration and Intracellular Protein Aggregation in Human Motor Neurons by Disrupting Autophagy through TGF-β1. Stem Cell Reports, 2017, 9, 667-680.	2.3	114
8	Genome-wide RNA-Seq of Human Motor Neurons Implicates Selective ER Stress Activation in Spinal Muscular Atrophy. Cell Stem Cell, 2015, 17, 569-584.	5.2	108
9	Lysosomal membrane permeabilization in Parkinson disease. Autophagy, 2011, 7, 98-100.	4.3	61
10	Subtly Modulating Glycogen Synthase Kinase 3 β: Allosteric Inhibitor Development and Their Potential for the Treatment of Chronic Diseases. Journal of Medicinal Chemistry, 2017, 60, 4983-5001.	2.9	52
11	Axonal damage, autophagy and neuronal survival. Autophagy, 2012, 8, 286-288.	4.3	49
12	Attenuation of Vision Loss and Delay in Apoptosis of Photoreceptors Induced by Proinsulin in a Mouse Model of Retinitis Pigmentosa. , 2008, 49, 4188.		46
13	Single-Cell Analysis of SMN Reveals Its Broader Role in Neuromuscular Disease. Cell Reports, 2017, 18, 1484-1498.	2.9	38
14	Age related retinal Ganglion cell susceptibility in context of autophagy deficiency. Cell Death Discovery, 2020, 6, 21.	2.0	28
15	Blocking p62-dependent SMN degradation ameliorates spinal muscular atrophy disease phenotypes. Journal of Clinical Investigation, 2018, 128, 3008-3023.	3.9	27
16	The mito-QC Reporter for Quantitative Mitophagy Assessment in Primary Retinal Ganglion Cells and Experimental Glaucoma Models. International Journal of Molecular Sciences, 2020, 21, 1882.	1.8	18
17	Correction of a Factor VIII genomic inversion with designer-recombinases. Nature Communications, 2022, 13, 422.	5.8	14
18	Genetic modifiers ameliorate endocytic and neuromuscular defects in a model of spinal muscular atrophy. BMC Biology, 2020, 18, 127.	1.7	13

#	Article	IF	CITATIONS
19	Standard Assays for the Study of Autophagy in the Ex Vivo Retina. Cells, 2017, 6, 37.	1.8	11
20	Autophagy in motor neuron diseases. Progress in Molecular Biology and Translational Science, 2020, 172, 157-202.	0.9	2