

# 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

20  
papers

6,588  
citations

566801

15  
h-index

794141

19  
g-index

21  
all docs

21  
docs citations

21  
times ranked

16928  
citing authors

#	ARTICLE	IF	CITATIONS
1	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , 2016, 12, 1-222.	4.3	4,701
2	Pathogenic Lysosomal Depletion in Parkinson's Disease. <i>Journal of Neuroscience</i> , 2010, 30, 12535-12544.	1.7	681
3	Autophagy promotes survival of retinal ganglion cells after optic nerve axotomy in mice. <i>Cell Death and Differentiation</i> , 2012, 19, 162-169.	5.0	196
4	Balance between autophagic pathways preserves retinal homeostasis. <i>Aging Cell</i> , 2013, 12, 478-488.	3.0	169
5	Autophagy in stem cells: repair, remodelling and metabolic reprogramming. <i>Development (Cambridge)</i> , 2018, 145, .	1.2	143
6	Lysosomal membrane permeabilization and autophagy blockade contribute to photoreceptor cell death in a mouse model of retinitis pigmentosa. <i>Cell Death and Differentiation</i> , 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- $\beta$ 1. <i>Stem Cell Reports</i> , 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. <i>Cell Stem Cell</i> , 2015, 17, 569-584.	5.2	108
9	Lysosomal membrane permeabilization in Parkinson disease. <i>Autophagy</i> , 2011, 7, 98-100.	4.3	61
10	Subtly Modulating Glycogen Synthase Kinase 3 $\beta$ : Allosteric Inhibitor Development and Their Potential for the Treatment of Chronic Diseases. <i>Journal of Medicinal Chemistry</i> , 2017, 60, 4983-5001.	2.9	52
11	Axonal damage, autophagy and neuronal survival. <i>Autophagy</i> , 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. <i>Cell Reports</i> , 2017, 18, 1484-1498.	2.9	38
14	Age related retinal Ganglion cell susceptibility in context of autophagy deficiency. <i>Cell Death Discovery</i> , 2020, 6, 21.	2.0	28
15	Blocking p62-dependent SMN degradation ameliorates spinal muscular atrophy disease phenotypes. <i>Journal of Clinical Investigation</i> , 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. <i>International Journal of Molecular Sciences</i> , 2020, 21, 1882.	1.8	18
17	Correction of a Factor VIII genomic inversion with designer-recombinases. <i>Nature Communications</i> , 2022, 13, 422.	5.8	14
18	Genetic modifiers ameliorate endocytic and neuromuscular defects in a model of spinal muscular atrophy. <i>BMC Biology</i> , 2020, 18, 127.	1.7	13

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