

# Marta M Lipinski

## List of Publications by Year in descending order

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Version: 2024-02-01

39  
papers

8,520  
citations

218677

26  
h-index

330143

37  
g-index

42  
all docs

42  
docs citations

42  
times ranked

19010  
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.	9.1	4,701
2	Genome-wide analysis reveals mechanisms modulating autophagy in normal brain aging and in Alzheimer's disease. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 14164-14169.	7.1	556
3	Cell death assays for drug discovery. <i>Nature Reviews Drug Discovery</i> , 2011, 10, 221-237.	46.4	482
4	Diversity in the Mechanisms of Neuronal Cell Death. <i>Neuron</i> , 2003, 40, 401-413.	8.1	417
5	The retinoblastoma gene family in differentiation and development. <i>Oncogene</i> , 1999, 18, 7873-7882.	5.9	362
6	Impaired autophagy flux is associated with neuronal cell death after traumatic brain injury. <i>Autophagy</i> , 2014, 10, 2208-2222.	9.1	256
7	A Genome-Wide siRNA Screen Reveals Multiple mTORC1 Independent Signaling Pathways Regulating Autophagy under Normal Nutritional Conditions. <i>Developmental Cell</i> , 2010, 18, 1041-1052.	7.0	208
8	Function and Mechanisms of Autophagy in Brain and Spinal Cord Trauma. <i>Antioxidants and Redox Signaling</i> , 2015, 23, 565-577.	5.4	164
9	Negative Regulation of Vps34 by Cdk Mediated Phosphorylation. <i>Molecular Cell</i> , 2010, 38, 500-511.	9.7	154
10	Lysosomal damage after spinal cord injury causes accumulation of RIPK1 and RIPK3 proteins and potentiation of necroptosis. <i>Cell Death and Disease</i> , 2018, 9, 476.	6.3	103
11	Altered TFEB-mediated lysosomal biogenesis in Gaucher disease iPSC-derived neuronal cells. <i>Human Molecular Genetics</i> , 2015, 24, 5775-5788.	2.9	102
12	PLA2G4A/cPLA2-mediated lysosomal membrane damage leads to inhibition of autophagy and neurodegeneration after brain trauma. <i>Autophagy</i> , 2020, 16, 466-485.	9.1	95
13	Endoplasmic Reticulum Stress and Disrupted Neurogenesis in the Brain Are Associated with Cognitive Impairment and Depressive-Like Behavior after Spinal Cord Injury. <i>Journal of Neurotrauma</i> , 2016, 33, 1919-1935.	3.4	94
14	Caspase-11 Controls Interleukin-1 $\beta$ Release through Degradation of TRPC1. <i>Cell Reports</i> , 2014, 6, 1122-1128.	6.4	86
15	Autophagy in Neurotrauma: Good, Bad, or Dysregulated. <i>Cells</i> , 2019, 8, 693.	4.1	83
16	G-protein-coupled receptors regulate autophagy by ZBTB16-mediated ubiquitination and proteasomal degradation of Atg14L. <i>ELife</i> , 2015, 4, e06734.	6.0	80
17	Using <i>Drosophila</i> as an integrated model to study mild repetitive traumatic brain injury. <i>Scientific Reports</i> , 2016, 6, 25252.	3.3	76
18	A novel tracing algorithm for high throughput imaging. <i>Journal of Neuroscience Methods</i> , 2007, 160, 149-162.	2.5	61

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19	Mechanisms of cell death in polyglutamine expansion diseases. <i>Current Opinion in Pharmacology</i> , 2004, 4, 85-90.	3.5	46
20	mTOR hyperactivity mediates lysosomal dysfunction in Gaucher's disease iPSC-neuronal cells. <i>DMM Disease Models and Mechanisms</i> , 2019, 12, .	2.4	44
21	Automated neurite extraction using dynamic programming for high-throughput screening of neuron-based assays. <i>NeuroImage</i> , 2007, 35, 1502-1515.	4.2	40
22	Neuroprotective Effects of Geranylgeranylacetone in Experimental Traumatic Brain Injury. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2013, 33, 1897-1908.	4.3	39
23	Live imaging and single-cell analysis reveal differential dynamics of autophagy and apoptosis. <i>Autophagy</i> , 2013, 9, 1418-1430.	9.1	38
24	cPLA2 activation contributes to lysosomal defects leading to impairment of autophagy after spinal cord injury. <i>Cell Death and Disease</i> , 2019, 10, 531.	6.3	35
25	Ablation of the transcription factors E2F1-2 limits neuroinflammation and associated neurological deficits after contusive spinal cord injury. <i>Cell Cycle</i> , 2015, 14, 3698-3712.	2.6	32
26	The <i>PARK10</i> gene <i>USP24</i> is a negative regulator of autophagy and ULK1 protein stability. <i>Autophagy</i> , 2020, 16, 140-153.	9.1	30
27	Identification of Small Molecule Inhibitors of Neurite Loss Induced by A $\beta$ peptide using High Content Screening. <i>Journal of Biological Chemistry</i> , 2012, 287, 8714-8723.	3.4	20
28	N-Acetyl-l-leucine improves functional recovery and attenuates cortical cell death and neuroinflammation after traumatic brain injury in mice. <i>Scientific Reports</i> , 2021, 11, 9249.	3.3	20
29	Functional and transcriptional profiling of microglial activation during the chronic phase of TBI identifies an age-related driver of poor outcome in old mice. <i>GeroScience</i> , 2022, 44, 1407-1440.	4.6	16
30	Modification of autophagy-lysosomal pathway as a neuroprotective treatment for spinal cord injury. <i>Neural Regeneration Research</i> , 2015, 10, 892.	3.0	11
31	Towards the global understanding of the autophagy regulatory network. <i>Autophagy</i> , 2010, 6, 1218-1220.	9.1	10
32	Brain trauma and autophagy: What flies and mice can teach us about conserved responses. <i>Autophagy</i> , 2016, 12, 2256-2257.	9.1	10
33	A computational framework for studying neuron morphology from in vitro high content neuron-based screening. <i>Journal of Neuroscience Methods</i> , 2010, 190, 299-309.	2.5	9
34	Detection and Structural Characterization of Ether Glycerophosphoethanolamine from Cortical Lysosomes Following Traumatic Brain Injury Using UPLC-HDMS-ESI/MS. <i>Proteomics</i> , 2019, 19, e1800297.	2.2	9
35	Structure-specific, accurate quantitation of plasmalogen glycerophosphoethanolamine. <i>Analytica Chimica Acta</i> , 2021, 1186, 339088.	5.4	8
36	A Cellular Response to an Internal Energy Crisis. <i>Cell</i> , 2005, 123, 3-5.	28.9	5

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37	An image based system biology approach for Alzheimer's disease pathway analysis. , 2009, 2009, 128-132.		4
38	N-acetyl-L-leucine: a promising treatment option for traumatic brain injury. Neural Regeneration Research, 2022, 17, 1957.	3.0	4
39	Endoplasmic Reticulum Stress Response in Cell Death and Cell Survival. , 0, , 51-62.		3