Marta M Lipinski

List of Publications by Year
in descending order

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	N-acetyl-L-leucine: a promising treatment option for traumatic brain injury. Neural Regeneration Research, 2022, 17, 1957.	3.0	4
2	Functional and transcriptional profiling of microglial activation during the chronic phase of TBI identifies an age-related driver of poor outcome in old mice. GeroScience, 2022, 44, 1407-1440.	4.6	16
3	N-Acetyl-l-leucine improves functional recovery and attenuates cortical cell death and neuroinflammation after traumatic brain injury in mice. Scientific Reports, 2021, 11, 9249.	3.3	20
4	Structure-specific, accurate quantitation of plasmalogen glycerophosphoethanolamine. Analytica Chimica Acta, 2021, 1186, 339088.	5.4	8
5	PLA2G4A/cPLA2-mediated lysosomal membrane damage leads to inhibition of autophagy and neurodegeneration after brain trauma. Autophagy, 2020, 16, 466-485.	9.1	95
6	The <i>PARK10</i> gene <i>USP24</i> is a negative regulator of autophagy and ULK1 protein stability. Autophagy, 2020, 16, 140-153.	9.1	30
7	cPLA2 activation contributes to lysosomal defects leading to impairment of autophagy after spinal cord injury. Cell Death and Disease, 2019, 10, 531.	6.3	35
8	Autophagy in Neurotrauma: Good, Bad, or Dysregulated. Cells, 2019, 8, 693.	4.1	83
9	Detection and Structural Characterization of Ether Glycerophosphoethanolamine from Cortical Lysosomes Following Traumatic Brain Injury Using UPLCâ€HDMS^E. Proteomics, 2019, 19, e1800297.	2.2	9
10	mTOR hyperactivity mediates lysosomal dysfunction in Gaucher's disease iPSC-neuronal cells. DMM Disease Models and Mechanisms, 2019, 12, .	2.4	44
11	Lysosomal damage after spinal cord injury causes accumulation of RIPK1 and RIPK3 proteins and potentiation of necroptosis. Cell Death and Disease, 2018, 9, 476.	6.3	103
12	Using Drosophila as an integrated model to study mild repetitive traumatic brain injury. Scientific Reports, 2016, 6, 25252.	3.3	76
13	Endoplasmic Reticulum Stress and Disrupted Neurogenesis in the Brain Are Associated with Cognitive Impairment and Depressive-Like Behavior after Spinal Cord Injury. Journal of Neurotrauma, 2016, 33, 1919-1935.	3.4	94
14	Brain trauma and autophagy: What flies and mice can teach us about conserved responses. Autophagy, 2016, 12, 2256-2257.	9.1	10
15	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). Autophagy, 2016, 12, 1-222.	9.1	4,701
16	Altered TFEB-mediated lysosomal biogenesis in Gaucher disease iPSC-derived neuronal cells. Human Molecular Genetics, 2015, 24, 5775-5788.	2.9	102
17	Function and Mechanisms of Autophagy in Brain and Spinal Cord Trauma. Antioxidants and Redox Signaling, 2015, 23, 565-577.	5.4	164
18	Ablation of the transcription factors E2F1-2 limits neuroinflammation and associated neurological deficits after contusive spinal cord injury. Cell Cycle, 2015, 14, 3698-3712.	2.6	32

#	Article	IF	Citations
19	Modification of autophagy-lysosomal pathway as a neuroprotective treatment for spinal cord injury. Neural Regeneration Research, 2015, 10, 892.	3.0	11
20	G-protein-coupled receptors regulate autophagy by ZBTB16-mediated ubiquitination and proteasomal degradation of Atg14L. ELife, 2015, 4, e06734.	6.0	80
21	Impaired autophagy flux is associated with neuronal cell death after traumatic brain injury. Autophagy, 2014, 10, 2208-2222.	9.1	256
22	Caspase-11 Controls Interleukin-1Î² Release through Degradation of TRPC1. Cell Reports, 2014, 6, 1122-1128.	6.4	86
23	Neuroprotective Effects of Geranylgeranylacetone in Experimental Traumatic Brain Injury. Journal of Cerebral Blood Flow and Metabolism, 2013, 33, 1897-1908.	4.3	39
24	Live imaging and single-cell analysis reveal differential dynamics of autophagy and apoptosis. Autophagy, 2013, 9, 1418-1430.	9.1	38
25	Identification of Small Molecule Inhibitors of Neurite Loss Induced by Aβ peptide using High Content Screening. Journal of Biological Chemistry, 2012, 287, 8714-8723.	3.4	20
26	Cell death assays for drug discovery. Nature Reviews Drug Discovery, 2011, 10, 221-237.	46.4	482
27	A computational framework for studying neuron morphology from in vitro high content neuron-based screening. Journal of Neuroscience Methods, 2010, 190, 299-309.	2.5	9
28	Genome-wide analysis reveals mechanisms modulating autophagy in normal brain aging and in Alzheimer's disease. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 14164-14169.	7.1	556
29	Towards the global understanding of the autophagy regulatory network. Autophagy, 2010, 6, 1218-1220.	9.1	10
30	Negative Regulation of Vps34 by Cdk Mediated Phosphorylation. Molecular Cell, 2010, 38, 500-511.	9.7	154
31	A Genome-Wide siRNA Screen Reveals Multiple mTORC1 Independent Signaling Pathways Regulating Autophagy under Normal Nutritional Conditions. Developmental Cell, 2010, 18, 1041-1052.	7.0	208
32	An image based system biology approach for Alzheimer's disease pathway analysis. , 2009, 2009, 128-132.		4
33	Automated neurite extraction using dynamic programming for high-throughput screening of neuron-based assays. NeuroImage, 2007, 35, 1502-1515.	4.2	40
34	A novel tracing algorithm for high throughput imaging. Journal of Neuroscience Methods, 2007, 160, 149-162.	2.5	61
35	A Cellular Response to an Internal Energy Crisis. Cell, 2005, 123, 3-5.	28.9	5
36	Mechanisms of cell death in polyglutamine expansion diseases. Current Opinion in Pharmacology, 2004, 4, 85-90.	3.5	46

#	Article	IF	Citations
37	Diversity in the Mechanisms of Neuronal Cell Death. Neuron, 2003, 40, 401-413.	8.1	417
38	The retinoblastoma gene family in differentiation and development. Oncogene, 1999, 18, 7873-7882.	5.9	362
39	Endoplasmic Reticulum Stress Response in Cell Death and Cell Survival. , 0, , 51-62.		3