

# Valeria Crippa

## List of Publications by Citations

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50  
papers

6,041  
citations

29  
h-index

54  
g-index

54  
ext. papers

7,023  
ext. citations

6.5  
avg, IF

4.43  
L-index

#	Paper	IF	Citations
50	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , <b>2016</b> , 12, 1-222	10.2	3838
49	The small heat shock protein B8 (HspB8) promotes autophagic removal of misfolded proteins involved in amyotrophic lateral sclerosis (ALS). <i>Human Molecular Genetics</i> , <b>2010</b> , 19, 3440-56	5.6	261
48	Trehalose induces autophagy via lysosomal-mediated TFEB activation in models of motoneuron degeneration. <i>Autophagy</i> , <b>2019</b> , 15, 631-651	10.2	143
47	Mutation of SOD1 in ALS: a gain of a loss of function. <i>Human Molecular Genetics</i> , <b>2007</b> , 16, 1604-18	5.6	130
46	Dysfunction of constitutive and inducible ubiquitin-proteasome system in amyotrophic lateral sclerosis: implication for protein aggregation and immune response. <i>Progress in Neurobiology</i> , <b>2012</b> , 97, 101-26	10.9	108
45	The role of the polyglutamine tract in androgen receptor. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , <b>2008</b> , 108, 245-53	5.1	95
44	A role of small heat shock protein B8 (HspB8) in the autophagic removal of misfolded proteins responsible for neurodegenerative diseases. <i>Autophagy</i> , <b>2010</b> , 6, 958-60	10.2	83
43	Loss-of-function mutations in the SIGMAR1 gene cause distal hereditary motor neuropathy by impairing ER-mitochondria tethering and Ca <sup>2+</sup> signalling. <i>Human Molecular Genetics</i> , <b>2016</b> , 25, 3741-3753	5.6	69
42	FUS pathology in ALS is linked to alterations in multiple ALS-associated proteins and rescued by drugs stimulating autophagy. <i>Acta Neuropathologica</i> , <b>2019</b> , 138, 67-84	14.3	61
41	Different anti-aggregation and pro-degradative functions of the members of the mammalian sHSP family in neurological disorders. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , <b>2013</b> , 368, 20110409	5.8	61
40	Transcriptional induction of the heat shock protein B8 mediates the clearance of misfolded proteins responsible for motor neuron diseases. <i>Scientific Reports</i> , <b>2016</b> , 6, 22827	4.9	61
39	Pathological Proteins Are Transported by Extracellular Vesicles of Sporadic Amyotrophic Lateral Sclerosis Patients. <i>Frontiers in Neuroscience</i> , <b>2018</b> , 12, 487	5.1	60
38	Alteration of protein folding and degradation in motor neuron diseases: Implications and protective functions of small heat shock proteins. <i>Progress in Neurobiology</i> , <b>2012</b> , 97, 83-100	10.9	59
37	The chaperone HSPB8 reduces the accumulation of truncated TDP-43 species in cells and protects against TDP-43-mediated toxicity. <i>Human Molecular Genetics</i> , <b>2016</b> , 25, 3908-3924	5.6	59
36	Aggregation and proteasome: the case of elongated polyglutamine aggregation in spinal and bulbar muscular atrophy. <i>Neurobiology of Aging</i> , <b>2007</b> , 28, 1099-111	5.6	55
35	17-AAG increases autophagic removal of mutant androgen receptor in spinal and bulbar muscular atrophy. <i>Neurobiology of Disease</i> , <b>2011</b> , 41, 83-95	7.5	54
34	The small heat shock protein B8 (HSPB8) efficiently removes aggregating species of dipeptides produced in C9ORF72-related neurodegenerative diseases. <i>Cell Stress and Chaperones</i> , <b>2018</b> , 23, 1-12	4	53

33	Inhibition of retrograde transport modulates misfolded protein accumulation and clearance in motoneuron diseases. <i>Autophagy</i> , <b>2017</b> , 13, 1280-1303	10.2	50
32	Clearance of the mutant androgen receptor in motoneuronal models of spinal and bulbar muscular atrophy. <i>Neurobiology of Aging</i> , <b>2013</b> , 34, 2585-603	5.6	48
31	Muscle cells and motoneurons differentially remove mutant SOD1 causing familial amyotrophic lateral sclerosis. <i>Journal of Neurochemistry</i> , <b>2011</b> , 118, 266-80	6	46
30	Differences in protein quality control correlate with phenotype variability in 2 mouse models of familial amyotrophic lateral sclerosis. <i>Neurobiology of Aging</i> , <b>2015</b> , 36, 492-504	5.6	43
29	The Role of the Heat Shock Protein B8 (HSPB8) in Motoneuron Diseases. <i>Frontiers in Molecular Neuroscience</i> , <b>2017</b> , 10, 176	6.1	43
28	Differential autophagy power in the spinal cord and muscle of transgenic ALS mice. <i>Frontiers in Cellular Neuroscience</i> , <b>2013</b> , 7, 234	6.1	42
27	The Role of Sex and Sex Hormones in Neurodegenerative Diseases. <i>Endocrine Reviews</i> , <b>2020</b> , 41,	27.2	41
26	Aberrant Autophagic Response in The Muscle of A Knock-in Mouse Model of Spinal and Bulbar Muscular Atrophy. <i>Scientific Reports</i> , <b>2015</b> , 5, 15174	4.9	40
25	Proteasomal and autophagic degradative activities in spinal and bulbar muscular atrophy. <i>Neurobiology of Disease</i> , <b>2010</b> , 40, 361-9	7.5	39
24	Modulators of estrogen receptor inhibit proliferation and migration of prostate cancer cells. <i>Pharmacological Research</i> , <b>2014</b> , 79, 13-20	10.2	34
23	Synergic prodegradative activity of Bicalutamide and trehalose on the mutant androgen receptor responsible for spinal and bulbar muscular atrophy. <i>Human Molecular Genetics</i> , <b>2015</b> , 24, 64-75	5.6	33
22	The small heat shock protein B8 (HSPB8) modulates proliferation and migration of breast cancer cells. <i>Oncotarget</i> , <b>2017</b> , 8, 10400-10415	3.3	33
21	Tdp-25 Routing to Autophagy and Proteasome Ameliorates its Aggregation in Amyotrophic Lateral Sclerosis Target Cells. <i>Scientific Reports</i> , <b>2018</b> , 8, 12390	4.9	29
20	Motoneuronal and muscle-selective removal of ALS-related misfolded proteins. <i>Biochemical Society Transactions</i> , <b>2013</b> , 41, 1598-604	5.1	27
19	Proteostasis and ALS: protocol for a phase II, randomised, double-blind, placebo-controlled, multicentre clinical trial for colchicine in ALS (Co-ALS). <i>BMJ Open</i> , <b>2019</b> , 9, e028486	3	26
18	Dysregulation of axonal transport and motorneuron diseases. <i>Biology of the Cell</i> , <b>2011</b> , 103, 87-107	3.5	26
17	The Role of the Protein Quality Control System in SBMA. <i>Journal of Molecular Neuroscience</i> , <b>2016</b> , 58, 348-64	3.3	25
16	The anabolic/androgenic steroid nandrolone exacerbates gene expression modifications induced by mutant SOD1 in muscles of mice models of amyotrophic lateral sclerosis. <i>Pharmacological Research</i> , <b>2012</b> , 65, 221-30	10.2	25

15	ALS-related misfolded protein management in motor neurons and muscle cells. <i>Neurochemistry International</i> , <b>2014</b> , 79, 70-8	4.4	23
14	BAG3 Pro209 mutants associated with myopathy and neuropathy relocate chaperones of the CASA-complex to aggresomes. <i>Scientific Reports</i> , <b>2020</b> , 10, 8755	4.9	17
13	HSC70 expression is reduced in lymphomonocytes of sporadic ALS patients and contributes to TDP-43 accumulation. <i>Amyotrophic Lateral Sclerosis and Frontotemporal Degeneration</i> , <b>2020</b> , 21, 51-62	3.6	16
12	Autophagic and Proteasomal Mediated Removal of Mutant Androgen Receptor in Muscle Models of Spinal and Bulbar Muscular Atrophy. <i>Frontiers in Endocrinology</i> , <b>2019</b> , 10, 569	5.7	14
11	Nuclear Phospho-SOD1 Protects DNA from Oxidative Stress Damage in Amyotrophic Lateral Sclerosis. <i>Journal of Clinical Medicine</i> , <b>2019</b> , 8,	5.1	13
10	The Role of HSPB8, a Component of the Chaperone-Assisted Selective Autophagy Machinery, in Cancer. <i>Cells</i> , <b>2021</b> , 10,	7.9	13
9	The Regulation of the Small Heat Shock Protein B8 in Misfolding Protein Diseases Causing Motoneuronal and Muscle Cell Death. <i>Frontiers in Neuroscience</i> , <b>2019</b> , 13, 796	5.1	12
8	Multiple Roles of Transforming Growth Factor Beta in Amyotrophic Lateral Sclerosis. <i>International Journal of Molecular Sciences</i> , <b>2020</b> , 21,	6.3	9
7	Transforming growth factor beta 1 signaling is altered in the spinal cord and muscle of amyotrophic lateral sclerosis mice and patients. <i>Neurobiology of Aging</i> , <b>2019</b> , 82, 48-59	5.6	7
6	A Crucial Role for the Protein Quality Control System in Motor Neuron Diseases. <i>Frontiers in Aging Neuroscience</i> , <b>2020</b> , 12, 191	5.3	6
5	Enhanced Clearance of Neurotoxic Misfolded Proteins by the Natural Compound Berberine and Its Derivatives. <i>International Journal of Molecular Sciences</i> , <b>2020</b> , 21,	6.3	3
4	Valosin Containing Protein (VCP): A Multistep Regulator of Autophagy.. <i>International Journal of Molecular Sciences</i> , <b>2022</b> , 23,	6.3	3
3	Multilayer and MATR3-dependent regulation of mRNAs maintains pluripotency in human induced pluripotent stem cells. <i>iScience</i> , <b>2021</b> , 24, 102197	6.1	3
2	Retinoic Acid Downregulates HSPB8 Gene Expression in Human Breast Cancer Cells MCF-7. <i>Frontiers in Oncology</i> , <b>2021</b> , 11, 652085	5.3	1
1	Pathogenic variants of Valosin Containing Protein induce lysosomal damage and transcriptional activation of autophagy regulators in neuronal cells.. <i>Neuropathology and Applied Neurobiology</i> , <b>2022</b> , e12818	5.2	0