

# Alessandro Negro

## List of Publications by Year in descending order

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Version: 2024-02-01

31  
papers

2,521  
citations

279798

23  
h-index

434195

31  
g-index

32  
all docs

32  
docs citations

32  
times ranked

3728  
citing authors

#	ARTICLE	IF	CITATIONS
1	Full length $\alpha$ -synuclein is present in cerebrospinal fluid from Parkinson's disease and normal subjects. <i>Neuroscience Letters</i> , 2000, 287, 65-67.	2.1	344
2	$\alpha$ -Synuclein and Parkinson's disease. <i>FASEB Journal</i> , 2004, 18, 617-626.	0.5	262
3	$\alpha$ -Synuclein Controls Mitochondrial Calcium Homeostasis by Enhancing Endoplasmic Reticulum-Mitochondria Interactions. <i>Journal of Biological Chemistry</i> , 2012, 287, 17914-17929.	3.4	256
4	The SIRT1 activator resveratrol protects SK-N-BE cells from oxidative stress and against toxicity caused by $\alpha$ -synuclein or amyloid $\beta$ (1-42) peptide. <i>Journal of Neurochemistry</i> , 2009, 110, 1445-1456.	3.9	241
5	Enhanced parkin levels favor ER-mitochondria crosstalk and guarantee Ca <sup>2+</sup> transfer to sustain cell bioenergetics. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2013, 1832, 495-508.	3.8	185
6	The Parkinson disease-related protein DJ-1 counteracts mitochondrial impairment induced by the tumour suppressor protein p53 by enhancing endoplasmic reticulum-mitochondria tethering. <i>Human Molecular Genetics</i> , 2013, 22, 2152-2168.	2.9	177
7	Tyrosine and serine phosphorylation of $\alpha$ -synuclein have opposing effects on neurotoxicity and soluble oligomer formation. <i>Journal of Clinical Investigation</i> , 2009, 119, 3257-65.	8.2	158
8	DJ-1 Modulates $\alpha$ -Synuclein Aggregation State in a Cellular Model of Oxidative Stress: Relevance for Parkinson's Disease and Involvement of HSP70. <i>PLoS ONE</i> , 2008, 3, e1884.	2.5	116
9	Multiple phosphorylation of $\alpha$ -synuclein by protein tyrosine kinase Syk prevents eosin $\alpha$ -induced aggregation. <i>FASEB Journal</i> , 2002, 16, 1-22.	0.5	99
10	Protective effect of TAT $\alpha$ -delivered $\alpha$ -synuclein: relevance of the C $\alpha$ -terminal domain and involvement of HSP70. <i>FASEB Journal</i> , 2004, 18, 1713-1715.	0.5	77
11	Crystal structure and refolding properties of the mutant F99S/M153T/V163A of the green fluorescent protein. <i>Proteins: Structure, Function and Bioinformatics</i> , 2000, 41, 429-437.	2.6	68
12	The Metabolism and Imaging in Live Cells of the Bovine Prion Protein in Its Native Form or Carrying Single Amino Acid Substitutions. <i>Molecular and Cellular Neurosciences</i> , 2001, 17, 521-538.	2.2	62
13	Selective and Efficient Immunoprecipitation of the Disease-associated Form of the Prion Protein Can Be Mediated by Nonspecific Interactions between Monoclonal Antibodies and Scrapie-associated Fibrils. <i>Journal of Biological Chemistry</i> , 2004, 279, 30143-30149.	3.4	50
14	The Role of Phosphorylation in Synucleinopathies: Focus on Parkinsons Disease. <i>CNS and Neurological Disorders - Drug Targets</i> , 2010, 9, 471-481.	1.4	43
15	Apoptosis of spinal interneurons induced by sciatic nerve axotomy in the neonatal rat is counteracted by nerve growth factor and ciliary neurotrophic factor. <i>Journal of Comparative Neurology</i> , 2002, 447, 381-393.	1.6	41
16	Generation of a $\alpha$ -synuclein-based rat model of Parkinson's disease. <i>Neurobiology of Disease</i> , 2008, 30, 8-18.	4.4	34
17	The Parkinson's Disease-Related Protein DJ-1 Protects Dopaminergic Neurons in vivo and Cultured Cells from Alpha-Synuclein and 6-Hydroxydopamine Toxicity. <i>Neurodegenerative Diseases</i> , 2015, 15, 13-23.	1.4	32
18	Bovine prion protein as a modulator of protein kinase CK2. <i>Biochemical Journal</i> , 2000, 352, 191-196.	3.7	32

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19	Susceptibility of the Prion Protein to Enzymic Phosphorylation. <i>Biochemical and Biophysical Research Communications</i> , 2000, 271, 337-341.	2.1	31
20	Copper(II) Binding to the Human Doppel Protein May Mark Its Functional Diversity from the Prion Protein. <i>Journal of Biological Chemistry</i> , 2004, 279, 36497-36503.	3.4	30
21	The Prion Protein and Its Parologue Doppel Affect Calcium Signaling in Chinese Hamster Ovary Cells. <i>Molecular Biology of the Cell</i> , 2005, 16, 2799-2808.	2.1	28
22	Superiority of PLK-2 as $\hat{1}\pm$ -synuclein phosphorylating agent relies on unique specificity determinants. <i>Biochemical and Biophysical Research Communications</i> , 2012, 418, 156-160.	2.1	26
23	The effect of the osmolyte trimethylamine N-oxide on the stability of the prion protein at low pH. <i>Biopolymers</i> , 2006, 82, 234-240.	2.4	24
24	The intracellular delivery of $\langle scp \rangle TAT \langle /scp \rangle$ -aequorin reveals calcium-mediated sensing of environmental and symbiotic signals by the arbuscular mycorrhizal fungus $\langle i \rangle \langle scp \rangle G \langle /scp \rangle$ igaspora margarita $\langle /i \rangle$ . <i>New Phytologist</i> , 2014, 203, 1012-1020.	7.3	24
25	Human Doppel and prion protein share common membrane microdomains and internalization pathways. <i>International Journal of Biochemistry and Cell Biology</i> , 2004, 36, 2016-2031.	2.8	22
26	TAT-Mediated Aequorin Transduction: An Alternative Approach for Effective Calcium Measurements in Plant Cells. <i>Plant and Cell Physiology</i> , 2011, 52, 2225-2235.	3.1	17
27	Synthesis and refolding of human TIMP-2 from <i>E. coli</i> , with specific activity for MMP-2. <i>FEBS Letters</i> , 1995, 360, 52-56.	2.8	16
28	Synthesis and Cytotoxic Profile of a Diphtheria Toxin-Neurotrophin-4 Chimera. <i>Journal of Neurochemistry</i> , 2002, 68, 554-563.	3.9	9
29	Ciliary neurotrophic factor fused to a protein transduction domain retains full neuroprotective activity in the absence of cytokine-like side effects. <i>Journal of Neurochemistry</i> , 2009, 109, 1680-1690.	3.9	7
30	Exogenous human $\hat{1}\pm$ -Synuclein acts in vitro as a mild platelet antiaggregant inhibiting $\hat{1}\pm$ -thrombin-induced platelet activation. <i>Scientific Reports</i> , 2022, 12, .	3.3	4
31	Synthesis, Cytotoxic Properties and Effects on Early and Late Gene Induction of a Chimeric Diphtheria Toxin-Leukemia-Inhibitory Factor Protein. <i>FEBS Journal</i> , 1996, 241, 507-515.	0.2	2