Andrei Surguchov

List of Publications by Year
in descending order

43 papers	2,184 citations	218677 26 h-index	276875 41 g-index
43 all docs	43 docs citations	43 times ranked	2918 citing authors

#	Article	IF	Citations
1	Synucleins Are a Novel Class of Substrates for G Protein-coupled Receptor Kinases. Journal of Biological Chemistry, 2000, 275, 26515-26522.	3.4	353
2	Parkinsonâ€™s Disease: Biomarkers, Treatment, and Risk Factors. Frontiers in Neuroscience, 2018, 12, 612.	2.8	340
3	Conformational diseases: Looking into the eyes. Brain Research Bulletin, 2010, 81, 12-24.	3.0	96
4	Chapter 6 Molecular and Cellular Biology of Synucleins. International Review of Cell and Molecular Biology, 2008, 270, 225-317.	3.2	90
5	Synoretinâ€”A New Protein Belonging to the Synuclein Family. Molecular and Cellular Neurosciences, 1999, 13, 95-103.	2.2	87
6	Synucleins in ocular tissues. Journal of Neuroscience Research, 2001, 65, 68-77.	2.9	80
7	Î³-Synuclein: Seeding of Î±-Synuclein Aggregation and Transmission between Cells. Biochemistry, 2012, 51, 4743-4754.	2.5	79
8	Synucleins in glaucoma: Implication of ?-synuclein in glaucomatous alterations in the optic nerve. Journal of Neuroscience Research, 2002, 68, 97-106.	2.9	75
9	Gamma-synuclein as a marker of retinal ganglion cells. Molecular Vision, 2008, 14, 1540-8.	1.1	75
10	Intracellular Dynamics of Synucleins. International Review of Cell and Molecular Biology, 2015, 320, 103-169.	3.2	66
11	Retinal involvement in dementia with Lewy bodies: A clue to hallucinations?. Annals of Neurology, 2003, 54, 542-547.	5.3	63
12	Protein Aggregation in Retinal Cells and Approaches to Cell Protection. Cellular and Molecular Neurobiology, 2005, 25, 1051-1066.	3.3	61
13	Synucleins and Gene Expression: Ramblers in a Crowd or Cops Regulating Traffic?. Frontiers in Molecular Neuroscience, 2017, 10, 224.	2.9	58
14	Gamma synuclein: Subcellular localization in neuronal and non-neuronal cells and effect on signal transduction. Cytoskeleton, 2001, 49, 218-228.	4.4	55
15	Î²-Synuclein Reduces Proteasomal Inhibition by Î±-Synuclein but Not Î³-Synuclein. Journal of Biological Chemistry, 2005, 280, 7562-7569.	3.4	49
16	Caveolin: A New Link Between Diabetes and AD. Cellular and Molecular Neurobiology, 2020, 40, 1059-1066.	3.3	43
17	Synucleins: Are they twoâ€edged swords?. Journal of Neuroscience Research, 2013, 91, 161-166.	2.9	40
18	Role of synucleins in traumatic brain injury â€” An experimental in vitro and in vivo study in mice. Molecular and Cellular Neurosciences, 2014, 63, 114-123.	2.2	36

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19	Phytochemicals as Regulators of Genes Involved in Synucleinopathies. Biomolecules, 2021, 11, 624.	4.0	35
20	Expression of caveolin in trabecular meshwork cells and its possible implication in pathogenesis of primary open angle glaucoma. Molecular Vision, 2011, 17, 2878-88.	1.1	34
21	Cell Responses to Extracellular Î±-Synuclein. Molecules, 2019, 24, 305.	3.8	33
22	Pore-Forming Proteins as Mediators of Novel Epigenetic Mechanism of Epilepsy. Frontiers in Neurology, 2017, 8, 3.	2.4	32
23	Interaction of Myocilin with Î³-Synuclein Affects Its Secretion and Aggregation. Cellular and Molecular Neurobiology, 2005, 25, 1009-1033.	3.3	31
24	Effect of Î³-Synuclein Silencing on Apoptotic Pathways in Retinal Ganglion Cells. Journal of Biological Chemistry, 2008, 283, 36377-36385.	3.4	30
25	New Î±- and Î³-synuclein immunopathological lesions in human brain. Acta Neuropathologica Communications, 2014, 2, 132.	5.2	30
26	Î³-Synuclein: Cell-Type-Specific Promoter Activity and Binding to Transcription Factors. Journal of Molecular Neuroscience, 2008, 35, 267-271.	2.3	27
27	Biomarkers in Parkinsonâ€™s Disease. Neuromethods, 2022, , 155-180.	0.3	27
28	Matrix metalloproteinase 9 expression: new regulatory elements. Journal of Ocular Biology, Diseases, and Informatics, 2010, 3, 41-52.	0.2	26
29	Î³-synuclein has a dynamic intracellular localization. Cytoskeleton, 2006, 63, 447-458.	4.4	24
30	Invertebrate Models Untangle the Mechanism of Neurodegeneration in Parkinsonâ€™s Disease. Cells, 2021, 10, 407.	4.1	21
31	New Â¿- and Â¿-synuclein immunopathological lesions in human brain. Acta Neuropathologica Communications, 2014, 2, 132.	5.2	19
32	Cell-Specific Post-Transcriptional Regulation of Î³-Synuclein Gene by Micro-RNAs. PLoS ONE, 2013, 8, e73786.	2.5	13
33	Effect of Î±â€synuclein on membrane permeability and synaptic transmission: a clue to neurodegeneration?. Journal of Neurochemistry, 2015, 132, 619-621.	3.9	12
34	Analysis of Protein Conformational Strainsâ€”A Key for New Diagnostic Methods of Human Diseases. International Journal of Molecular Sciences, 2020, 21, 2801.	4.1	10
35	Amyloidosis and Longevity: A Lesson from Plants. Biology, 2019, 8, 43.	2.8	9
36	Parkinsonâ€™s Disease: Assay of Phosphorylated Î±-Synuclein in Skin Biopsy for Early Diagnosis and Association with Melanoma. Brain Sciences, 2016, 6, 17.	2.3	8

#	Article	IF	Citations
37	Focus on Molecules: The synucleins: â€œWhen friends become foesâ€• Experimental Eye Research, 2008, 86, 1-2.	2.6	4
38	Commentary: Î±-Synuclein Interacts with Lipoproteins in Plasma. Frontiers in Molecular Neuroscience, 2017, 10, 362.	2.9	4
39	Integrinsâ€”A missing link in synuclein's pathogenic mechanism. Journal of Neuroscience Research, 2019, 97, 539-542.	2.9	4
40	Proteinâ€“DNA interaction: One step closer to understanding the mechanism of neurodegeneration. Journal of Neuroscience Research, 2019, 97, 391-392.	2.9	2
41	ABCA7â€”A Member of the ABC Transporter Family in Healthy and Ailing Brain. Brain Sciences, 2020, 10, 121.	2.3	2
42	Association between Type-2 diabetes and Parkinsonâ€™s disease: a cross-talk between amylin and Î±-synuclein. , 2016, 1, 1-7.		1
43	Introductory Chapter: Little Pigeons Can Carry Great Messages. , 2020, , .		0