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	Biomarkers in Parkinsonâ€™s Disease. Neuromethods, 2022, , 155-180.	0.3	27
2	Invertebrate Models Untangle the Mechanism of Neurodegeneration in Parkinsonâ€™s Disease. Cells, 2021, 10, 407.	4.1	21
3	Phytochemicals as Regulators of Genes Involved in Synucleinopathies. Biomolecules, 2021, 11, 624.	4.0	35
4	Introductory Chapter: Little Pigeons Can Carry Great Messages. , 2020, , .		0
5	ABCA7â€”A Member of the ABC Transporter Family in Healthy and Ailing Brain. Brain Sciences, 2020, 10, 121.	2.3	2
6	Caveolin: A New Link Between Diabetes and AD. Cellular and Molecular Neurobiology, 2020, 40, 1059-1066.	3.3	43
7	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
8	Integrinsâ€”A missing link in synuclein's pathogenic mechanism. Journal of Neuroscience Research, 2019, 97, 539-542.	2.9	4
9	Cell Responses to Extracellular Î±-Synuclein. Molecules, 2019, 24, 305.	3.8	33
10	Amyloidosis and Longevity: A Lesson from Plants. Biology, 2019, 8, 43.	2.8	9
11	Proteinâ€“DNA interaction: One step closer to understanding the mechanism of neurodegeneration. Journal of Neuroscience Research, 2019, 97, 391-392.	2.9	2
12	Parkinsonâ€™s Disease: Biomarkers, Treatment, and Risk Factors. Frontiers in Neuroscience, 2018, 12, 612.	2.8	340
13	Pore-Forming Proteins as Mediators of Novel Epigenetic Mechanism of Epilepsy. Frontiers in Neurology, 2017, 8, 3.	2.4	32
14	Synucleins and Gene Expression: Ramblers in a Crowd or Cops Regulating Traffic?. Frontiers in Molecular Neuroscience, 2017, 10, 224.	2.9	58
15	Commentary: Î±-Synuclein Interacts with Lipoproteins in Plasma. Frontiers in Molecular Neuroscience, 2017, 10, 362.	2.9	4
16	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
17	Association between Type-2 diabetes and Parkinsonâ€™s disease: a cross-talk between amylin and Î±-synuclein. , 2016, 1, 1-7.		1
18	Intracellular Dynamics of Synucleins. International Review of Cell and Molecular Biology, 2015, 320, 103-169.	3.2	66

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19	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
20	New Î±- and Î³-synuclein immunopathological lesions in human brain. Acta Neuropathologica Communications, 2014, 2, 132.	5.2	30
21	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
22	New Â¿- and Â¿-synuclein immunopathological lesions in human brain. Acta Neuropathologica Communications, 2014, 2, 132.	5.2	19
23	Synucleins: Are they twoâ€edged swords?. Journal of Neuroscience Research, 2013, 91, 161-166.	2.9	40
24	Cell-Specific Post-Transcriptional Regulation of Î³-Synuclein Gene by Micro-RNAs. PLoS ONE, 2013, 8, e73786.	2.5	13
25	Î³-Synuclein: Seeding of Î±-Synuclein Aggregation and Transmission between Cells. Biochemistry, 2012, 51, 4743-4754.	2.5	79
26	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
27	Matrix metalloproteinase 9 expression: new regulatory elements. Journal of Ocular Biology, Diseases, and Informatics, 2010, 3, 41-52.	0.2	26
28	Conformational diseases: Looking into the eyes. Brain Research Bulletin, 2010, 81, 12-24.	3.0	96
29	Î³-Synuclein: Cell-Type-Specific Promoter Activity and Binding to Transcription Factors. Journal of Molecular Neuroscience, 2008, 35, 267-271.	2.3	27
30	Chapter 6 Molecular and Cellular Biology of Synucleins. International Review of Cell and Molecular Biology, 2008, 270, 225-317.	3.2	90
31	Focus on Molecules: The synucleins: â€œWhen friends become foesâ€• Experimental Eye Research, 2008, 86, 1-2.	2.6	4
32	Effect of Î³-Synuclein Silencing on Apoptotic Pathways in Retinal Ganglion Cells. Journal of Biological Chemistry, 2008, 283, 36377-36385.	3.4	30
33	Gamma-synuclein as a marker of retinal ganglion cells. Molecular Vision, 2008, 14, 1540-8.	1.1	75
34	Î³-synuclein has a dynamic intracellular localization. Cytoskeleton, 2006, 63, 447-458.	4.4	24
35	Interaction of Myocilin with Î³-Synuclein Affects Its Secretion and Aggregation. Cellular and Molecular Neurobiology, 2005, 25, 1009-1033.	3.3	31
36	Protein Aggregation in Retinal Cells and Approaches to Cell Protection. Cellular and Molecular Neurobiology, 2005, 25, 1051-1066.	3.3	61

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37	Î²-Synuclein Reduces Proteasomal Inhibition by Î±-Synuclein but Not Î³-Synuclein. Journal of Biological Chemistry, 2005, 280, 7562-7569.	3.4	49
38	Retinal involvement in dementia with Lewy bodies: A clue to hallucinations?. Annals of Neurology, 2003, 54, 542-547.	5.3	63
39	Synucleins in glaucoma: Implication of ?-synuclein in glaucomatous alterations in the optic nerve. Journal of Neuroscience Research, 2002, 68, 97-106.	2.9	75
40	Synucleins in ocular tissues. Journal of Neuroscience Research, 2001, 65, 68-77.	2.9	80
41	Gamma synuclein: Subcellular localization in neuronal and non-neuronal cells and effect on signal transduction. Cytoskeleton, 2001, 49, 218-228.	4.4	55
42	Synucleins Are a Novel Class of Substrates for G Protein-coupled Receptor Kinases. Journal of Biological Chemistry, 2000, 275, 26515-26522.	3.4	353
43	Synoretinâ€”A New Protein Belonging to the Synuclein Family. Molecular and Cellular Neurosciences, 1999, 13, 95-103.	2.2	87