

Grzegorz A Czapski

List of Publications by Year in descending order

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39
papers

1,401
citations

331259

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344852

36
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46
all docs

46
docs citations

46
times ranked

2439
citing authors

#	ARTICLE	IF	CITATIONS
1	Synaptic Alterations in a Transgenic Model of Tuberous Sclerosis Complex: Relevance to Autism Spectrum Disorders. <i>International Journal of Molecular Sciences</i> , 2021, 22, 10058.	1.8	8
2	Glutamate and GABA in Microglia-Neuron Cross-Talk in Alzheimer's Disease. <i>International Journal of Molecular Sciences</i> , 2021, 22, 11677.	1.8	54
3	Down-regulation of cyclin D2 in amyloid β toxicity, inflammation, and Alzheimer's disease. <i>PLoS ONE</i> , 2021, 16, e0259740.	1.1	4
4	Alterations of Transcription of Genes Coding Anti-oxidative and Mitochondria-Related Proteins in Amyloid β Toxicity: Relevance to Alzheimer's Disease. <i>Molecular Neurobiology</i> , 2020, 57, 1374-1388.	1.9	37
5	Acute Systemic Inflammatory Response Alters Transcription Profile of Genes Related to Immune Response and Ca^{2+} Homeostasis in Hippocampus; Relevance to Neurodegenerative Disorders. <i>International Journal of Molecular Sciences</i> , 2020, 21, 7838.	1.8	14
6	Maternal Immune Activation Induces Neuroinflammation and Cortical Synaptic Deficits in the Adolescent Rat Offspring. <i>International Journal of Molecular Sciences</i> , 2020, 21, 4097.	1.8	36
7	The Synaptic Dysregulation in Adolescent Rats Exposed to Maternal Immune Activation. <i>Frontiers in Molecular Neuroscience</i> , 2020, 13, 555290.	1.4	13
8	Extracellular Alpha-Synuclein Oligomers Induce Parkin S-Nitrosylation: Relevance to Sporadic Parkinson's Disease Etiopathology. <i>Molecular Neurobiology</i> , 2019, 56, 125-140.	1.9	37
9	Inhibition of poly(ADP-ribose) polymerase-1 alters expression of mitochondria-related genes in PC12 cells: relevance to mitochondrial homeostasis in neurodegenerative disorders. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2018, 1865, 281-288.	1.9	19
10	Inhibition of cyclin-dependent kinase 5 affects early neuroinflammatory signalling in murine model of amyloid beta toxicity. <i>Journal of Neuroinflammation</i> , 2018, 15, 1.	3.1	189
11	Selol, an organic selenium donor, prevents lipopolysaccharide-induced oxidative stress and inflammatory reaction in the rat brain. <i>Neurochemistry International</i> , 2017, 108, 66-77.	1.9	26
12	P2X7 receptor-pannexin 1 interaction mediates extracellular alpha-synuclein-induced ATP release in neuroblastoma SH-SY5Y cells. <i>Purinergic Signalling</i> , 2017, 13, 347-361.	1.1	42
13	Cdk5 at crossroads of protein oligomerization in neurodegenerative diseases: facts and hypotheses. <i>Journal of Neurochemistry</i> , 2016, 136, 222-233.	2.1	53
14	The mechanisms regulating cyclin-dependent kinase 5 in hippocampus during systemic inflammatory response: The effect on inflammatory gene expression. <i>Neurochemistry International</i> , 2016, 93, 103-112.	1.9	17
15	The Lipoxygenases: Their Regulation and Implication in Alzheimer's Disease. <i>Neurochemical Research</i> , 2016, 41, 243-257.	1.6	90
16	The Molecular Mechanism of Amyloid β 242 Peptide Toxicity: The Role of Sphingosine Kinase-1 and Mitochondrial Sirtuins. <i>PLoS ONE</i> , 2015, 10, e0137193.	1.1	40
17	Extracellular β -Synuclein Leads to Microtubule Destabilization via GSK-3 β -Dependent Tau Phosphorylation in PC12 Cells. <i>PLoS ONE</i> , 2014, 9, e94259.	1.1	62
18	Original article Assessment of antioxidative activity of alkaloids from <i>Huperzia selago</i> and <i>Diphysastrum complanatum</i> using in vitro systems. <i>Folia Neuropathologica</i> , 2014, 4, 394-406.	0.5	14

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19	Expression and activity of PARP family members in the hippocampus during systemic inflammation: Their role in the regulation of prooxidative genes. <i>Neurochemistry International</i> , 2013, 62, 664-673.	1.9	25
20	Extracellular alpha-synuclein induces calpain-dependent overactivation of cyclin-dependent kinase 5 in vitro. <i>FEBS Letters</i> , 2013, 587, 3135-3141.	1.3	27
21	Neurodegeneration, Mitochondrial Dysfunction, and Oxidative Stress. <i>Oxidative Medicine and Cellular Longevity</i> , 2013, 2013, 1-2.	1.9	20
22	Evaluation of the antioxidative properties of lipoxygenase inhibitors. <i>Pharmacological Reports</i> , 2012, 64, 1179-1188.	1.5	62
23	Poly(ADP-ribose) Polymerase-1 in Amyloid Beta Toxicity and Alzheimer's Disease. <i>Molecular Neurobiology</i> , 2012, 46, 78-84.	1.9	87
24	Association between plasma biomarkers, CDK5 polymorphism and the risk of Alzheimer's disease. <i>Acta Neurobiologicae Experimentalis</i> , 2012, 72, 397-411.	0.4	6
25	A novel mechanism of non-A β component of Alzheimer's disease amyloid (NAC) neurotoxicity. Interplay between p53 protein and cyclin-dependent kinase 5 (Cdk5). <i>Neurochemistry International</i> , 2011, 58, 206-214.	1.9	20
26	Alterations of Cyclin dependent kinase 5 expression and phosphorylation in Amyloid precursor protein (APP)-transfected PC12 cells. <i>FEBS Letters</i> , 2011, 585, 1243-1248.	1.3	17
27	Systemic administration of lipopolysaccharide induces molecular and morphological alterations in the hippocampus. <i>Brain Research</i> , 2010, 1356, 85-94.	1.1	56
28	β -Synuclein induced cell death in mouse hippocampal (HT22) cells is mediated by nitric oxide-dependent activation of caspase-3. <i>FEBS Letters</i> , 2010, 584, 3504-3508.	1.3	32
29	Effect of N-methyl-D-aspartate (NMDA) receptor antagonists on β -synuclein-evoked neuronal nitric oxide synthase activation in the rat brain. <i>Pharmacological Reports</i> , 2009, 61, 1078-1085.	1.5	20
30	Systemic administration of lipopolysaccharide impairs glutathione redox state and object recognition in male mice. The effect of PARP-1 inhibitor. , 2009, 47, 321-8.		29
31	Role of nitric oxide in the brain during lipopolysaccharide-evoked systemic inflammation. <i>Journal of Neuroscience Research</i> , 2007, 85, 1694-1703.	1.3	66
32	GSK-3beta and oxidative stress in aged brain. Role of poly(ADP-ribose) polymerase-1. <i>Folia Neuropathologica</i> , 2007, 45, 220-9.	0.5	15
33	Poly(ADP-ribose) polymerase-1 inhibition protects the brain against systemic inflammation. <i>Neurochemistry International</i> , 2006, 49, 751-755.	1.9	33
34	Effect of poly(ADP-ribose) polymerase inhibitors on oxidative stress evoked hydroxyl radical level and macromolecules oxidation in cell free system of rat brain cortex. <i>Neuroscience Letters</i> , 2004, 356, 45-48.	1.0	42
35	Poly(ADP-Ribose) Polymerase During Reperfusion After Transient Forebrain Ischemia: Its Role in Brain Edema and Cell Death. <i>Journal of Molecular Neuroscience</i> , 2003, 20, 61-72.	1.1	43
36	Inhibition of N-Methyl-D-Aspartic Acid-Nitric Oxide Synthase in Rat Hippocampal Slices by Ethanol. <i>Journal of Biomedical Science</i> , 2002, 9, 3-9.	2.6	6

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37	Activated neutrophils oxidize extracellular proteins of endothelial cells in culture: effect of nitric oxide donors. <i>Biochemical Journal</i> , 2002, 365, 897-902.	1.7	11
38	Inhibition of N-methyl-D-aspartic acid-nitric oxide synthase in rat hippocampal slices by ethanol. <i>Journal of Biomedical Science</i> , 2002, 9, 3-9.	2.6	10
39	Application of high-performance liquid chromatography to the investigation of free radical reactions in biological systems. <i>TrAC - Trends in Analytical Chemistry</i> , 2000, 19, 492-497.	5.8	19