

Goran ÅimiÄ

List of Publications by Year in descending order

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Version: 2024-02-01

81
papers

4,565
citations

185998

28
h-index

123241

61
g-index

90
all docs

90
docs citations

90
times ranked

7557
citing authors

#	ARTICLE	IF	CITATIONS
1	Extraordinary neoteny of synaptic spines in the human prefrontal cortex. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 13281-13286.	3.3	1,080
2	Tau Protein Hyperphosphorylation and Aggregation in Alzheimer's Disease and Other Tauopathies, and Possible Neuroprotective Strategies. Biomolecules, 2016, 6, 6.	1.8	503
3	Volume and number of neurons of the human hippocampal formation in normal aging and Alzheimer's disease. , 1997, 379, 482-494.		436
4	Monoaminergic neuropathology in Alzheimer's disease. Progress in Neurobiology, 2017, 151, 101-138.	2.8	206
5	Does Alzheimer's disease begin in the brainstem?. Neuropathology and Applied Neurobiology, 2009, 35, 532-554.	1.8	170
6	Ceramides in Alzheimer's Disease: Key Mediators of Neuronal Apoptosis Induced by Oxidative Stress and Accumulation. Oxidative Medicine and Cellular Longevity, 2015, 2015, 1-17.	1.9	167
7	Ontogenesis of goal-directed behavior: anatomo-functional considerations. International Journal of Psychophysiology, 1995, 19, 85-102.	0.5	113
8	nNOS Expression in Reactive Astrocytes Correlates with Increased Cell Death Related DNA Damage in the Hippocampus and Entorhinal Cortex in Alzheimer's Disease. Experimental Neurology, 2000, 165, 12-26.	2.0	102
9	Staging of cognitive deficits and neuropathological and ultrastructural changes in streptozotocin-induced rat model of Alzheimer's disease. Journal of Neural Transmission, 2015, 122, 577-592.	1.4	101
10	Understanding Emotions: Origins and Roles of the Amygdala. Biomolecules, 2021, 11, 823.	1.8	95
11	The interactions of p53 with tau and A β as potential therapeutic targets for Alzheimer's disease. Progress in Neurobiology, 2018, 168, 104-127.	2.8	74
12	Nucleus subputaminalis (ayala): the still disregarded magnocellular component of the basal forebrain may be human specific and connected with the cortical speech area. Neuroscience, 1999, 89, 73-89.	1.1	69
13	Ultrastructural Analysis and TUNEL Demonstrate Motor Neuron Apoptosis in Werdnig-Hoffmann Disease. Journal of Neuropathology and Experimental Neurology, 2000, 59, 398-407.	0.9	64
14	Molecular Mechanisms of Neurodegeneration Related to C9orf72 Hexanucleotide Repeat Expansion. Behavioural Neurology, 2019, 2019, 1-18.	1.1	63
15	Patient-specific Alzheimer-like pathology in trisomy 21 cerebral organoids reveals BACE2 as a gene dose-sensitive AD suppressor in human brain. Molecular Psychiatry, 2021, 26, 5766-5788.	4.1	63
16	Role of Microglial Cells in Alzheimer's Disease Tau Propagation. Frontiers in Aging Neuroscience, 2019, 11, 271.	1.7	52
17	Hemispheric asymmetry, modular variability and age-related changes in the human entorhinal cortex. Neuroscience, 2005, 130, 911-925.	1.1	50
18	Pathogenesis of proximal autosomal recessive spinal muscular atrophy. Acta Neuropathologica, 2008, 116, 223-234.	3.9	50

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19	Early Failure of the Default-Mode Network and the Pathogenesis of Alzheimer's Disease. <i>CNS Neuroscience and Therapeutics</i> , 2014, 20, 692-698.	1.9	50
20	The Reliability and Validity of the Mini-Mental State Examination in the Elderly Croatian Population. <i>Dementia and Geriatric Cognitive Disorders</i> , 2012, 33, 385-392.	0.7	46
21	Abnormal motoneuron migration, differentiation, and axon outgrowth in spinal muscular atrophy. <i>Acta Neuropathologica</i> , 2008, 115, 313-326.	3.9	44
22	The Zagreb Collection of human brains: a unique, versatile, but underexploited resource for the neuroscience community. <i>Annals of the New York Academy of Sciences</i> , 2011, 1225, E105-30.	1.8	42
23	Predictive Value of Cerebrospinal Fluid Visinin-Like Protein-1 Levels for Alzheimer's Disease Early Detection and Differential Diagnosis in Patients with Mild Cognitive Impairment. <i>Journal of Alzheimer's Disease</i> , 2016, 50, 765-778.	1.2	42
24	Recent developments in neuropathology of autism spectrum disorders. <i>Translational Neuroscience</i> , 2011, 2, 256-264.	0.7	38
25	Neuroplastin deletion in glutamatergic neurons impairs selective brain functions and calcium regulation: implication for cognitive deterioration. <i>Scientific Reports</i> , 2017, 7, 7273.	1.6	38
26	The Role of Copper in Tau-Related Pathology in Alzheimer's Disease. <i>Frontiers in Molecular Neuroscience</i> , 2020, 13, 572308.	1.4	35
27	IL-1 β , IL-6, IL-10, and TNF α Single Nucleotide Polymorphisms in Human Influence the Susceptibility to Alzheimer's Disease Pathology. <i>Journal of Alzheimer's Disease</i> , 2020, 75, 1029-1047.	1.2	35
28	Update on the core and developing cerebrospinal fluid biomarkers for Alzheimer disease. <i>Croatian Medical Journal</i> , 2014, 55, 347-365.	0.2	34
29	Inborn Errors of Metabolism Associated With Autism Spectrum Disorders: Approaches to Intervention. <i>Frontiers in Neuroscience</i> , 2021, 15, 673600.	1.4	33
30	Comparative analysis of the nucleus basalis of Meynert among primates. <i>Neuroscience</i> , 2011, 184, 1-15.	1.1	32
31	Human fetal tau protein isoform: Possibilities for Alzheimer's disease treatment. <i>International Journal of Biochemistry and Cell Biology</i> , 2012, 44, 1290-1294.	1.2	29
32	Evaluation of cerebrospinal fluid phosphorylated tau ₂₃₁ as a biomarker in the differential diagnosis of Alzheimer's disease and vascular dementia. <i>CNS Neuroscience and Therapeutics</i> , 2018, 24, 734-740.	1.9	27
33	Genotype-independent decrease in plasma dopamine beta-hydroxylase activity in Alzheimer's disease. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2013, 44, 94-99.	2.5	25
34	In search of the definitive Brodmann's map of cortical areas in human. <i>Journal of Comparative Neurology</i> , 2015, 523, 5-14.	0.9	25
35	Human neuroblastoma SH-SY5Y cells treated with okadaic acid express phosphorylated high molecular weight tau-immunoreactive protein species. <i>Journal of Neuroscience Methods</i> , 2019, 319, 60-68.	1.3	25
36	Atomic force microscopy as an advanced tool in neuroscience. <i>Translational Neuroscience</i> , 2015, 6, 117-130.	0.7	24

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37	Nucleus subputaminalis: neglected part of the basal nucleus of Meynert. <i>Brain</i> , 2006, 129, E42-E42.	3.7	23
38	Blood-brain barrier and innate immunity in the pathogenesis of Alzheimer's disease. <i>Progress in Molecular Biology and Translational Science</i> , 2019, 168, 99-145.	0.9	23
39	Hippocampal expression of cellâ€adhesion glycoprotein neuropilin is altered in Alzheimer's disease. <i>Journal of Cellular and Molecular Medicine</i> , 2019, 23, 1602-1607.	1.6	23
40	PI3K/Akt and ERK1/2 Signalling Are Involved in Quercetin-Mediated Neuroprotection against Copper-Induced Injury. <i>Oxidative Medicine and Cellular Longevity</i> , 2020, 2020, 1-14.	1.9	23
41	The Association between TNF-alpha, IL-1 alpha and IL-10 with Alzheimer's Disease. <i>Current Alzheimer Research</i> , 2021, 17, 972-984.	0.7	22
42	Mitochondria morphology and DNA content upon sublethal exposure to beta-amyloid(1-42) peptide. <i>Collegium Antropologicum</i> , 2008, 32 Suppl 1, 51-8.	0.1	21
43	Association of <i>MAPT</i> haplotypeâ€tagging polymorphisms with cerebrospinal fluid biomarkers of Alzheimer's disease: A preliminary study in a Croatian cohort. <i>Brain and Behavior</i> , 2018, 8, e01128.	1.0	20
44	Coevolution in the timing of GABAergic and pyramidal neuron maturation in primates. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2017, 284, 20171169.	1.2	18
45	Regional binding of tau and amyloid PET tracers in Down syndrome autopsy brain tissue. <i>Molecular Neurodegeneration</i> , 2020, 15, 68.	4.4	18
46	Astrocyte expression of D2-like dopamine receptors in the prefrontal cortex. <i>Translational Neuroscience</i> , 2010, 1, .	0.7	17
47	Gene expression profiling of the dorsolateral and medial orbitofrontal cortex in schizophrenia. <i>Translational Neuroscience</i> , 2016, 7, 139-150.	0.7	17
48	Molecules, Mechanisms, and Disorders of Self-Domestication: Keys for Understanding Emotional and Social Communication from an Evolutionary Perspective. <i>Biomolecules</i> , 2021, 11, 2.	1.8	17
49	Hyperphosphorylation of tau by GSK-3Î² in Alzheimerâ€™s disease: The interaction of AÎ² and sphingolipid mediators as a therapeutic target. <i>Translational Neuroscience</i> , 2013, 4, 466-476.	0.7	16
50	Relationships of Cerebrospinal Fluid Alzheimerâ€™s Disease Biomarkers and COMT, DBH, and MAOB Single Nucleotide Polymorphisms. <i>Journal of Alzheimer's Disease</i> , 2020, 73, 135-145.	1.2	16
51	Alterations and interactions of subcortical modulatory systems in Alzheimer's disease. <i>Progress in Brain Research</i> , 2021, 261, 379-421.	0.9	15
52	The Association of Essential Metals with APOE Genotype in Alzheimerâ€™s Disease. <i>Journal of Alzheimer's Disease</i> , 2021, 82, 661-672.	1.2	14
53	Using redescription mining to relate clinical and biological characteristics of cognitively impaired and Alzheimerâ€™s disease patients. <i>PLoS ONE</i> , 2017, 12, e0187364.	1.1	14
54	NLRP1 Inflammasome Activation in the Hippocampal Formation in Alzheimerâ€™s Disease: Correlation with Neuropathological Changes and Unbiasedly Estimated Neuronal Loss. <i>Cells</i> , 2022, 11, 2223.	1.8	13

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55	Pathological tau proteins in argyrophilic grain disease. <i>Lancet Neurology</i> , The, 2002, 1, 276.	4.9	11
56	Phosphorylation Pattern of tau Associated with Distinct Changes of the Growth Cone Cytoskeleton. <i>Progress in Molecular and Subcellular Biology</i> , 2003, 32, 33-48.	0.9	11
57	Endosomal location of dopamine receptors in neuronal cell cytoplasm. <i>Journal of Molecular Histology</i> , 2007, 38, 333-340.	1.0	10
58	Comparison of two commercial enzyme-linked immunosorbent assays for cerebrospinal fluid measurement of amyloid β 42 and total tau. <i>Translational Neuroscience</i> , 2013, 4, .	0.7	10
59	Stathmin is enriched in the developing corticospinal tract. <i>Molecular and Cellular Neurosciences</i> , 2015, 69, 12-21.	1.0	9
60	A non-invasive hidden-goal test for spatial orientation deficit detection in subjects with suspected mild cognitive impairment. <i>Journal of Neuroscience Methods</i> , 2020, 332, 108547.	1.3	9
61	CSF tau proteins in differential diagnosis of dementia. <i>Translational Neuroscience</i> , 2010, 1, 43-48.	0.7	8
62	Cerebrospinal fluid markers in differential diagnosis of Alzheimer's disease and vascular dementia. <i>Collegium Antropologicum</i> , 2008, 32 Suppl 1, 31-6.	0.1	8
63	Rare diseases and omics-driven personalized medicine. <i>Croatian Medical Journal</i> , 2019, 60, 485-487.	0.2	7
64	Prenatal development of the human entorhinal cortex. <i>Journal of Comparative Neurology</i> , 2022, 530, 2711-2748.	0.9	7
65	Recent advances in the neurobiology of attachment behavior. <i>Translational Neuroscience</i> , 2010, 1, .	0.7	6
66	Treatment strategies for spinal muscular atrophy. <i>Translational Neuroscience</i> , 2010, 1, 308-321.	0.7	6
67	Message from the Editors-in-Chief. <i>Translational Neuroscience</i> , 2010, 1, 1-1.	0.7	5
68	Fragile X-premutation tremor/ataxia syndrome (FXTAS) in a young woman: clinical, genetics, MRI and 1H-MR spectroscopy correlates. <i>Collegium Antropologicum</i> , 2011, 35 Suppl 1, 327-32.	0.1	5
69	HSV1 in Alzheimer's disease: Myth or reality?. <i>Translational Neuroscience</i> , 2011, 2, .	0.7	4
70	fMRI neural activation patterns induced by professional military training. <i>Translational Neuroscience</i> , 2012, 3, 46-50.	0.7	4
71	Event-related Potentials Improve the Efficiency of Cerebrospinal Fluid Biomarkers for Differential Diagnosis of Alzheimer's Disease. <i>Current Alzheimer Research</i> , 2018, 15, 1244-1260.	0.7	4
72	Magnetic resonance spectroscopy and measurement of tau epitopes of autopsy proven sporadic Creutzfeldt-Jakob disease in a patient with non-specific initial EEG, MRI and negative 14-3-3 immunoblot. <i>Collegium Antropologicum</i> , 2008, 32 Suppl 1, 199-204.	0.1	4

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73	Pathogenesis, modulation, and therapy of Alzheimerâ€™s disease: A perspective on roles of liver-X receptors. Translational Neuroscience, 2013, 4, .	0.7	3
74	Congenital brain anomalies and chromosomal aberrations from the Zagreb Collection of human brains. Translational Neuroscience, 2014, 5, .	0.7	3
75	The Role of p53 in Alzheimerâ€™s Disease: Impact on Tau Pathology. , 2019, , 39-48.		3
76	Personalizing the Care and Treatment of Alzheimerâ€™s Disease: An Overview. Pharmacogenomics and Personalized Medicine, 2021, Volume 14, 631-653.	0.4	3
77	Association of the MAOB rs1799836 Single Nucleotide Polymorphism and APOE Î¼4 Allele in Alzheimerâ€™s Disease. Current Alzheimer Research, 2021, 18, 585-594.	0.7	3
78	Heines DE. Neuroanatomy Atlas in Clinical Context: Structures, Sections, Systems, and Syndromes10th edition; Baltimore: Wolters Kluwer (Lippincott Williams Wilkins); 2019. 384 pages; ISBN 978-1-975106-68-3, eISBN: 978-1-4963-8416-4. Croatian Medical Journal, 2019, 60, 390-390.	0.2	2
79	Giant cavernoma of the skull and skeletal-extraskelatal angiomatosis associated with paraproteinemia. Translational Neuroscience, 2011, 2, .	0.7	1
80	Functional reorganization of the primary motor cortex in a patient with a large arteriovenous malformation involving the precentral gyrus. Translational Neuroscience, 2013, 4, .	0.7	1
81	A Non-invasive Hidden-Goal Test for Screening of Persons with Possible Cognitive Impairment. Socijalna Psihijatrija, 2019, 47, 412-413.	0.2	0