

Goran ÅimiÄ

List of Publications by Year in descending order

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Version: 2024-02-01

81
papers

4,565
citations

172457

29
h-index

106344

65
g-index

90
all docs

90
docs citations

90
times ranked

7557
citing authors

#	ARTICLE	IF	CITATIONS
1	Prenatal development of the human entorhinal cortex. <i>Journal of Comparative Neurology</i> , 2022, 530, 2711-2748.	1.6	7
2	NLRP1 Inflammasome Activation in the Hippocampal Formation in Alzheimer's Disease: Correlation with Neuropathological Changes and Unbiasedly Estimated Neuronal Loss. <i>Cells</i> , 2022, 11, 2223.	4.1	13
3	Patient-specific Alzheimer-like pathology in trisomy 21 cerebral organoids reveals BACE2 as a gene dose-sensitive AD suppressor in human brain. <i>Molecular Psychiatry</i> , 2021, 26, 5766-5788.	7.9	63
4	Alterations and interactions of subcortical modulatory systems in Alzheimer's disease. <i>Progress in Brain Research</i> , 2021, 261, 379-421.	1.4	15
5	The Association between TNF-alpha, IL-1 alpha and IL-10 with Alzheimer's Disease. <i>Current Alzheimer Research</i> , 2021, 17, 972-984.	1.4	22
6	Understanding Emotions: Origins and Roles of the Amygdala. <i>Biomolecules</i> , 2021, 11, 823.	4.0	95
7	Inborn Errors of Metabolism Associated With Autism Spectrum Disorders: Approaches to Intervention. <i>Frontiers in Neuroscience</i> , 2021, 15, 673600.	2.8	33
8	Personalizing the Care and Treatment of Alzheimer's Disease: An Overview. <i>Pharmacogenomics and Personalized Medicine</i> , 2021, Volume 14, 631-653.	0.7	3
9	The Association of Essential Metals with APOE Genotype in Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2021, 82, 661-672.	2.6	14
10	Association of the MAOB rs1799836 Single Nucleotide Polymorphism and APOE ε4 Allele in Alzheimer's Disease. <i>Current Alzheimer Research</i> , 2021, 18, 585-594.	1.4	3
11	Molecules, Mechanisms, and Disorders of Self-Domestication: Keys for Understanding Emotional and Social Communication from an Evolutionary Perspective. <i>Biomolecules</i> , 2021, 11, 2.	4.0	17
12	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.	2.5	9
13	Relationships of Cerebrospinal Fluid Alzheimer's Disease Biomarkers and COMT, DBH, and MAOB Single Nucleotide Polymorphisms. <i>Journal of Alzheimer's Disease</i> , 2020, 73, 135-145.	2.6	16
14	The Role of Copper in Tau-Related Pathology in Alzheimer's Disease. <i>Frontiers in Molecular Neuroscience</i> , 2020, 13, 572308.	2.9	35
15	Regional binding of tau and amyloid PET tracers in Down syndrome autopsy brain tissue. <i>Molecular Neurodegeneration</i> , 2020, 15, 68.	10.8	18
16	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.	4.0	23
17	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.	2.6	35
18	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.	1.7	23

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19	Role of Microglial Cells in Alzheimer's Disease Tau Propagation. <i>Frontiers in Aging Neuroscience</i> , 2019, 11, 271.	3.4	52
20	Molecular Mechanisms of Neurodegeneration Related to <i>C9orf72</i> Hexanucleotide Repeat Expansion. <i>Behavioural Neurology</i> , 2019, 2019, 1-18.	2.1	63
21	Hippocampal expression of cell adhesion glycoprotein neuropilin is altered in Alzheimer's disease. <i>Journal of Cellular and Molecular Medicine</i> , 2019, 23, 1602-1607.	3.6	23
22	The Role of p53 in Alzheimer's Disease: Impact on Tau Pathology. , 2019, , 39-48.		3
23	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.	2.5	25
24	Rare diseases and omics-driven personalized medicine. <i>Croatian Medical Journal</i> , 2019, 60, 485-487.	0.7	7
25	Heines DE. <i>Neuroanatomy Atlas in Clinical Context: Structures, Sections, Systems, and Syndromes</i> 10th edition; Baltimore: Wolters Kluwer (Lippincott Williams Wilkins); 2019. 384 pages; ISBN 978-1-975106-68-3, eISBN: 978-1-4963-8416-4. <i>Croatian Medical Journal</i> , 2019, 60, 390-390.	0.7	2
26	A Non-invasive Hidden-Goal Test for Screening of Persons with Possible Cognitive Impairment. <i>Socijalna Psihijatrija</i> , 2019, 47, 412-413.	0.1	0
27	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.	3.9	27
28	The interactions of p53 with tau and A β as potential therapeutic targets for Alzheimer's disease. <i>Progress in Neurobiology</i> , 2018, 168, 104-127.	5.7	74
29	Association of <i>MAPT</i> haplotype-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.	2.2	20
30	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.	1.4	4
31	Monoaminergic neuropathology in Alzheimer's disease. <i>Progress in Neurobiology</i> , 2017, 151, 101-138.	5.7	206
32	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.	2.6	18
33	Neuropilin deletion in glutamatergic neurons impairs selective brain functions and calcium regulation: implication for cognitive deterioration. <i>Scientific Reports</i> , 2017, 7, 7273.	3.3	38
34	Using redescription mining to relate clinical and biological characteristics of cognitively impaired and Alzheimer's disease patients. <i>PLoS ONE</i> , 2017, 12, e0187364.	2.5	14
35	Tau Protein Hyperphosphorylation and Aggregation in Alzheimer's Disease and Other Tauopathies, and Possible Neuroprotective Strategies. <i>Biomolecules</i> , 2016, 6, 6.	4.0	503
36	Gene expression profiling of the dorsolateral and medial orbitofrontal cortex in schizophrenia. <i>Translational Neuroscience</i> , 2016, 7, 139-150.	1.4	17

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37	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.	2.6	42
38	Ceramides in Alzheimer's Disease: Key Mediators of Neuronal Apoptosis Induced by Oxidative Stress and Accumulation. <i>Oxidative Medicine and Cellular Longevity</i> , 2015, 2015, 1-17.	4.0	167
39	Atomic force microscopy as an advanced tool in neuroscience. <i>Translational Neuroscience</i> , 2015, 6, 117-130.	1.4	24
40	Staging of cognitive deficits and neuropathological and ultrastructural changes in streptozotocin-induced rat model of Alzheimer's disease. <i>Journal of Neural Transmission</i> , 2015, 122, 577-592.	2.8	101
41	Stathmin is enriched in the developing corticospinal tract. <i>Molecular and Cellular Neurosciences</i> , 2015, 69, 12-21.	2.2	9
42	In search of the definitive Brodmann's map of cortical areas in human. <i>Journal of Comparative Neurology</i> , 2015, 523, 5-14.	1.6	25
43	Update on the core and developing cerebrospinal fluid biomarkers for Alzheimer disease. <i>Croatian Medical Journal</i> , 2014, 55, 347-365.	0.7	34
44	Early Failure of the Default-Mode Network and the Pathogenesis of Alzheimer's Disease. <i>CNS Neuroscience and Therapeutics</i> , 2014, 20, 692-698.	3.9	50
45	Congenital brain anomalies and chromosomal aberrations from the Zagreb Collection of human brains. <i>Translational Neuroscience</i> , 2014, 5, .	1.4	3
46	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, .	1.4	10
47	Functional reorganization of the primary motor cortex in a patient with a large arteriovenous malformation involving the precentral gyrus. <i>Translational Neuroscience</i> , 2013, 4, .	1.4	1
48	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.	4.8	25
49	Pathogenesis, modulation, and therapy of Alzheimer's disease: A perspective on roles of liver-X receptors. <i>Translational Neuroscience</i> , 2013, 4, .	1.4	3
50	Hyperphosphorylation of tau by GSK-3 β in Alzheimer's disease: The interaction of β 2 and sphingolipid mediators as a therapeutic target. <i>Translational Neuroscience</i> , 2013, 4, 466-476.	1.4	16
51	Human fetal tau protein isoform: Possibilities for Alzheimer's disease treatment. <i>International Journal of Biochemistry and Cell Biology</i> , 2012, 44, 1290-1294.	2.8	29
52	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.	1.5	46
53	fMRI neural activation patterns induced by professional military training. <i>Translational Neuroscience</i> , 2012, 3, 46-50.	1.4	4
54	Comparative analysis of the nucleus basalis of Meynert among primates. <i>Neuroscience</i> , 2011, 184, 1-15.	2.3	32

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55	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.	3.8	42
56	HSV1 in Alzheimer's disease: Myth or reality?. <i>Translational Neuroscience</i> , 2011, 2, .	1.4	4
57	Recent developments in neuropathology of autism spectrum disorders. <i>Translational Neuroscience</i> , 2011, 2, 256-264.	1.4	38
58	Giant cavernoma of the skull and skeletal-extraskeletal angiomatosis associated with paraproteinemia. <i>Translational Neuroscience</i> , 2011, 2, .	1.4	1
59	Extraordinary neoteny of synaptic spines in the human prefrontal cortex. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 13281-13286.	7.1	1,080
60	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.	0.2	5
61	CSF tau proteins in differential diagnosis of dementia. <i>Translational Neuroscience</i> , 2010, 1, 43-48.	1.4	8
62	Message from the Editors-in-Chief. <i>Translational Neuroscience</i> , 2010, 1, 1-1.	1.4	5
63	Recent advances in the neurobiology of attachment behavior. <i>Translational Neuroscience</i> , 2010, 1, .	1.4	6
64	Astrocyte expression of D2-like dopamine receptors in the prefrontal cortex. <i>Translational Neuroscience</i> , 2010, 1, .	1.4	17
65	Treatment strategies for spinal muscular atrophy. <i>Translational Neuroscience</i> , 2010, 1, 308-321.	1.4	6
66	Does Alzheimer's disease begin in the brainstem?. <i>Neuropathology and Applied Neurobiology</i> , 2009, 35, 532-554.	3.2	170
67	Abnormal motoneuron migration, differentiation, and axon outgrowth in spinal muscular atrophy. <i>Acta Neuropathologica</i> , 2008, 115, 313-326.	7.7	44
68	Pathogenesis of proximal autosomal recessive spinal muscular atrophy. <i>Acta Neuropathologica</i> , 2008, 116, 223-234.	7.7	50
69	Cerebrospinal fluid markers in differential diagnosis of Alzheimer's disease and vascular dementia. <i>Collegium Antropologicum</i> , 2008, 32 Suppl 1, 31-6.	0.2	8
70	Mitochondria morphology and DNA content upon sublethal exposure to beta-amyloid(1-42) peptide. <i>Collegium Antropologicum</i> , 2008, 32 Suppl 1, 51-8.	0.2	21
71	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.	0.2	4
72	Endosomal location of dopamine receptors in neuronal cell cytoplasm. <i>Journal of Molecular Histology</i> , 2007, 38, 333-340.	2.2	10

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73	Nucleus subputaminalis: neglected part of the basal nucleus of Meynert. <i>Brain</i> , 2006, 129, E42-E42.	7.6	23
74	Hemispheric asymmetry, modular variability and age-related changes in the human entorhinal cortex. <i>Neuroscience</i> , 2005, 130, 911-925.	2.3	50
75	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.	1.6	11
76	Pathological tau proteins in argyrophilic grain disease. <i>Lancet Neurology</i> , The, 2002, 1, 276.	10.2	11
77	Ultrastructural Analysis and TUNEL Demonstrate Motor Neuron Apoptosis in Werdnig-Hoffmann Disease. <i>Journal of Neuropathology and Experimental Neurology</i> , 2000, 59, 398-407.	1.7	64
78	nNOS Expression in Reactive Astrocytes Correlates with Increased Cell Death Related DNA Damage in the Hippocampus and Entorhinal Cortex in Alzheimer's Disease. <i>Experimental Neurology</i> , 2000, 165, 12-26.	4.1	102
79	Nucleus subputaminalis (ayala): the still disregarded magnocellular component of the basal forebrain may be human specific and connected with the cortical speech area. <i>Neuroscience</i> , 1999, 89, 73-89.	2.3	69
80	Volume and number of neurons of the human hippocampal formation in normal aging and Alzheimer's disease. <i>Journal of Comparative Neurology</i> , 1997, 379, 482-494.	1.6	436
81	Ontogenesis of goal-directed behavior: anatomo-functional considerations. <i>International Journal of Psychophysiology</i> , 1995, 19, 85-102.	1.0	113