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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

76 papers	3,231 citations	26 h-index	56 g-index
90 ext. papers	3,946 ext. citations	4.4 avg, IF	5.19 L-index

#	Paper	IF	Citations
76	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, 13281-6	11.5	825
75	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, 482-94	3.4	349
74	Tau Protein Hyperphosphorylation and Aggregation in Alzheimer's Disease and Other Tauopathies, and Possible Neuroprotective Strategies. <i>Biomolecules</i> , 2016 , 6, 6	5.9	348
73	Does Alzheimer's disease begin in the brainstem?. <i>Neuropathology and Applied Neurobiology</i> , 2009 , 35, 532-54	5.2	139
72	Monoaminergic neuropathology in Alzheimer's disease. <i>Progress in Neurobiology</i> , 2017 , 151, 101-138	10.9	137
71	Ceramides in Alzheimer's Disease: Key Mediators of Neuronal Apoptosis Induced by Oxidative Stress and A β Accumulation. <i>Oxidative Medicine and Cellular Longevity</i> , 2015 , 2015, 346783	6.7	116
70	Ontogenesis of goal-directed behavior: anatomo-functional considerations. <i>International Journal of Psychophysiology</i> , 1995 , 19, 85-102	2.9	101
69	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	5.7	84
68	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, 577-92	4.2	63
67	The interactions of p53 with tau and A β s potential therapeutic targets for Alzheimer's disease. <i>Progress in Neurobiology</i> , 2018 , 168, 104-127	10.9	51
66	Ultrastructural analysis and TUNEL demonstrate motor neuron apoptosis in Werdnig-Hoffmann disease. <i>Journal of Neuropathology and Experimental Neurology</i> , 2000 , 59, 398-407	3.1	51
65	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	3.9	51
64	Molecular Mechanisms of Neurodegeneration Related to Hexanucleotide Repeat Expansion. <i>Behavioural Neurology</i> , 2019 , 2019, 2909168	3	45
63	Pathogenesis of proximal autosomal recessive spinal muscular atrophy. <i>Acta Neuropathologica</i> , 2008 , 116, 223-34	14.3	44
62	Hemispheric asymmetry, modular variability and age-related changes in the human entorhinal cortex. <i>Neuroscience</i> , 2005 , 130, 911-25	3.9	43
61	Early failure of the default-mode network and the pathogenesis of Alzheimer's disease. <i>CNS Neuroscience and Therapeutics</i> , 2014 , 20, 692-8	6.8	36
60	The reliability and validity of the mini-mental state examination in the elderly Croatian population. <i>Dementia and Geriatric Cognitive Disorders</i> , 2012 , 33, 385-92	2.6	36

59	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 Suppl 1, E105-30	6.5	35
58	RECENT DEVELOPMENTS IN NEUROPATHOLOGY OF AUTISM SPECTRUM DISORDERS. <i>Translational Neuroscience</i> , 2011 , 2, 256-264	1.2	32
57	Abnormal motoneuron migration, differentiation, and axon outgrowth in spinal muscular atrophy. <i>Acta Neuropathologica</i> , 2008 , 115, 313-26	14.3	32
56	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, 765-78	4.3	32
55	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> , 2020 ,	15.1	30
54	Role of Microglial Cells in Alzheimer's Disease Tau Propagation. <i>Frontiers in Aging Neuroscience</i> , 2019 , 11, 271	5.3	28
53	Update on the core and developing cerebrospinal fluid biomarkers for Alzheimer disease. <i>Croatian Medical Journal</i> , 2014 , 55, 347-65	1.6	28
52	Comparative analysis of the nucleus basalis of Meynert among primates. <i>Neuroscience</i> , 2011 , 184, 1-15	3.9	28
51	Human fetal tau protein isoform: possibilities for Alzheimer's disease treatment. <i>International Journal of Biochemistry and Cell Biology</i> , 2012 , 44, 1290-4	5.6	26
50	Genotype-independent decrease in plasma dopamine beta-hydroxylase activity in Alzheimer's disease. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2013 , 44, 94-9	5.5	21
49	Neuroplastin deletion in glutamatergic neurons impairs selective brain functions and calcium regulation: implication for cognitive deterioration. <i>Scientific Reports</i> , 2017 , 7, 7273	4.9	21
48	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
47	Nucleus subputaminalis: neglected part of the basal nucleus of Meynert. <i>Brain</i> , 2006 , 129, E42; author reply E43	11.2	18
46	Understanding Emotions: Origins and Roles of the Amygdala. <i>Biomolecules</i> , 2021 , 11,	5.9	18
45	In search of the definitive Brodmann's map of cortical areas in human. <i>Journal of Comparative Neurology</i> , 2015 , 523, 5-14	3.4	17
44	Evaluation of cerebrospinal fluid phosphorylated tau as a biomarker in the differential diagnosis of Alzheimer's disease and vascular dementia. <i>CNS Neuroscience and Therapeutics</i> , 2018 , 24, 734-740	6.8	17
43	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	4	17
42	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	6.3	16

41	Atomic force microscopy as an advanced tool in neuroscience. <i>Translational Neuroscience</i> , 2015 , 6, 117-130		15
40	Association of MAPT 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	3-4	15
39	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	4-3	14
38	Hyperphosphorylation of tau by GSK-3 β in Alzheimer's disease: The interaction of A β and sphingolipid mediators as a therapeutic target. <i>Translational Neuroscience</i> , 2013 , 4,	1-2	13
37	The Role of Copper in Tau-Related Pathology in Alzheimer's Disease. <i>Frontiers in Molecular Neuroscience</i> , 2020 , 13, 572308	6-1	13
36	Coevolution in the timing of GABAergic and pyramidal neuron maturation in primates. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2017 , 284,	4-4	12
35	Astrocyte expression of D2-like dopamine receptors in the prefrontal cortex. <i>Translational Neuroscience</i> , 2010 , 1,	1-2	12
34	Hippocampal expression of cell-adhesion glycoprotein neuroligin is altered in Alzheimer's disease. <i>Journal of Cellular and Molecular Medicine</i> , 2019 , 23, 1602-1607	5-6	12
33	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, 9834742	6-7	11
32	Gene expression profiling of the dorsolateral and medial orbitofrontal cortex in schizophrenia. <i>Translational Neuroscience</i> , 2016 , 7, 139-150	1-2	11
31	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	3	10
30	Endosomal location of dopamine receptors in neuronal cell cytoplasm. <i>Journal of Molecular Histology</i> , 2007 , 38, 333-40	3-3	9
29	Pathological tau proteins in argyrophilic grain disease. <i>Lancet Neurology</i> , 2002 , 1, 276	24-1	9
28	Molecules, Mechanisms, and Disorders of Self-Domestication: Keys for Understanding Emotional and Social Communication from an Evolutionary Perspective. <i>Biomolecules</i> , 2020 , 11,	5-9	9
27	Comparison of two commercial enzyme-linked immunosorbent assays for cerebrospinal fluid measurement of amyloid β and total tau. <i>Translational Neuroscience</i> , 2013 , 4,	1-2	8
26	Relationships of Cerebrospinal Fluid Alzheimer's Disease Biomarkers and COMT, DBH, and MAOA Single Nucleotide Polymorphisms. <i>Journal of Alzheimer's Disease</i> , 2020 , 73, 135-145	4-3	8
25	CSF tau proteins in differential diagnosis of dementia. <i>Translational Neuroscience</i> , 2010 , 1,	1-2	7
24	The Association between TNF-alpha, IL-1 alpha and IL-10 with Alzheimer's Disease. <i>Current Alzheimer Research</i> , 2020 , 17, 972-984	3	7

23	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	7
22	Using redescription mining to relate clinical and biological characteristics of cognitively impaired and Alzheimer's disease patients. <i>PLoS ONE</i> , 2017 , 12, e0187364	3.7	6
21	Regional binding of tau and amyloid PET tracers in Down syndrome autopsy brain tissue. <i>Molecular Neurodegeneration</i> , 2020 , 15, 68	19	6
20	Recent advances in the neurobiology of attachment behavior. <i>Translational Neuroscience</i> , 2010 , 1,	1.2	5
19	Inborn Errors of Metabolism Associated With Autism Spectrum Disorders: Approaches to Intervention. <i>Frontiers in Neuroscience</i> , 2021 , 15, 673600	5.1	5
18	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
17	Stathmin is enriched in the developing corticospinal tract. <i>Molecular and Cellular Neurosciences</i> , 2015 , 69, 12-21	4.8	4
16	Treatment strategies for spinal muscular atrophy. <i>Translational Neuroscience</i> , 2010 , 1,	1.2	4
15	Alterations and interactions of subcortical modulatory systems in Alzheimer's disease. <i>Progress in Brain Research</i> , 2021 , 261, 379-421	2.9	4
14	The Association of Essential Metals with APOE Genotype in Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2021 , 82, 661-672	4.3	4
13	Pathogenesis, modulation, and therapy of Alzheimer's disease: A perspective on roles of liver-X receptors. <i>Translational Neuroscience</i> , 2013 , 4,	1.2	3
12	HSV1 in Alzheimer's disease: Myth or reality?. <i>Translational Neuroscience</i> , 2011 , 2,	1.2	3
11	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	3	3
10	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	3
9	Congenital brain anomalies and chromosomal aberrations from the Zagreb Collection of human brains. <i>Translational Neuroscience</i> , 2014 , 5,	1.2	2
8	fMRI neural activation patterns induced by professional military training. <i>Translational Neuroscience</i> , 2012 , 3,	1.2	2
7	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	3	2
6	Human neuroblastoma SH-SY5Y cells treated with okadaic acid express phosphorylated high molecular weight tau-immunoreactive protein species		2

5	The Role of p53 in Alzheimer's Disease: Impact on Tau Pathology 2019 , 39-48		2
4	Giant cavernoma of the skull and skeletal-extraskeletal angiomatosis associated with paraproteinemia. <i>Translational Neuroscience</i> , 2011 , 2,	1.2	1
3	Patient-specific Alzheimer-like pathology in trisomy 21 cerebral organoids reveals BACE2 as a gene-dose-sensitive AD-suppressor in human brain		1
2	Personalizing the Care and Treatment of Alzheimer's Disease: An Overview. <i>Pharmacogenomics and Personalized Medicine</i> , 2021 , 14, 631-653	2.1	
1	Association of the MAOB rs1799836 Single Nucleotide Polymorphism and APOE ϵ Allele in Alzheimer's Disease. <i>Current Alzheimer Research</i> , 2021 , 18, 585-594		3