

Alzheimer's disease

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Citation Report

#	ARTICLE	IF	CITATIONS
1	The Enemy within: Innate Surveillance-Mediated Cell Death, the Common Mechanism of Neurodegenerative Disease. <i>Frontiers in Neuroscience</i> , 2016, 10, 193.	2.8	30
2	Impairments of neural circuit function in Alzheimer's disease. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2016, 371, 20150429.	4.0	241
3	Close Correlation of Monoamine Oxidase Activity with Progress of Alzheimerâ€™s Disease in Mice, Observed by <i>in Vivo</i> Two-Photon Imaging. <i>ACS Central Science</i> , 2016, 2, 967-975.	11.3	94
4	Innate phagocytosis by peripheral blood monocytes is altered in Alzheimerâ€™s disease. <i>Acta Neuropathologica</i> , 2016, 132, 377-389.	7.7	40
5	Unspecific binding of cRNA probe to plaques in two mouse models for Alzheimerâ€™s disease. <i>Journal of Negative Results in BioMedicine</i> , 2016, 15, 22.	1.4	0
6	Age, APOE and sex: Triad of risk of Alzheimerâ€™s disease. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2016, 160, 134-147.	2.5	443
7	Vascular and Metabolic Factors in Alzheimerâ€™s Disease and Related Dementias: Introduction. <i>Cellular and Molecular Neurobiology</i> , 2016, 36, 151-154.	3.3	42
8	Targeting Î²-amyloid plaques and oligomers: development of near-IR fluorescence imaging probes. <i>Future Medicinal Chemistry</i> , 2017, 9, 179-198.	2.3	23
9	Hearing impairment and risk of Alzheimerâ€™s disease: a meta-analysis of prospective cohort studies. <i>Neurological Sciences</i> , 2017, 38, 233-239.	1.9	66
10	Alzheimerâ€™s disease: How metal ions define Î²-amyloid function. <i>Coordination Chemistry Reviews</i> , 2017, 351, 127-159.	18.8	120
11	Abcb1a but not Abcg2 played a predominant role in limiting the brain distribution of Huperzine A in mice. <i>Food and Chemical Toxicology</i> , 2017, 107, 68-73.	3.6	9
12	Tau Diagnostics and Clinical Studies. <i>Journal of Molecular Neuroscience</i> , 2017, 63, 123-130.	2.3	11
13	The conformational epitope for a new AÎ²42 protofibrilâ€selective antibody partially overlaps with the peptide Nâ€terminal region. <i>Journal of Neurochemistry</i> , 2017, 143, 736-749.	3.9	22
14	BACE inhibition-dependent repair of Alzheimerâ€™s pathophysiology. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 8631-8636.	7.1	93
15	New racemic annulated pyrazolo[1,2-b]phthalazines as tacrine-like AChE inhibitors with potential use in Alzheimer's disease. <i>European Journal of Medicinal Chemistry</i> , 2017, 139, 280-289.	5.5	45
16	Alzheimerâ€™s Dementia: An Overview. <i>Journal of the Indian Institute of Science</i> , 2017, 97, 591-602.	1.9	3
17	Amyloid plaques beyond AÎ²: a survey of the diverse modulators of amyloid aggregation. <i>Biophysical Reviews</i> , 2017, 9, 405-419.	3.2	74
18	Rodent Models for Alzheimerâ€™s Disease in Drug Discovery. , 2017, , 235-247.		5

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19	Role of Vitamin E in the Treatment of Alzheimer's Disease: Evidence from Animal Models. International Journal of Molecular Sciences, 2017, 18, 2504.	4.1	106
20	Axonal Degeneration in Tauopathies: Disease Relevance and Underlying Mechanisms. Frontiers in Neuroscience, 2017, 11, 572.	2.8	82
21	Neuroimmune Axes of the Blood-Brain Barriers and Blood-Brain Interfaces: Bases for Physiological Regulation, Disease States, and Pharmacological Interventions. Pharmacological Reviews, 2018, 70, 278-314.	16.0	242
22	CSF biomarkers of Alzheimer's disease concord with amyloid PET and predict clinical progression: A study of fully automated immunoassays in BioFINDER and ADNI cohorts. Alzheimer's and Dementia, 2018, 14, 1470-1481.	0.8	468
23	Delivery systems for theranostics in neurodegenerative diseases. Nano Research, 2018, 11, 5535-5555.	10.4	29
24	Revealing brain mechanisms of mTOR-mediated translational regulation: Implications for chronic pain. Neurobiology of Pain (Cambridge, Mass), 2018, 4, 27-34.	2.5	14
25	Impact of Neurodegenerative Diseases on Drug Binding to Brain Tissues: From Animal Models to Human Samples. Neurotherapeutics, 2018, 15, 742-750.	4.4	5
26	A review of physiological and behavioral monitoring with digital sensors for neuropsychiatric illnesses. Physiological Measurement, 2018, 39, 05TR01.	2.1	86
27	Clinical Trials for Disease-Modifying Therapies in Alzheimer's Disease: A Primer, Lessons Learned, and a Blueprint for the Future. Journal of Alzheimer's Disease, 2018, 64, S3-S22.	2.6	108
28	Alzheimer's disease: clinical update on epidemiology, pathophysiology and diagnosis. Australasian Psychiatry, 2018, 26, 347-357.	0.7	131
29	Tau Proteolysis in the Pathogenesis of Tauopathies: Neurotoxic Fragments and Novel Biomarkers. Journal of Alzheimer's Disease, 2018, 63, 13-33.	2.6	111
30	Interaction between a MAPT variant causing frontotemporal dementia and mutant APP affects axonal transport. Neurobiology of Aging, 2018, 68, 68-75.	3.1	17
31	Quercetin nanoparticles with enhanced bioavailability as multifunctional agents toward amyloid induced neurotoxicity. Journal of Materials Chemistry B, 2018, 6, 1387-1393.	5.8	33
32	Peripheral and Central Effects of Memantine in a Mixed Preclinical Mice Model of Obesity and Familial Alzheimer's Disease. Molecular Neurobiology, 2018, 55, 7327-7339.	4.0	24
33	Computational Study of the Michael Addition of the Flavonoid (+)-Taxifolin in the Inhibition of Amyloid Fibril Aggregation. Chemistry - A European Journal, 2018, 24, 5813-5824.	3.3	11
34	Leptin and ghrelin: Sewing metabolism onto neurodegeneration. Neuropharmacology, 2018, 136, 307-316.	4.1	25
35	Memantine for the Treatment of Dementia: A Review on its Current and Future Applications. Journal of Alzheimer's Disease, 2018, 62, 1223-1240.	2.6	150
36	Behavioral and Neuropsychiatric Disorders in Alzheimer's Disease. Journal of Alzheimer's Disease, 2018, 63, 899-910.	2.6	40

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37	Alzheimer's disease drug development pipeline: 2018. <i>Alzheimer's and Dementia: Translational Research and Clinical Interventions</i> , 2018, 4, 195-214.	3.7	469
38	Sexual dimorphism in predisposition to Alzheimer's disease. <i>Neurobiology of Aging</i> , 2018, 70, 308-324.	3.1	165
39	Randomized Trial of Verubecestat for Mild-to-Moderate Alzheimer's Disease. <i>New England Journal of Medicine</i> , 2018, 378, 1691-1703.	27.0	512
40	The hidden potential of lysosomal ion channels: A new era of oncogenes. <i>Cell Calcium</i> , 2018, 72, 91-103.	2.4	40
41	Reactive astrocytes in Alzheimer's disease: A double-edged sword. <i>Neuroscience Research</i> , 2018, 126, 44-52.	1.9	129
42	Alzheimer Disease. <i>Journal for Nurse Practitioners</i> , 2018, 14, 129-135.	0.8	64
43	Innate Immunity and Neurodegeneration. <i>Annual Review of Medicine</i> , 2018, 69, 437-449.	12.2	221
44	Simulating the effect of formation of amyloid plaques on aggregation of tau protein. <i>Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences</i> , 2018, 474, 20180511.	2.1	18
45	New Therapeutic Avenues of mCSF for Brain Diseases and Injuries. <i>Frontiers in Cellular Neuroscience</i> , 2018, 12, 499.	3.7	24
46	Alzheimer's amyloid-beta intermediates generated using polymer-nanodiscs. <i>Chemical Communications</i> , 2018, 54, 12883-12886.	4.1	69
47	Crocetin attenuates inflammation and amyloid- β accumulation in APPsw transgenic mice. <i>Immunity and Ageing</i> , 2018, 15, 24.	4.2	35
48	NEAT1 and paraspeckles in neurodegenerative diseases: A missing lnc found?. <i>Non-coding RNA Research</i> , 2018, 3, 243-252.	4.6	85
49	The Ethyl Acetate Extract of Leaves of <i>Ugni molinae</i> Turcz. Improves Neuropathological Hallmarks of Alzheimer's Disease in Female APPswe/PS1dE9 Mice Fed with a High Fat Diet. <i>Journal of Alzheimer's Disease</i> , 2018, 66, 1175-1191.	2.6	10
50	The Epigenetics of Alzheimer's Disease: Factors and Therapeutic Implications. <i>Frontiers in Genetics</i> , 2018, 9, 579.	2.3	97
51	Current state of Alzheimer's fluid biomarkers. <i>Acta Neuropathologica</i> , 2018, 136, 821-853.	7.7	370
52	The biochemical basis of disease. <i>Essays in Biochemistry</i> , 2018, 62, 619-642.	4.7	30
53	What have we learned recently from transgenic mouse models about neurodegeneration? The most promising discoveries of this millennium. <i>Pharmacological Reports</i> , 2018, 70, 1105-1115.	3.3	7
54	Prolonged Drug-Releasing Fibers Attenuate Alzheimer's Disease-like Pathogenesis. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 36693-36702.	8.0	18

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55	APP promotes osteoblast survival and bone formation by regulating mitochondrial function and preventing oxidative stress. <i>Cell Death and Disease</i> , 2018, 9, 1077.	6.3	29
56	Neurovascular dysfunction in vascular dementia, Alzheimer's and atherosclerosis. <i>BMC Neuroscience</i> , 2018, 19, 62.	1.9	122
57	Amyloidosis by Bacterial Infection in Critically Ill Patients?. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2018, 198, 1475-1476.	5.6	0
58	Development of a robust diffusion-MR elastography (dMRE) technique to mitigate intravoxel phase dispersion. <i>Magnetic Resonance Imaging</i> , 2018, 54, 160-170.	1.8	1
59	Gut Microbiota is Altered in Patients with Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2018, 63, 1337-1346.	2.6	538
60	O-GlcNAc cycling in the developing, adult and geriatric brain. <i>Journal of Bioenergetics and Biomembranes</i> , 2018, 50, 241-261.	2.3	26
61	United states of amnesia: rescuing memory loss from diverse conditions. <i>DMM Disease Models and Mechanisms</i> , 2018, 11, .	2.4	3
62	Multimodal Chemical Imaging of Amyloid Plaque Polymorphism Reveals A β 2 Aggregation Dependent Anionic Lipid Accumulations and Metabolism. <i>Analytical Chemistry</i> , 2018, 90, 8130-8138.	6.5	39
63	The neuronal S100B protein is a calcium-tuned suppressor of amyloid- β 2 aggregation. <i>Science Advances</i> , 2018, 4, eaag1702.	10.3	49
64	Effect of Cholesterol on Membrane Fluidity and Association of A β 2 Oligomers and Subsequent Neuronal Damage: A Double-Edged Sword. <i>Frontiers in Aging Neuroscience</i> , 2018, 10, 226.	3.4	52
65	Biomarkers for Alzheimer's disease: current status and prospects for the future. <i>Journal of Internal Medicine</i> , 2018, 284, 643-663.	6.0	550
66	Contactin-2, a synaptic and axonal protein, is reduced in cerebrospinal fluid and brain tissue in Alzheimer's disease. <i>Alzheimer's Research and Therapy</i> , 2018, 10, 52.	6.2	18
67	Advances in the discovery of genetic risk factors for complex forms of neurodegenerative disorders: contemporary approaches, success, challenges and prospects. <i>Journal of Genetics</i> , 2018, 97, 625-648.	0.7	7
68	Identification of crizotinib derivatives as potent SHIP2 inhibitors for the treatment of Alzheimer's disease. <i>European Journal of Medicinal Chemistry</i> , 2018, 157, 405-422.	5.5	13
69	Dissociation of C-Reactive Protein Localizes and Amplifies Inflammation: Evidence for a Direct Biological Role of C-Reactive Protein and Its Conformational Changes. <i>Frontiers in Immunology</i> , 2018, 9, 1351.	4.8	122
70	Of Microbes and Minds: A Narrative Review on the Second Brain Aging. <i>Frontiers in Medicine</i> , 2018, 5, 53.	2.6	71
71	Cognitive Decline, Dementia, Alzheimer's Disease and Presbycusis: Examination of the Possible Molecular Mechanism. <i>Frontiers in Neuroscience</i> , 2018, 12, 394.	2.8	72
72	Microglial Lectins in Health and Neurological Diseases. <i>Frontiers in Molecular Neuroscience</i> , 2018, 11, 158.	2.9	43

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73	Circadian Rhythm and Alzheimer's Disease. Medical Sciences (Basel, Switzerland), 2018, 6, 52.	2.9	42
74	The Implication of the Brain Insulin Receptor in Late Onset Alzheimer's Disease Dementia. Pharmaceuticals, 2018, 11, 11.	3.8	45
75	The emerging roles of protein homeostasis-governing pathways in Alzheimer's disease. Aging Cell, 2018, 17, e12801.	6.7	88
76	Highlights in BACE1 Inhibitors for Alzheimer's Disease Treatment. Frontiers in Chemistry, 2018, 6, 178.	3.6	126
77	Lack of genetic support for shared aetiology of Coronary Artery Disease and Late-onset Alzheimer's disease. Scientific Reports, 2018, 8, 7102.	3.3	9
78	Physiological A β Concentrations Produce a More Biomimetic Representation of the Alzheimer's Disease Phenotype in iPSC Derived Human Neurons. ACS Chemical Neuroscience, 2018, 9, 1693-1701.	3.5	12
79	Evidence for Reduced Autobiographical Memory Episodic Specificity in Cognitively Normal Middle-Aged and Older Individuals at Increased Risk for Alzheimer's Disease Dementia. Journal of the International Neuropsychological Society, 2018, 24, 1073-1083.	1.8	34
80	Dysregulation of Neuronal Iron Homeostasis as an Alternative Unifying Effect of Mutations Causing Familial Alzheimer's Disease. Frontiers in Neuroscience, 2018, 12, 533.	2.8	41
81	Alzheimer's Dementia Drug Discovery. , 2018, , 587-591.		0
82	Stereological Quantification of Plaques and Tangles in Neocortex from Alzheimer's Disease Patients. Journal of Alzheimer's Disease, 2018, 64, 723-734.	2.6	4
83	Proteasome Activation to Combat Proteotoxicity. Molecules, 2019, 24, 2841.	3.8	29
84	Further analyses of the safety of verubecestat in the phase 3 EPOCH trial of mild-to-moderate Alzheimer's disease. Alzheimer's Research and Therapy, 2019, 11, 68.	6.2	44
85	HENA, heterogeneous network-based data set for Alzheimer's disease. Scientific Data, 2019, 6, 151.	5.3	34
86	Unilateral Focused Ultrasound-Induced Blood-Brain Barrier Opening Reduces Phosphorylated Tau from The rTg4510 Mouse Model. Theranostics, 2019, 9, 5396-5411.	10.0	63
87	The neuropathological diagnosis of Alzheimer's disease. Molecular Neurodegeneration, 2019, 14, 32.	10.8	1,497
88	Amylin as a potential link between type 2 diabetes and alzheimer disease. Annals of Neurology, 2019, 86, 539-551.	5.3	70
89	Roles for the adaptive immune system in Parkinson's and Alzheimer's diseases. Current Opinion in Immunology, 2019, 59, 115-120.	5.5	38
90	Risk for neurodegenerative disorders in Korean patients with vitiligo: A nationwide retrospective cohort study. Journal of the American Academy of Dermatology, 2019, 81, 621-623.	1.2	3

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91	Methods to detect mitophagy in neurons during disease. <i>Journal of Neuroscience Methods</i> , 2019, 325, 108351.	2.5	5
92	Elevated levels of Secreted-Frizzled-Related-Protein 1 contribute to Alzheimer's disease pathogenesis. <i>Nature Neuroscience</i> , 2019, 22, 1258-1268.	14.8	48
93	Distribution and Relative Abundance of S100 Proteins in the Brain of the APP23 Alzheimer's Disease Model Mice. <i>Frontiers in Neuroscience</i> , 2019, 13, 640.	2.8	31
94	Size-Controllable Magnetic Iron Oxide Nanorods for Biomarker Targeting and Improving Microfluidic Mixing. <i>ACS Applied Bio Materials</i> , 2019, 2, 3362-3371.	4.6	7
95	Endothelial Mitochondrial Dysfunction in Cerebral Amyloid Angiopathy and Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2019, 72, 1019-1039.	2.6	72
96	Overexpression of TIPE2, a Negative Regulator of Innate and Adaptive Immunity, Attenuates Cognitive Deficits in APP/PS1 Mice. <i>Journal of Neuroimmune Pharmacology</i> , 2019, 14, 519-529.	4.1	11
97	The effects of insulin and insulin-like growth factor I on amyloid precursor protein phosphorylation in in vitro and in vivo models of Alzheimer's disease. <i>Neurobiology of Disease</i> , 2019, 132, 104541.	4.4	38
98	The molecular lifecycle of amyloid " Mechanism of assembly, mesoscopic organisation, polymorphism, suprastructures, and biological consequences. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2019, 1867, 140257.	2.3	35
99	Dual functional cholinesterase and PDE4D inhibitors for the treatment of Alzheimer's disease: Design, synthesis and evaluation of tacrine-pyrazolo[3,4-b]pyridine hybrids. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2019, 29, 2150-2152.	2.2	28
100	Lessons Learned From Public Private Partnerships and Consortia: The ADNI Paradigm. <i>Handbook of Behavioral Neuroscience</i> , 2019, , 239-246.	0.7	0
101	Human amyloid- β^2 enriched extracts: evaluation of in vitro and in vivo internalization and molecular characterization. <i>Alzheimer's Research and Therapy</i> , 2019, 11, 56.	6.2	16
102	Reliability and Validity of the Chinese Version of the Mild Behavioral Impairment Checklist for Screening for Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2019, 70, 747-756.	2.6	26
103	Distinct Brain Regions in Physiological and Pathological Brain Aging. <i>Frontiers in Aging Neuroscience</i> , 2019, 11, 147.	3.4	15
104	Brain-on-a-chip: A history of development and future perspective. <i>Biomicrofluidics</i> , 2019, 13, 051301.	2.4	78
105	Biopharmaceutical potential, chemical profile and in silico study of the seagrass " <i>Syringodium isoetifolium</i> (Asch.) Dandy. <i>South African Journal of Botany</i> , 2019, 127, 167-175.	2.5	14
106	Nanoparticle-mediated approaches for Alzheimer's disease pathogenesis, diagnosis, and therapeutics. <i>Journal of Controlled Release</i> , 2019, 314, 125-140.	9.9	43
107	Introduction: Nanomedicine in the Brain. , 2019, , 1-28.		1
108	Cuscutae Japonicae Semen Ameliorates Memory Dysfunction by Rescuing Synaptic Damage in Alzheimer's Disease Models. <i>Nutrients</i> , 2019, 11, 2591.	4.1	12

#	ARTICLE	IF	CITATIONS
109	Intermittent Fasting: a Promising Approach for Preventing Vascular Dementia. <i>Journal of Lipid and Atherosclerosis</i> , 2019, 8, 1.	3.5	10
110	Proteins and microRNAs are differentially expressed in tear fluid from patients with Alzheimer's disease. <i>Scientific Reports</i> , 2019, 9, 15437.	3.3	63
111	The Role of Microglia in the Homeostasis of the Central Nervous System and Neuroinflammation. <i>Molecular Biology</i> , 2019, 53, 696-703.	1.3	26
112	The sex-specific interaction of the microbiome in neurodegenerative diseases. <i>Brain Research</i> , 2019, 1724, 146385.	2.2	29
113	FTO: An Emerging Molecular Player in Neuropsychiatric Diseases. <i>Neuroscience</i> , 2019, 418, 15-24.	2.3	21
114	Differential activation of the mTOR/autophagy pathway predicts cognitive performance in APP/PS1 mice. <i>Neurobiology of Aging</i> , 2019, 83, 105-113.	3.1	25
115	Influence of CYP2D6, CYP3A5, ABCB1, APOE polymorphisms and nongenetic factors on donepezil treatment in patients with Alzheimer's disease and vascular dementia. <i>Pharmacogenomics and Personalized Medicine</i> , 2019, Volume 12, 209-224.	0.7	11
116	A novel kit for early diagnosis of Alzheimer's disease using a fluorescent nanoparticle imaging. <i>Scientific Reports</i> , 2019, 9, 13184.	3.3	17
117	Discordant amyloid- β PET and CSF biomarkers and its clinical consequences. <i>Alzheimer's Research and Therapy</i> , 2019, 11, 78.	6.2	40
118	Type 2 Diabetes Mellitus Increases The Risk of Late-Onset Alzheimer's Disease: Ultrastructural Remodeling of the Neurovascular Unit and Diabetic Gliopathy. <i>Brain Sciences</i> , 2019, 9, 262.	2.3	48
119	A combined molecular biology and network pharmacology approach to investigate the multi-target mechanisms of Chaihu Shugan San on Alzheimer's disease. <i>Biomedicine and Pharmacotherapy</i> , 2019, 120, 109370.	5.6	57
120	Emerging Alternative Proteinases in APP Metabolism and Alzheimer's Disease Pathogenesis: A Focus on MT1-MMP and MT5-MMP. <i>Frontiers in Aging Neuroscience</i> , 2019, 11, 244.	3.4	46
121	Identification of a rare presenilin 1 single amino acid deletion mutation (F175del) with unusual amyloid- β processing effects. <i>Neurobiology of Aging</i> , 2019, 84, 241.e5-241.e11.	3.1	9
122	Common brain disorders are associated with heritable patterns of apparent aging of the brain. <i>Nature Neuroscience</i> , 2019, 22, 1617-1623.	14.8	358
123	CH(II), a cerebroprotein hydrolysate, exhibits potential neuro-protective effect on Alzheimer's disease. <i>PLoS ONE</i> , 2019, 14, e0222757.	2.5	4
124	A Human Neuroimaging Perspective on Sleep in Normative and Pathological Ageing. <i>Current Sleep Medicine Reports</i> , 2019, 5, 1-12.	1.4	1
125	Disease-related proteins determination based on surface-enhanced Raman spectroscopy. <i>Applied Spectroscopy Reviews</i> , 2019, 54, 856-872.	6.7	10
126	Distinct differences in rates of oxygen consumption and ATP synthesis of regionally isolated non-synaptic mouse brain mitochondria. <i>Journal of Neuroscience Research</i> , 2019, 97, 961-974.	2.9	22

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127	Free radicals in Alzheimer's disease: Lipid peroxidation biomarkers. Clinica Chimica Acta, 2019, 491, 85-90.	1.1	96
128	Protective Variants in Alzheimer's Disease. Current Genetic Medicine Reports, 2019, 7, 1-12.	1.9	12
129	Long-term icariin treatment ameliorates cognitive deficits via CD4 ⁺ T cell-mediated immuno-inflammatory responses in APP/PS1 mice. Clinical Interventions in Aging, 2019, Volume 14, 817-826.	2.9	21
130	Shared Molecular Signatures Across Neurodegenerative Diseases and Herpes Virus Infections Highlights Potential Mechanisms for Maladaptive Innate Immune Responses. Scientific Reports, 2019, 9, 8795.	3.3	29
131	Development of pyrazole and spiropyrazoline analogs as multifunctional agents for treatment of Alzheimer's disease. Bioorganic Chemistry, 2019, 90, 103080.	4.1	30
132	Physical Exercise as Personalized Medicine for Dementia Prevention?. Frontiers in Physiology, 2019, 10, 672.	2.8	36
133	Improving Sensitivity and Specificity of Amyloid- β Peptides and Tau Protein Detection with Antibiofouling Magnetic Nanoparticles for Liquid Biopsy of Alzheimer's Disease. ACS Biomaterials Science and Engineering, 2019, 5, 3595-3605.	5.2	22
134	Developments with multi-target drugs for Alzheimer's disease: an overview of the current discovery approaches. Expert Opinion on Drug Discovery, 2019, 14, 879-891.	5.0	60
135	Identification of age- and gender-associated long noncoding RNAs in the human brain with Alzheimer's disease. Neurobiology of Aging, 2019, 81, 116-126.	3.1	52
136	Vanadyl acetylacetonate attenuates A β pathogenesis in APP/PS1 transgenic mice depending on the intervention stage. New Journal of Chemistry, 2019, 43, 17588-17594.	2.8	5
137	Identification of Alzheimer's Disease Autoantibodies and Their Target Biomarkers by Phage Microarrays. Journal of Proteome Research, 2019, 18, 2940-2953.	3.7	38
139	$\alpha 7$ nicotinic ACh receptors are necessary for memory recovery and neuroprotection promoted by attention training in amyloid- β infused mice. British Journal of Pharmacology, 2019, 176, 3193-3205.	5.4	14
140	Association of Alzheimer's Disease Genetic Risk Loci with Cognitive Performance and Decline: A Systematic Review. Journal of Alzheimer's Disease, 2019, 69, 1109-1136.	2.6	9
141	Association between autophagy and rapid eye movement sleep loss-associated neurodegenerative and patho-physio-behavioral changes. Sleep Medicine, 2019, 63, 29-37.	1.6	24
142	Proteomic signatures of brain regions affected by tau pathology in early and late stages of Alzheimer's disease. Neurobiology of Disease, 2019, 130, 104509.	4.4	46
143	Epigenetic dysregulation of enhancers in neurons is associated with Alzheimer's disease pathology and cognitive symptoms. Nature Communications, 2019, 10, 2246.	12.8	160
144	Infection-Induced Systemic Inflammation Is a Potential Driver of Alzheimer's Disease Progression. Frontiers in Aging Neuroscience, 2019, 11, 122.	3.4	40
145	The Scientific Case for Brain Simulations. Neuron, 2019, 102, 735-744.	8.1	123

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146	Single-cell transcriptomic analysis of Alzheimer's disease. <i>Nature</i> , 2019, 570, 332-337.	27.8	1,528
147	Hsp60 Protects against Amyloid β^2 Oligomer Synaptic Toxicity via Modification of Toxic Oligomer Conformation. <i>ACS Chemical Neuroscience</i> , 2019, 10, 2858-2867.	3.5	19
148	Data-Driven Analysis of Age, Sex, and Tissue Effects on Gene Expression Variability in Alzheimer's Disease. <i>Frontiers in Neuroscience</i> , 2019, 13, 392.	2.8	22
149	A metabolic perspective of late onset Alzheimer's disease. <i>Pharmacological Research</i> , 2019, 145, 104255.	7.1	19
150	Poor Oral Health and Its Neurological Consequences: Mechanisms of <i>Porphyromonas gingivalis</i> Involvement in Cognitive Dysfunction. <i>Current Oral Health Reports</i> , 2019, 6, 120-129.	1.6	10
151	Concentration of microtubule associated protein tau (MAPT) in urine and saliva as a potential biomarker of traumatic brain injury in relationship with blood-brain barrier disruption in postmortem examination. <i>Forensic Science International</i> , 2019, 301, 28-36.	2.2	23
152	Reverting Metabolic Dysfunction in Cortex and Cerebellum of APP/PS1 Mice, a Model for Alzheimer's Disease by Pioglitazone, a Peroxisome Proliferator-Activated Receptor Gamma (PPAR γ) Agonist. <i>Molecular Neurobiology</i> , 2019, 56, 7267-7283.	4.0	25
153	Chronic Traumatic Encephalopathy: A Clinical Perspective. <i>Journal of Neuropsychiatry and Clinical Neurosciences</i> , 2019, 31, 170-172.	1.8	5
154	Peptide-Modified Mo Polyoxometalate Nanoparticles Suppress Zn ²⁺ -Induced A β^2 Aggregation. <i>ChemNanoMat</i> , 2019, 5, 897-910.	2.8	7
155	Computational Methods for the Discovery of Metabolic Markers of Complex Traits. <i>Metabolites</i> , 2019, 9, 66.	2.9	28
156	Neurodegenerative Disease-Related Proteins within the Epidermal Layer of the Human Skin. <i>Journal of Alzheimer's Disease</i> , 2019, 69, 463-478.	2.6	22
157	Melting Down Protein Stability: PAPS Synthase 2 in Patients and in a Cellular Environment. <i>Frontiers in Molecular Biosciences</i> , 2019, 6, 31.	3.5	10
158	Identification of neurotoxic cross-linked amyloid- β^2 dimers in the Alzheimer's brain. <i>Brain</i> , 2019, 142, 1441-1457.	7.6	74
159	S100 Proteins in Alzheimer's Disease. <i>Frontiers in Neuroscience</i> , 2019, 13, 463.	2.8	118
160	Clinical, pathophysiological and genetic features of motor symptoms in autosomal dominant Alzheimer's disease. <i>Brain</i> , 2019, 142, 1429-1440.	7.6	36
161	Dynamics of Iron Homeostasis in Health and Disease: Molecular Mechanisms and Methods for Iron Determination. <i>Series in Bioengineering</i> , 2019, , 105-145.	0.6	1
162	Mind the gaps: What we don't know about cognitive impairment in essential tremor. <i>Parkinsonism and Related Disorders</i> , 2019, 63, 10-19.	2.2	47
163	Tryptophan-derived butyrylcholinesterase inhibitors as promising leads against Alzheimer's disease. <i>Chemical Communications</i> , 2019, 55, 3765-3768.	4.1	60

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164	Subtyping of circulating exosome-bound amyloid β reflects brain plaque deposition. <i>Nature Communications</i> , 2019, 10, 1144.	12.8	136
165	Cross-disease analysis of Alzheimer's disease and type-2 Diabetes highlights the role of autophagy in the pathophysiology of two highly comorbid diseases. <i>Scientific Reports</i> , 2019, 9, 3965.	3.3	66
166	Comparative Gene-Expression Analysis of Alzheimer's Disease Progression with Aging in Transgenic Mouse Model. <i>International Journal of Molecular Sciences</i> , 2019, 20, 1219.	4.1	10
167	Opportunities and challenges for the use of induced pluripotent stem cells in modelling neurodegenerative disease. <i>Open Biology</i> , 2019, 9, 180177.	3.6	59
168	Randomized Trial of Verubecestat for Prodromal Alzheimer's Disease. <i>New England Journal of Medicine</i> , 2019, 380, 1408-1420.	27.0	397
169	Oral health care for patients with Alzheimer's disease: An update. <i>Special Care in Dentistry</i> , 2019, 39, 262-273.	0.8	42
170	The New Application of UHPLC-DAD-TOF/MS in Identification of Inhibitors on β -Amyloid Fibrillation From <i>Scutellaria baicalensis</i> . <i>Frontiers in Pharmacology</i> , 2019, 10, 194.	3.5	16
171	The Role of Vitamin E in Aging and Alzheimer's Disease. , 2019, , 325-344.		1
172	Increased Secondary Nucleation Underlies Accelerated Aggregation of the Four-Residue N-Terminally Truncated $A\beta_{42}$ Species $A\beta_{5-42}$. <i>ACS Chemical Neuroscience</i> , 2019, 10, 2374-2384.	3.5	16
173	Harnessing Intramolecular Rotation To Enhance Two-photon Imaging of $A\beta$ Plaques through Minimizing Background Fluorescence. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 5648-5652.	13.8	71
174	Cerebrospinal fluid biomarkers for understanding multiple aspects of Alzheimer's disease pathogenesis. <i>Cellular and Molecular Life Sciences</i> , 2019, 76, 1833-1863.	5.4	75
175	A study of within-subject reliability of the brain's default-mode network. <i>Magnetic Resonance Materials in Physics, Biology, and Medicine</i> , 2019, 32, 391-405.	2.0	10
176	Fresh evidence for major brain gangliosides as a target for the treatment of Alzheimer's disease. <i>Neurobiology of Aging</i> , 2019, 77, 128-143.	3.1	28
177	A New Vision for Therapeutic Hypothermia in the Era of Targeted Temperature Management: A Speculative Synthesis. <i>Therapeutic Hypothermia and Temperature Management</i> , 2019, 9, 13-47.	0.9	55
178	Harnessing Intramolecular Rotation To Enhance Two-photon Imaging of $A\beta$ Plaques through Minimizing Background Fluorescence. <i>Angewandte Chemie</i> , 2019, 131, 5704-5708.	2.0	17
179	Anthocyanins from <i>Lycium ruthenicum</i> Murr. Ameliorated Galactose-Induced Memory Impairment, Oxidative Stress, and Neuroinflammation in Adult Rats. <i>Journal of Agricultural and Food Chemistry</i> , 2019, 67, 3140-3149.	5.2	79
180	Rapamycin regulates cholesterol biosynthesis and cytoplasmic ribosomal proteins in hippocampus and temporal lobe of APP/PS1 mouse. <i>Journal of the Neurological Sciences</i> , 2019, 399, 125-139.	0.6	13
181	Novel model of secreted human tau protein reveals the impact of the abnormal N-glycosylation of tau on its aggregation propensity. <i>Scientific Reports</i> , 2019, 9, 2254.	3.3	26

#	ARTICLE	IF	CITATIONS
182	Astrocytes in Neuropathologies Affecting the Frontal Cortex. <i>Frontiers in Cellular Neuroscience</i> , 2019, 13, 44.	3.7	24
183	Molecular interaction of investigational ligands with human brain acetylcholinesterase. <i>Journal of Cellular Biochemistry</i> , 2019, 120, 11820-11830.	2.6	6
184	The Role of Biomarkers in Alzheimer's Disease Drug Development. <i>Advances in Experimental Medicine and Biology</i> , 2019, 1118, 29-61.	1.6	84
185	Genetic Risk Factors for Alzheimer Disease: Emerging Roles of Microglia in Disease Pathomechanisms. <i>Advances in Experimental Medicine and Biology</i> , 2019, 1118, 83-116.	1.6	34
186	Frontiers in Probing Alzheimer's Disease Biomarkers with Fluorescent Small Molecules. <i>ACS Central Science</i> , 2019, 5, 209-217.	11.3	72
187	Metabolic Syndrome and Its Biomarkers in the Development and Progression of Alzheimer's Disease and Other Dementias. , 2019, , .		0
188	A Novel Microtubule-Binding Drug Attenuates and Reverses Protein Aggregation in Animal Models of Alzheimer's Disease. <i>Frontiers in Molecular Neuroscience</i> , 2019, 12, 310.	2.9	15
189	Unravelling the mechanism of amyloid- β peptide oligomerization and fibrillation at chiral interfaces. <i>Chemical Communications</i> , 2019, 55, 13725-13728.	4.1	13
190	Autophagy protein NRB2 has reduced expression in Alzheimer's brains and modulates memory and amyloid-beta homeostasis in mice. <i>Molecular Neurodegeneration</i> , 2019, 14, 43.	10.8	63
191	Hedgehog Signal and Genetic Disorders. <i>Frontiers in Genetics</i> , 2019, 10, 1103.	2.3	96
192	Fluid biomarker-based molecular phenotyping of Alzheimer's disease patients in research and clinical settings. <i>Progress in Molecular Biology and Translational Science</i> , 2019, 168, 3-23.	1.7	28
193	Oxidative Stress, DNA Damage and Repair Pathways in Patients with Type 2 Diabetes Mellitus. , 0, , .		1
194	Biased M ₁ receptor-positive allosteric modulators reveal role of phospholipase D in M ₁ -dependent rodent cortical plasticity. <i>Science Signaling</i> , 2019, 12, .	3.6	9
195	Nanomaterials towards Biosensing of Alzheimer's Disease Biomarkers. <i>Nanomaterials</i> , 2019, 9, 1663.	4.1	54
196	Therapeutic Applications of Cysteamine and Cystamine in Neurodegenerative and Neuropsychiatric Diseases. <i>Frontiers in Neurology</i> , 2019, 10, 1315.	2.4	46
197	Characterization of Blood Surrogate Immune-Methylation Biomarkers for Immune Cell Infiltration in Chronic Inflammatory Disorders. <i>Frontiers in Genetics</i> , 2019, 10, 1229.	2.3	8
198	Therapeutic Potential of the Hsp90/Cdc37 Interaction in Neurodegenerative Diseases. <i>Frontiers in Neuroscience</i> , 2019, 13, 1263.	2.8	17
199	A Network Pharmacology Approach to Reveal the Underlying Mechanisms of <i>Paeonia lactiflora</i> Pall. On the Treatment of Alzheimer's Disease. <i>Evidence-based Complementary and Alternative Medicine</i> , 2019, 2019, 1-12.	1.2	23

#	ARTICLE	IF	CITATIONS
200	HHV-6A infection induces amyloid-beta expression and activation of microglial cells. <i>Alzheimer's Research and Therapy</i> , 2019, 11, 104.	6.2	48
201	Vascular retinal biomarkers improves the detection of the likely cerebral amyloid status from hyperspectral retinal images. <i>Alzheimer's and Dementia: Translational Research and Clinical Interventions</i> , 2019, 5, 610-617.	3.7	32
202	The NLRP3 inflammasome: a new player in neurological diseases. <i>Turkish Journal of Biology</i> , 2019, 43, 349-359.	0.8	31
203	Neural tissue microphysiological systems in the era of patient-derived pluripotent stem cells. , 2019, , 249-296.		3
204	Highly potent and selective aryl-1,2,3-triazolyl benzylpiperidine inhibitors toward butyrylcholinesterase in Alzheimer's disease. <i>Bioorganic and Medicinal Chemistry</i> , 2019, 27, 931-943.	3.0	29
205	Alzheimer's Disease Clinical Trials: Moving Toward Successful Prevention. <i>CNS Drugs</i> , 2019, 33, 99-106.	5.9	33
206	Proteomic analysis of protein homeostasis and aggregation. <i>Journal of Proteomics</i> , 2019, 198, 98-112.	2.4	30
207	MoO ₃ ·x nanodots with dual enzyme mimic activities as multifunctional modulators for amyloid assembly and neurotoxicity. <i>Journal of Colloid and Interface Science</i> , 2019, 539, 575-584.	9.4	30
208	Comprehensive review of mechanisms of pathogenesis involved in Alzheimer's disease and potential therapeutic strategies. <i>Progress in Neurobiology</i> , 2019, 174, 53-89.	5.7	223
209	Identification and Microbial Production of the Raspberry Phenol Salidroside that Is Active against Huntington's Disease. <i>Plant Physiology</i> , 2019, 179, 969-985.	4.8	28
210	Implications of Successful Symptomatic Treatment in Parkinson's Disease for Therapeutic Strategies of Alzheimer's Disease. <i>ACS Chemical Neuroscience</i> , 2019, 10, 922-930.	3.5	6
211	Mass spectrometry: A platform for biomarker discovery and validation for Alzheimer's and Parkinson's diseases. <i>Journal of Neurochemistry</i> , 2019, 151, 397-416.	3.9	34
212	Pathological Impacts of Chronic Hypoxia on Alzheimer's Disease. <i>ACS Chemical Neuroscience</i> , 2019, 10, 902-909.	3.5	53
213	The Anti-amyloid Compound DO1 Decreases Plaque Pathology and Neuroinflammation-Related Expression Changes in 5xFAD Transgenic Mice. <i>Cell Chemical Biology</i> , 2019, 26, 109-120.e7.	5.2	8
214	Potential Effects of Aspirin on Lysosomal Biogenesis and Amyloid- β Clearance: An Old Drug and Novel Insights in Alzheimer's Disease Therapy. <i>Journal of Neuroscience</i> , 2019, 39, 197-198.	3.6	5
215	Crashing the computer: apoptosis vs. necroptosis in neuroinflammation. <i>Cell Death and Differentiation</i> , 2019, 26, 41-52.	11.2	97
216	New tricks for an old dog: A repurposing approach of apomorphine. <i>European Journal of Pharmacology</i> , 2019, 843, 66-79.	3.5	15
217	Classics in Chemical Neuroscience: Donepezil. <i>ACS Chemical Neuroscience</i> , 2019, 10, 155-167.	3.5	37

#	ARTICLE	IF	CITATIONS
218	Sleep and circadian rhythm disruption and stress intersect in Alzheimer's disease. <i>Neurobiology of Stress</i> , 2019, 10, 100133.	4.0	41
219	Tau Tubulin Kinase 1 (TTBK1), a new player in the fight against neurodegenerative diseases. <i>European Journal of Medicinal Chemistry</i> , 2019, 161, 39-47.	5.5	29
220	Ethical issues in susceptibility genetic testing for late-onset neurodegenerative diseases. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , 2019, 180, 609-621.	1.7	11
221	Identification of evolutionarily conserved gene networks mediating neurodegenerative dementia. <i>Nature Medicine</i> , 2019, 25, 152-164.	30.7	111
222	Role of phosphatidylcholine-DHA in preventing APOE4-associated Alzheimer's disease. <i>FASEB Journal</i> , 2019, 33, 1554-1564.	0.5	66
223	The protective role of endogenous n-3 polyunsaturated fatty acids in <i>Tau</i> Alzheimer's disease mouse model. <i>International Journal of Neuroscience</i> , 2019, 129, 325-336.	1.6	10
224	Redox Mechanisms in Neurodegeneration: From Disease Outcomes to Therapeutic Opportunities. <i>Antioxidants and Redox Signaling</i> , 2019, 30, 1450-1499.	5.4	90
225	Discovery of new potential triplet acting inhibitor for Alzheimer's disease via X-ray crystallography, molecular docking and molecular dynamics. <i>Journal of Biomolecular Structure and Dynamics</i> , 2020, 38, 1903-1917.	3.5	8
226	Improvements of symptoms of Alzheimer's disease by inhibition of the angiotensin system. <i>Pharmacological Research</i> , 2020, 154, 104230.	7.1	37
227	Brain Protein Synthesis Rates in the UM-HET3 Mouse Following Treatment With Rapamycin or Rapamycin With Metformin. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2020, 75, 40-49.	3.6	17
228	Propagation of Tau Pathology: Integrating Insights From Postmortem and In Vivo Studies. <i>Biological Psychiatry</i> , 2020, 87, 808-818.	1.3	50
229	A novel chalcone derivative as Nrf2 activator attenuates learning and memory impairment in a scopolamine-induced mouse model. <i>European Journal of Medicinal Chemistry</i> , 2020, 185, 111777.	5.5	22
230	Mitochondrial interactions influence Alzheimer's disease risk. <i>Neurobiology of Aging</i> , 2020, 87, 138.e7-138.e14.	3.1	19
231	Assessment of evidence for or against contributions of Chlamydia pneumoniae infections to Alzheimer's disease etiology. <i>Brain, Behavior, and Immunity</i> , 2020, 83, 22-32.	4.1	18
232	The Molecular Misreading of APP and UBB Induces a Humoral Immune Response in Alzheimer's Disease Patients with Diagnostic Ability. <i>Molecular Neurobiology</i> , 2020, 57, 1009-1020.	4.0	15
233	Bidirectional relationship between sleep and Alzheimer's disease: role of amyloid, tau, and other factors. <i>Neuropsychopharmacology</i> , 2020, 45, 104-120.	5.4	280
234	Transfer of a healthy microbiota reduces amyloid and tau pathology in an Alzheimer's disease animal model. <i>Gut</i> , 2020, 69, 283-294.	12.1	336
235	Mechanisms of secretion and spreading of pathological tau protein. <i>Cellular and Molecular Life Sciences</i> , 2020, 77, 1721-1744.	5.4	174

#	ARTICLE	IF	CITATIONS
236	N-terminal tau truncation in the pathogenesis of Alzheimer's disease (AD): Developing a novel diagnostic and therapeutic approach. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2020, 1866, 165584.	3.8	22
237	A 20-Year Journey from Axonal Injury to Neurodegenerative Diseases and the Prospect of Immunotherapy for Combating Alzheimer's Disease. <i>Journal of Immunology</i> , 2020, 204, 243-250.	0.8	26
238	Biosensors on the road to early diagnostic and surveillance of Alzheimer's disease. <i>Talanta</i> , 2020, 211, 120700.	5.5	36
239	Development of potent reversible selective inhibitors of butyrylcholinesterase as fluorescent probes. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2020, 35, 498-505.	5.2	16
240	Genetic testing for Alzheimer's disease: trends, challenges and ethical considerations. <i>Current Opinion in Psychiatry</i> , 2020, 33, 136-140.	6.3	10
241	CGA restrains the apoptosis of A β ₂₅₋₃₅ -induced hippocampal neurons. <i>International Journal of Neuroscience</i> , 2020, 130, 700-707.	1.6	20
242	A Phase I Study to Assess the Effect of Speed of Injection on Pain, Tolerability, and Pharmacokinetics After High-volume Subcutaneous Administration of Gantenerumab in Healthy Volunteers. <i>Clinical Therapeutics</i> , 2020, 42, 108-120.e1.	2.5	24
243	Glycan biomarkers for Alzheimer disease correlate with T α and P α in cerebrospinal fluid in subjective cognitive impairment. <i>FEBS Journal</i> , 2020, 287, 3221-3234.	4.7	36
244	Phosphorylation Signaling in APP Processing in Alzheimer's Disease. <i>International Journal of Molecular Sciences</i> , 2020, 21, 209.	4.1	51
245	Metal homeostasis disturbances in neurodegenerative disorders, with special emphasis on Creutzfeldt-Jakob disease – Potential pathogenetic mechanism and therapeutic implications. , 2020, 207, 107455.		7
246	Mononuclear coordination compounds containing a pyrazole-based ligand: Syntheses, magnetism and acetylcholinesterase inhibition assays. <i>Journal of Molecular Structure</i> , 2020, 1205, 127564.	3.6	9
247	Binding and Reactivity of Copper to R ₁ and R ₃ Fragments of tau Protein. <i>Inorganic Chemistry</i> , 2020, 59, 274-286.	4.0	33
248	Nanoscope Insights of Amphiphilic Peptide against the Oligomer Assembly Process to Treat Huntington's Disease. <i>Advanced Science</i> , 2020, 7, 1901165.	11.2	12
249	A high-sucrose diet aggravates Alzheimer's disease pathology, attenuates hypothalamic leptin signaling, and impairs food-anticipatory activity in APP ^{swe} /PS1 ^{dE9} mice. <i>Neurobiology of Aging</i> , 2020, 90, 60-74.	3.1	28
250	Efficacy and Safety of Lanabecestat for Treatment of Early and Mild Alzheimer Disease. <i>JAMA Neurology</i> , 2020, 77, 199.	9.0	123
251	Genistein protects against amyloid β -induced toxicity in SH-SY5Y cells by regulation of Akt and Tau phosphorylation. <i>Phytotherapy Research</i> , 2020, 34, 796-807.	5.8	33
252	Peripherally derived angiotensin converting enzyme-enhanced macrophages alleviate Alzheimer-related disease. <i>Brain</i> , 2020, 143, 336-358.	7.6	52
253	A novel fluorescent protein chromophore analogue to simultaneously probe lysosome viscosity and β -amyloid fibrils. <i>Sensors and Actuators B: Chemical</i> , 2020, 305, 127509.	7.8	32

#	ARTICLE	IF	CITATIONS
254	A Review of the Brain-Gut-Microbiome Axis and the Potential Role of Microbiota in Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2020, 73, 849-865.	2.6	67
255	Interrelationship between Alzheimer's disease and cardiac dysfunction: the brain–heart continuum?. <i>Acta Biochimica Et Biophysica Sinica</i> , 2020, 52, 1-8.	2.0	38
256	NAD ⁺ metabolism: pathophysiologic mechanisms and therapeutic potential. <i>Signal Transduction and Targeted Therapy</i> , 2020, 5, 227.	17.1	386
257	Structure-activity relationship study of tryptophan-based butyrylcholinesterase inhibitors. <i>European Journal of Medicinal Chemistry</i> , 2020, 208, 112766.	5.5	17
258	Weaker Braking Force, A New Marker of Worse Gait Stability in Alzheimer Disease. <i>Frontiers in Aging Neuroscience</i> , 2020, 12, 554168.	3.4	6
259	Marine n-3 polyunsaturated fatty acids: Efficacy on inflammatory-based disorders. <i>Life Sciences</i> , 2020, 263, 118591.	4.3	15
260	Cilia interactome with predicted protein–protein interactions reveals connections to Alzheimer's disease, aging and other neuropsychiatric processes. <i>Scientific Reports</i> , 2020, 10, 15629.	3.3	34
261	Gangliosides in the Brain: Physiology, Pathophysiology and Therapeutic Applications. <i>Frontiers in Neuroscience</i> , 2020, 14, 572965.	2.8	150
262	Blood-Brain Barrier Permeable Chitosan Oligosaccharides Interfere with β -Amyloid Aggregation and Alleviate β -Amyloid Protein Mediated Neurotoxicity and Neuroinflammation in a Dose- and Degree of Polymerization-Dependent Manner. <i>Marine Drugs</i> , 2020, 18, 488.	4.6	25
263	Review of beneficial effects of resveratrol in neurodegenerative diseases such as Alzheimer's disease. <i>Advances in Medical Sciences</i> , 2020, 65, 415-423.	2.1	33
264	Bioactive Polysaccharides from Seaweeds. <i>Molecules</i> , 2020, 25, 3152.	3.8	106
265	Plasma metabolites associated with biomarker evidence of neurodegeneration in cognitively normal older adults. <i>Journal of Neurochemistry</i> , 2021, 159, 389-402.	3.9	20
266	Alzheimer's disease drug development pipeline: 2020. <i>Alzheimer's and Dementia: Translational Research and Clinical Interventions</i> , 2020, 6, e12050.	3.7	353
267	Safety, Tolerability, and Pharmacokinetics of Crenezumab in Patients with Mild-to-Moderate Alzheimer's Disease Treated with Escalating Doses for up to 133 Weeks. <i>Journal of Alzheimer's Disease</i> , 2020, 76, 967-979.	2.6	36
268	Understanding Abnormal SMO-SHH Signaling in Autism Spectrum Disorder: Potential Drug Target and Therapeutic Goals. <i>Cellular and Molecular Neurobiology</i> , 2022, 42, 931-953.	3.3	20
269	Fluid Candidate Biomarkers for Alzheimer's Disease: A Precision Medicine Approach. <i>Journal of Personalized Medicine</i> , 2020, 10, 221.	2.5	20
270	The Anti-Neuroinflammatory Role of Anthocyanins and Their Metabolites for the Prevention and Treatment of Brain Disorders. <i>International Journal of Molecular Sciences</i> , 2020, 21, 8653.	4.1	50
271	Epigenetic basis of Alzheimer disease. <i>World Journal of Biological Chemistry</i> , 2020, 11, 62-75.	4.3	20

#	ARTICLE	IF	CITATIONS
272	Sigma-2 Receptor—A Potential Target for Cancer/Alzheimer's Disease Treatment via Its Regulation of Cholesterol Homeostasis. <i>Molecules</i> , 2020, 25, 5439.	3.8	21
273	Nanobiosensors for Non-Amyloid-beta-Tau Biomarkers as Advanced Reporters of Alzheimer's Disease. <i>Diagnostics</i> , 2020, 10, 913.	2.6	1
274	The Dichotomous Role of Extracellular Vesicles in the Central Nervous System. <i>IScience</i> , 2020, 23, 101456.	4.1	22
275	Sinapic Acid Alleviates Oxidative Stress and Neuro-Inflammatory Changes in Sporadic Model of Alzheimer's Disease in Rats. <i>Brain Sciences</i> , 2020, 10, 923.	2.3	33
276	Saffron for mild cognitive impairment and dementia: a systematic review and meta-analysis of randomised clinical trials. <i>BMC Complementary Medicine and Therapies</i> , 2020, 20, 333.	2.7	19
277	Tip60 protects against amyloid- β -induced transcriptomic alterations via different modes of action in early versus late stages of neurodegeneration. <i>Molecular and Cellular Neurosciences</i> , 2020, 109, 103570.	2.2	8
278	Selection of mutant α -plasmin for amyloid- β cleavage in vivo. <i>Scientific Reports</i> , 2020, 10, 12117.	3.3	4
279	Hydroxycinnamic Acid from Corn-cob and Its Structural Analogues Inhibit $A\beta$ 40 Fibrillation and Attenuate $A\beta$ 40-Induced Cytotoxicity. <i>Journal of Agricultural and Food Chemistry</i> , 2020, 68, 8788-8796.	5.2	11
280	Pharmacophore-based virtual screening and molecular docking to identify promising dual inhibitors of human acetylcholinesterase and butyrylcholinesterase. <i>Journal of Biomolecular Structure and Dynamics</i> , 2021, 39, 6021-6030.	3.5	35
281	Circulating MicroRNA Profile Associated with Obstructive Sleep Apnea in Alzheimer's Disease. <i>Molecular Neurobiology</i> , 2020, 57, 4363-4372.	4.0	10
282	Circadian alterations in patients with neurodegenerative diseases: Neuropathological basis of underlying network mechanisms. <i>Neurobiology of Disease</i> , 2020, 144, 105029.	4.4	28
283	Genome-wide transcriptome analysis identifies novel dysregulated genes implicated in Alzheimer's pathology. <i>Alzheimer's and Dementia</i> , 2020, 16, 1213-1223.	0.8	23
284	Neuropathological assessment of the Alzheimer spectrum. <i>Journal of Neural Transmission</i> , 2020, 127, 1229-1256.	2.8	34
285	Mitochondrial Dysfunction, Oxidative Stress, and Neuroinflammation: Intertwined Roads to Neurodegeneration. <i>Antioxidants</i> , 2020, 9, 647.	5.1	159
286	Multifunctional roles of zinc in Alzheimer's disease. <i>NeuroToxicology</i> , 2020, 80, 112-123.	3.0	40
287	The S100B Alarmin Is a Dual-Function Chaperone Suppressing Amyloid- β Oligomerization through Combined Zinc Chelation and Inhibition of Protein Aggregation. <i>ACS Chemical Neuroscience</i> , 2020, 11, 2753-2760.	3.5	16
288	Design of Curcumin and Flavonoid Derivatives with Acetylcholinesterase and Beta-Secretase Inhibitory Activities Using in Silico Approaches. <i>Molecules</i> , 2020, 25, 3644.	3.8	22
289	The Important Role of Perituberal Tissue in Epileptic Patients with Tuberous Sclerosis Complex by the Transcriptome Analysis. <i>BioMed Research International</i> , 2020, 2020, 1-11.	1.9	1

#	ARTICLE	IF	CITATIONS
290	Alzheimer's Disease as a Result of Stimulus Reduction in a GABA-A-Deficient Brain: A Neurocomputational Model. <i>Neural Plasticity</i> , 2020, 2020, 1-26.	2.2	3
291	Retinal Functional and Structural Changes in the 5xFAD Mouse Model of Alzheimer's Disease. <i>Frontiers in Neuroscience</i> , 2020, 14, 862.	2.8	32
292	Gabapentin Inhibits Multiple Steps in the Amyloid Beta Toxicity Cascade. <i>ACS Chemical Neuroscience</i> , 2020, 11, 3064-3076.	3.5	8
293	Klotho overexpression improves amyloid- β clearance and cognition in the APP/PS1 mouse model of Alzheimer's disease. <i>Aging Cell</i> , 2020, 19, e13239.	6.7	51
294	Early ovarian ageing: is a low number of oocytes harvested in young women associated with an earlier and increased risk of age-related diseases?. <i>Human Reproduction</i> , 2020, 35, 2375-2390.	0.9	11
295	Systems pharmacology-based approach to investigate the mechanisms of Danggui-Shaoyao-san prescription for treatment of Alzheimer's disease. <i>BMC Complementary Medicine and Therapies</i> , 2020, 20, 282.	2.7	18
296	Fronodoside A Attenuates Amyloid- β Proteotoxicity in Transgenic <i>Caenorhabditis elegans</i> by Suppressing Its Formation. <i>Frontiers in Pharmacology</i> , 2020, 11, 553579.	3.5	17
297	Proteomic Profiling of Extracellular Vesicles Derived from Cerebrospinal Fluid of Alzheimer's Disease Patients: A Pilot Study. <i>Cells</i> , 2020, 9, 1959.	4.1	75
298	Gene-Editing Technologies Paired With Viral Vectors for Translational Research Into Neurodegenerative Diseases. <i>Frontiers in Molecular Neuroscience</i> , 2020, 13, 148.	2.9	20
299	Repurposed agents in the Alzheimer's disease drug development pipeline. <i>Alzheimer's Research and Therapy</i> , 2020, 12, 98.	6.2	45
300	Human Neural Stem Cell Systems to Explore Pathogen-Related Neurodevelopmental and Neurodegenerative Disorders. <i>Cells</i> , 2020, 9, 1893.	4.1	11
301	Ferroptosis: Biological Rust of Lipid Membranes. <i>Antioxidants and Redox Signaling</i> , 2021, 35, 487-509.	5.4	42
302	Cotinine and 6-Hydroxy-L-Nicotine Reverses Memory Deficits and Reduces Oxidative Stress in A β 25-35-Induced Rat Model of Alzheimer's Disease. <i>Antioxidants</i> , 2020, 9, 768.	5.1	17
303	Pseudoginsenoside-F11 attenuates cognitive dysfunction and tau phosphorylation in sporadic Alzheimer's disease rat model. <i>Acta Pharmacologica Sinica</i> , 2021, 42, 1401-1408.	6.1	16
304	Mutational analysis in familial Alzheimer's disease of Han Chinese in Taiwan with a predominant mutation PSEN1 p.Met146Ile. <i>Scientific Reports</i> , 2020, 10, 19769.	3.3	7
305	The association between herpes simplex virus type 1 infection and Alzheimer's disease. <i>Journal of Clinical Neuroscience</i> , 2020, 82, 63-70.	1.5	7
306	Low Cerebrospinal Fluid Levels of Hemopexin Are Associated With Increased Alzheimer's Pathology, Hippocampal Hypometabolism, and Cognitive Decline. <i>Frontiers in Molecular Biosciences</i> , 2020, 7, 590979.	3.5	7
307	Acceptance and self-reported use of a dementia care toolbox by general practice personal: results from an intervention study in German practices. <i>BMC Family Practice</i> , 2020, 21, 264.	2.9	1

#	ARTICLE	IF	CITATIONS
308	Cell Type-Specific Annotation and Fine Mapping of Variants Associated With Brain Disorders. <i>Frontiers in Genetics</i> , 2020, 11, 575928.	2.3	2
309	Pharmacological Strategies to Improve Dendritic Spines in Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2021, 82, S91-S107.	2.6	13
310	Targeting MicroRNA-125b Promotes Neurite Outgrowth but Represses Cell Apoptosis and Inflammation via Blocking PTGS2 and CDK5 in a FOXQ1-Dependent Way in Alzheimer Disease. <i>Frontiers in Cellular Neuroscience</i> , 2020, 14, 587747.	3.7	15
311	Metabolic Profiling of Female Tg2576 Mouse Brains Provides Novel Evidence Supporting Intranasal Low-Dose Pioglitazone for Long-Term Treatment at an Early Stage of Alzheimer's Disease. <i>Biomedicines</i> , 2020, 8, 589.	3.2	13
312	Synthesis, characterization, crystal structures, and the biological evaluation of 2-phenylthiazole derivatives as cholinesterase inhibitors. <i>Journal of Chemical Research</i> , 2021, 45, 572-581.	1.3	2
313	Amyloid-beta uptake by blood monocytes is reduced with ageing and Alzheimer's disease. <i>Translational Psychiatry</i> , 2020, 10, 423.	4.8	35
314	Autosomal dominant early onset Alzheimer's disease in the Mexican state of Jalisco: High frequency of the mutation PSEN1 c. 1292C >A and phenotypic profile of patients. <i>American Journal of Medical Genetics, Part C: Seminars in Medical Genetics</i> , 2020, 184, 1023-1029.	1.6	11
315	The Bidirectional Relationship between Vision and Cognition. <i>Ophthalmology</i> , 2021, 128, 981-992.	5.2	46
316	Vitamin B3-Based Biologically Active Compounds as Inhibitors of Human Cholinesterases. <i>International Journal of Molecular Sciences</i> , 2020, 21, 8088.	4.1	8
317	Blood neurofilament light: a critical review of its application to neurologic disease. <i>Annals of Clinical and Translational Neurology</i> , 2020, 7, 2508-2523.	3.7	132
318	Chronic Sodium Selenate Treatment Restores Deficits in Cognition and Synaptic Plasticity in a Murine Model of Tauopathy. <i>Frontiers in Molecular Neuroscience</i> , 2020, 13, 570223.	2.9	10
319	The combined effects of microglia activation and brain glucose hypometabolism in early-onset Alzheimer's disease. <i>Alzheimer's Research and Therapy</i> , 2020, 12, 50.	6.2	68
320	Plasma pyroglutamate β -modified amyloid beta differentiates amyloid pathology. <i>Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring</i> , 2020, 12, e12029.	2.4	10
321	Persistent Neurovascular Unit Dysfunction: Pathophysiological Substrate and Trigger for Late-Onset Neurodegeneration After Traumatic Brain Injury. <i>Frontiers in Neuroscience</i> , 2020, 14, 581.	2.8	21
322	Life-Course Individual and Neighborhood Socioeconomic Status and Risk of Dementia in the Atherosclerosis Risk in Communities Neurocognitive Study. <i>American Journal of Epidemiology</i> , 2020, 189, 1134-1142.	3.4	31
323	Genetic deletion of TRPA1 receptor attenuates amyloid beta- 1-42 (A β 1-42)-induced neurotoxicity in the mouse basal forebrain in vivo. <i>Mechanisms of Ageing and Development</i> , 2020, 189, 111268.	4.6	10
324	One physical exercise session promotes recognition learning in rats with cognitive deficits related to amyloid beta neurotoxicity. <i>Brain Research</i> , 2020, 1744, 146918.	2.2	9
325	Predictive Potential of Circulating Ube2h mRNA as an E2 Ubiquitin-Conjugating Enzyme for Diagnosis or Treatment of Alzheimer's Disease. <i>International Journal of Molecular Sciences</i> , 2020, 21, 3398.	4.1	18

#	ARTICLE	IF	CITATIONS
326	S100 family proteins in inflammation and beyond. <i>Advances in Clinical Chemistry</i> , 2020, 98, 173-231.	3.7	57
327	The potential roles of deubiquitinating enzymes in brain diseases. <i>Ageing Research Reviews</i> , 2020, 61, 101088.	10.9	37
328	Mn-TAT PTD-Ngb ameliorates inflammation through the elimination of damaged mitochondria and the activation of Nrf2-antioxidant signaling pathway. <i>Biochemical Pharmacology</i> , 2020, 178, 114055.	4.4	8
329	Mass spectrometry imaging of free-floating brain sections detects pathological lipid distribution in a mouse model of Alzheimer's-like pathology. <i>Analyst</i> , 2020, 145, 4595-4605.	3.5	12
330	A Three-Dimensional Alzheimer's Disease Cell Culture Model Using iPSC-Derived Neurons Carrying A246E Mutation in PSEN1. <i>Frontiers in Cellular Neuroscience</i> , 2020, 14, 151.	3.7	25
331	Cerebrospinal Fluid YKL-40 and Neurogranin in Familial Alzheimer's Disease: A Pilot Study. <i>Journal of Alzheimer's Disease</i> , 2020, 76, 941-953.	2.6	9
332	Binding modes of thioflavin T and Congo red to the fibril structure of amyloid- β (1-42). <i>Chemical Communications</i> , 2020, 56, 7589-7592.	4.1	38
333	The human olfactory system in two proteinopathies: Alzheimer's and Parkinson's diseases. <i>Translational Neurodegeneration</i> , 2020, 9, 22.	8.0	62
334	An enzyme-free amplification strategy based on two-photon fluorescent carbon dots for monitoring miR-9 in live neurons and brain tissues of Alzheimer's disease mice. <i>Chemical Communications</i> , 2020, 56, 8083-8086.	4.1	17
335	Hyperbaric oxygen ameliorates cognitive impairment in patients with Alzheimer's disease and amnesic mild cognitive impairment. <i>Alzheimer's and Dementia: Translational Research and Clinical Interventions</i> , 2020, 6, e12030.	3.7	20
336	Translational Scoring of Candidate Treatments for Alzheimer's Disease: A Systematic Approach. <i>Dementia and Geriatric Cognitive Disorders</i> , 2020, 49, 22-37.	1.5	5
337	Therapeutic potential of a TrkB agonistic antibody for Alzheimer's disease. <i>Theranostics</i> , 2020, 10, 6854-6874.	10.0	28
338	Enlightening the advancements in electrochemical bioanalysis for the diagnosis of Alzheimer's disease and other neurodegenerative disorders. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2020, 189, 113437.	2.8	25
339	C-Reactive Protein and Its Structural Isoforms: An Evolutionary Conserved Marker and Central Player in Inflammatory Diseases and Beyond. <i>Sub-Cellular Biochemistry</i> , 2020, 94, 499-520.	2.4	46
340	Conditional Knockout of GLT-1 in Neurons Leads to Alterations in Aspartate Homeostasis and Synaptic Mitochondrial Metabolism in Striatum and Hippocampus. <i>Neurochemical Research</i> , 2020, 45, 1420-1437.	3.3	17
341	Liraglutide Protects Against Brain Amyloid- β 1-42 Accumulation in Female Mice with Early Alzheimer's Disease-Like Pathology by Partially Rescuing Oxidative/Nitrosative Stress and Inflammation. <i>International Journal of Molecular Sciences</i> , 2020, 21, 1746.	4.1	47
342	Perspective: The Potential Role of Circulating Lysophosphatidylcholine in Neuroprotection against Alzheimer Disease. <i>Advances in Nutrition</i> , 2020, 11, 760-772.	6.4	36
343	Complex roles for reactive astrocytes in the triple transgenic mouse model of Alzheimer disease. <i>Neurobiology of Aging</i> , 2020, 90, 135-146.	3.1	23

#	ARTICLE	IF	CITATIONS
344	Extracellular Matrix Proteins Involved in Alzheimer's Disease. Chemistry - A European Journal, 2020, 26, 12101-12110.	3.3	35
345	Cerebrospinal fluid neurofilament light concentration predicts brain atrophy and cognition in Alzheimer's disease. Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring, 2020, 12, e12005.	2.4	35
346	Genetic Association of FERMT2, HLA-DRB1, CD2AP, and PTK2B Polymorphisms With Alzheimer's Disease Risk in the Southern Chinese Population. Frontiers in Aging Neuroscience, 2020, 12, 16.	3.4	18
347	Contributions of DNA Damage to Alzheimer's Disease. International Journal of Molecular Sciences, 2020, 21, 1666.	4.1	60
348	Alzheimer's disease: microglia targets and their modulation to promote amyloid phagocytosis and mitigate neuroinflammation. Expert Opinion on Therapeutic Targets, 2020, 24, 331-344.	3.4	43
349	Alzheimer's disease: A need for personalized therapeutic approaches. Drug Development Research, 2020, 81, 141-143.	2.9	5
350	A transistor-based label-free immunosensor for rapid detection of tau protein. Biosensors and Bioelectronics, 2020, 159, 112129.	10.1	25
351	Feasibility and Efficacy of Intra-Arterial Administration of Embryonic Stem Cell Derived-Mesenchymal Stem Cells in Animal Model of Alzheimer's Disease. Journal of Alzheimer's Disease, 2020, 76, 1281-1296.	2.6	15
352	Biomarker Organization in Circulating Extracellular Vesicles: New Applications in Detecting Neurodegenerative Diseases. Advanced Biology, 2020, 4, e1900309.	3.0	10
353	New BACE1 Chimeric Peptide Inhibitors Selectively Prevent A β PP β Cleavage Decreasing Amyloid- β Production and Accumulation in Alzheimer's Disease Models. Journal of Alzheimer's Disease, 2020, 76, 1317-1337.	2.6	6
354	The involvement of neuronal chloride transporter deficiencies in epilepsy. , 2020, , 329-366.		3
355	Elevation of ACE2 as a SARS-CoV-2 entry receptor gene expression in Alzheimer's disease. Journal of Infection, 2020, 81, e33-e34.	3.3	43
356	Neuroinflammation drives APOE genotype-dependent differential expression of neprilysin. Journal of Neuroimmunology, 2020, 346, 577315.	2.3	7
357	Ameliorative Effects of Rhoifolin in Scopolamine-Induced Amnesic Zebrafish (Danio rerio) Model. Antioxidants, 2020, 9, 580.	5.1	32
358	Molecular chirality mediated amyloid formation on phospholipid surfaces. Chemical Science, 2020, 11, 7369-7378.	7.4	16
359	Accelerated loss of hypoxia response in zebrafish with familial Alzheimer's disease-like mutation of presenilin 1. Human Molecular Genetics, 2020, 29, 2379-2394.	2.9	12
360	Preclinical Alzheimer Disease Drug Development: Early Considerations Based on Phase 3 Clinical Trials. Journal of Managed Care & Specialty Pharmacy, 2020, 26, 888-900.	0.9	6
361	Sorting Out the Role of the Sortilin-Related Receptor 1 in Alzheimer's Disease. Journal of Alzheimer's Disease Reports, 2020, 4, 123-140.	2.2	22

#	ARTICLE	IF	CITATIONS
362	Gold Nanoparticles Crossing Blood-Brain Barrier Prevent HSV-1 Infection and Reduce Herpes Associated Amyloid- β secretion. <i>Journal of Clinical Medicine</i> , 2020, 9, 155.	2.4	25
363	Soluble Epoxide Hydrolase and Brain Cholesterol Metabolism. <i>Frontiers in Molecular Neuroscience</i> , 2019, 12, 325.	2.9	13
364	Exploring the Multi-Target Neuroprotective Chemical Space of Benzofuran Scaffolds: A New Strategy in Drug Development for Alzheimer's Disease. <i>Frontiers in Pharmacology</i> , 2019, 10, 1679.	3.5	14
365	Permutation Entropy and Statistical Complexity in Mild Cognitive Impairment and Alzheimer's Disease: An Analysis Based on Frequency Bands. <i>Entropy</i> , 2020, 22, 116.	2.2	16
366	Sclerotiorin Stabilizes the Assembly of Nonfibrillar A β 42 Oligomers with Low Toxicity, Seeding Activity, and Beta-sheet Content. <i>Journal of Molecular Biology</i> , 2020, 432, 2080-2098.	4.2	12
367	Alzheimer's Disease and Vascular Aging. <i>Journal of the American College of Cardiology</i> , 2020, 75, 942-951.	2.8	197
368	Alzheimer's disease pathology in APOE transgenic mouse models: The Who, What, When, Where, Why, and How. <i>Neurobiology of Disease</i> , 2020, 139, 104811.	4.4	44
369	Neurodegenerative pathways as targets for acquired epilepsy therapy development. <i>Epilepsia Open</i> , 2020, 5, 138-154.	2.4	33
370	Automated White Matter Hyperintensity Segmentation Using Bayesian Model Selection: Assessment and Correlations with Cognitive Change. <i>Neuroinformatics</i> , 2020, 18, 429-449.	2.8	14
371	Metals and amyloid gain-of-toxic mechanisms in neurodegenerative diseases. , 2020, , 181-195.		1
372	Elucidating the Effect of Static Electric Field on Amyloid Beta 1-42 Supramolecular Assembly. <i>Journal of Molecular Graphics and Modelling</i> , 2020, 96, 107535.	2.4	14
373	Rosmarinus officinalis Essential Oil Improves Scopolamine-Induced Neurobehavioral Changes via Restoration of Cholinergic Function and Brain Antioxidant Status in Zebrafish (<i>Danio rerio</i>). <i>Antioxidants</i> , 2020, 9, 62.	5.1	30
374	The effect of fornix deep brain stimulation in brain diseases. <i>Cellular and Molecular Life Sciences</i> , 2020, 77, 3279-3291.	5.4	15
375	Autophagy in Astrocytes and its Implications in Neurodegeneration. <i>Journal of Molecular Biology</i> , 2020, 432, 2605-2621.	4.2	46
376	Reduction of Tet2 exacerbates early stage Alzheimer's pathology and cognitive impairments in 2xTg-AD mice. <i>Human Molecular Genetics</i> , 2020, 29, 1833-1852.	2.9	16
377	High-yield Production of Amyloid- β Peptide Enabled by a Customized Spider Silk Domain. <i>Scientific Reports</i> , 2020, 10, 235.	3.3	45
378	Accelerated brain aging towards transcriptional inversion in a zebrafish model of the K115fs mutation of human PSEN2. <i>PLoS ONE</i> , 2020, 15, e0227258.	2.5	38
379	Vortioxetine administration attenuates cognitive and synaptic deficits in 5xFAD mice. <i>Psychopharmacology</i> , 2020, 237, 1233-1243.	3.1	11

#	ARTICLE	IF	CITATIONS
380	Alzheimer's disease: review of current nanotechnological therapeutic strategies. Expert Review of Neurotherapeutics, 2020, 20, 271-279.	2.8	22
381	Renin-Angiotensin System and Alzheimer's Disease Pathophysiology: From the Potential Interactions to Therapeutic Perspectives. Protein and Peptide Letters, 2020, 27, 484-511.	0.9	25
382	Mosaic loss of human Y chromosome: what, how and why. Human Genetics, 2020, 139, 421-446.	3.8	67
383	Apolipoprotein E and Health in Older Men: The Concord Health and Ageing in Men Project. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2020, 75, 1858-1862.	3.6	3
384	Dual Neutral Sphingomyelinase-2/Acetylcholinesterase Inhibitors for the Treatment of Alzheimer's Disease. ACS Chemical Biology, 2020, 15, 1671-1684.	3.4	17
385	What works and what does not work in Alzheimer's disease? From interventions on risk factors to anti-amyloid trials. Journal of Neurochemistry, 2020, 155, 120-136.	3.9	26
386	Learning from the Past: A Review of Clinical Trials Targeting Amyloid, Tau and Neuroinflammation in Alzheimer's Disease. Current Alzheimer Research, 2020, 17, 112-125.	1.4	40
387	Systems Pharmacology Approach to Investigate the Mechanism of Kai-Xin-San in Alzheimer's Disease. Frontiers in Pharmacology, 2020, 11, 381.	3.5	27
388	Dysfunction of ABC transporters at the blood-brain barrier: Role in neurological disorders. , 2020, 213, 107554.		83
389	Proteomic and biological profiling of extracellular vesicles from Alzheimer's disease human brain tissues. Alzheimer's and Dementia, 2020, 16, 896-907.	0.8	105
390	Acylhydrazones as isoniazid derivatives with multi-target profiles for the treatment of Alzheimer's disease: Radical scavenging, myeloperoxidase/acetylcholinesterase inhibition and biometal chelation. Bioorganic and Medicinal Chemistry, 2020, 28, 115470.	3.0	15
391	Transcranial focused ultrasound, pulsed at 40ÂHz, activates microglia acutely and reduces AÎ² load chronically, as demonstrated inÂvivo. Brain Stimulation, 2020, 13, 1014-1023.	1.6	49
392	N-alkylpiperidine carbamates as potential anti-Alzheimer's agents. European Journal of Medicinal Chemistry, 2020, 197, 112282.	5.5	33
393	Elecsys CSF biomarker immunoassays demonstrate concordance with amyloid-PET imaging. Alzheimer's Research and Therapy, 2020, 12, 36.	6.2	39
394	Low-Dose Radiation Therapy: A New Treatment Strategy for Alzheimer's Disease?. Journal of Alzheimer's Disease, 2020, 74, 411-419.	2.6	21
395	Pharmacotherapy of Alzheimer's Disease: Seeking Clarity in a Time of Uncertainty. Frontiers in Pharmacology, 2020, 11, 261.	3.5	48
396	APOE Îµ4 and cognitive reserve effects on the functional network in the Alzheimer's disease spectrum. Brain Imaging and Behavior, 2021, 15, 758-771.	2.1	11
397	Apolipoprotein E4 and meningeal lymphatics in Alzheimer disease: a conceptual framework. Molecular Psychiatry, 2021, 26, 1075-1097.	7.9	42

#	ARTICLE	IF	CITATIONS
398	Melatonin effects on EEG activity during non-rapid eye movement sleep in mild-to-moderate Alzheimer's disease: a pilot study. <i>International Journal of Neuroscience</i> , 2021, 131, 580-590.	1.6	6
399	Mitochondria-Targeted Therapeutics for Alzheimer's Disease: The Good, the Bad, the Potential. <i>Antioxidants and Redox Signaling</i> , 2021, 34, 611-630.	5.4	16
400	PROTACs and Other Chemical Protein Degradation Technologies for the Treatment of Neurodegenerative Disorders. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 3346-3354.	13.8	44
401	PROTACs and Other Chemical Protein Degradation Technologies for the Treatment of Neurodegenerative Disorders. <i>Angewandte Chemie</i> , 2021, 133, 3386-3394.	2.0	3
402	Diagnosis of Alzheimer disease in MR brain images using optimization techniques. <i>Neural Computing and Applications</i> , 2021, 33, 223-237.	5.6	17
403	Decrease in sleep depth is associated with higher cerebrospinal fluid neurofilament light levels in patients with Alzheimer's disease. <i>Sleep</i> , 2021, 44, .	1.1	22
404	Genistein attenuates amyloid-beta-induced cognitive impairment in rats by modulation of hippocampal synaptotoxicity and hyperphosphorylation of Tau. <i>Journal of Nutritional Biochemistry</i> , 2021, 87, 108525.	4.2	27
405	Sigma ligands as potent inhibitors of A β 2 and A β 2Os in neurons and promising therapeutic agents of Alzheimer's disease. <i>Neuropharmacology</i> , 2021, 190, 108342.	4.1	8
406	Thymus involution sets the clock of the aging T-cell landscape: Implications for declined immunity and tissue repair. <i>Ageing Research Reviews</i> , 2021, 65, 101231.	10.9	32
407	TDP-43 proteinopathy impairs mRNP granule mediated postsynaptic translation and mRNA metabolism. <i>Theranostics</i> , 2021, 11, 330-345.	10.0	19
408	Association Between Ambient Air Pollution and Amyloid Positron Emission Tomography Positivity in Older Adults With Cognitive Impairment. <i>JAMA Neurology</i> , 2021, 78, 197.	9.0	54
409	Dual-specificity phosphatases in mental and neurological disorders. <i>Progress in Neurobiology</i> , 2021, 198, 101906.	5.7	19
410	Deficient astrocyte metabolism impairs glutamine synthesis and neurotransmitter homeostasis in a mouse model of Alzheimer's disease. <i>Neurobiology of Disease</i> , 2021, 148, 105198.	4.4	52
411	The impact of the microbiota-gut-brain axis on Alzheimer's disease pathophysiology. <i>Pharmacological Research</i> , 2021, 164, 105314.	7.1	144
412	Genetic defects in the sphingolipid degradation pathway and their effects on microglia in neurodegenerative disease. <i>Cellular Signalling</i> , 2021, 78, 109879.	3.6	16
413	Selective transmembrane transport of A β 2 protein regulated by tryptophan enantiomers. <i>Chemical Communications</i> , 2021, 57, 215-218.	4.1	4
414	The role of peripheral fatty acids as biomarkers for Alzheimer's disease and brain inflammation. <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , 2021, 164, 102205.	2.2	7
415	Cu ²⁺ -binding to S100B triggers polymerization of disulfide cross-linked tetramers with enhanced chaperone activity against amyloid- β 2 aggregation. <i>Chemical Communications</i> , 2021, 57, 379-382.	4.1	6

#	ARTICLE	IF	CITATIONS
416	Drug Development for Psychotropic, Cognitive-Enhancing, and Disease-Modifying Treatments for Alzheimer's Disease. Journal of Neuropsychiatry and Clinical Neurosciences, 2021, 33, 3-13.	1.8	17
417	Identification of Microbiota within A β 2 Plaque in APP/PS1 Transgenic Mouse. Journal of Molecular Neuroscience, 2021, 71, 953-962.	2.3	2
418	Applications of focused ultrasound in the brain: from thermoablation to drug delivery. Nature Reviews Neurology, 2021, 17, 7-22.	10.1	211
419	Abundance of Glycoprotein and Other Drug Transporters at the Human Blood-Brain Barrier in Alzheimer's Disease: A Quantitative Targeted Proteomic Study. Clinical Pharmacology and Therapeutics, 2021, 109, 667-675.	4.7	35
420	Systems-based proteomics to resolve the biology of Alzheimer's disease beyond amyloid and tau. Neuropsychopharmacology, 2021, 46, 98-115.	5.4	70
421	Modified Glutamatergic Postsynapse in Neurodegenerative Disorders. Neuroscience, 2021, 454, 116-139.	2.3	14
422	Regenerative nanomedicine applications for neurodegenerative diseases of central nervous system. , 2021, , 259-287.		1
423	Functional nanoassemblies for the diagnosis and therapy of Alzheimer's diseases. Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology, 2021, 13, e1696.	6.1	3
424	Higher midlife CAIDE score is associated with increased brain atrophy in a cohort of cognitively healthy middle-aged individuals. Journal of Neurology, 2021, 268, 1962-1971.	3.6	7
425	Prevalence of Falls and Fractures in Alzheimer's Patients Compared to General Population. Cureus, 2021, 13, e12923.	0.5	4
426	Amyloid and APOE Status of Screened Subjects in the Elenbecestat MissionAD Phase 3 Program. journal of prevention of Alzheimer's disease, The, 2021, 8, 1-6.	2.7	8
427	Structural MRI of the basal forebrain as predictor of cognitive response to galantamine in healthy older adults: A randomized controlled double-blind crossover study. Alzheimer's and Dementia: Translational Research and Clinical Interventions, 2021, 7, e12153.	3.7	4
428	Circadian and Sleep Dysfunctions in Neurodegenerative Disorders: An Update. Frontiers in Neuroscience, 2020, 14, 627330.	2.8	33
429	New approaches to symptomatic treatments for Alzheimer's disease. Molecular Neurodegeneration, 2021, 16, 2.	10.8	96
430	Hydrogen sulfide is neuroprotective in Alzheimer's disease by sulfhydrating GSK3 β and inhibiting Tau hyperphosphorylation. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	124
431	Disruption of Endoplasmic Reticulum Proteostasis in Age-Related Nervous System Disorders. Progress in Molecular and Subcellular Biology, 2021, 59, 239-278.	1.6	2
432	Intermittent Hypoxic Conditioning Rescues Cognition and Mitochondrial Bioenergetic Profile in the Triple Transgenic Mouse Model of Alzheimer's Disease. International Journal of Molecular Sciences, 2021, 22, 461.	4.1	14
433	Alzheimer's disease neuropathology is exacerbated following traumatic brain injury. Neuroprotection by co-administration of nanowired mesenchymal stem cells and cerebrolysin with monoclonal antibodies to amyloid beta peptide. Progress in Brain Research, 2021, 265, 1-97.	1.4	8

#	ARTICLE	IF	CITATIONS
434	Cannabinoid Receptors and Ligands: Lessons from CNS Disorders and the Quest for Novel Treatment Venues. <i>Advances in Experimental Medicine and Biology</i> , 2021, 1297, 43-64.	1.6	1
435	Learning Transition Times in Event Sequences: The Temporal Event-Based Model of Disease Progression. <i>Lecture Notes in Computer Science</i> , 2021, , 583-595.	1.3	7
436	Differential transcript usage unravels gene expression alterations in Alzheimer's disease human brains. <i>Npj Aging and Mechanisms of Disease</i> , 2021, 7, 2.	4.5	49
437	Molecular Simulations and Alzheimer's Disease. , 2021, , 54-70.		0
438	Abeta CSF LC-MS. <i>Neuromethods</i> , 2021, , 55-69.	0.3	0
439	Identification of vascular dementia and Alzheimer's disease hub genes expressed in the frontal lobe and temporal cortex by weighted co-expression network analysis and construction of a protein-protein interaction. <i>International Journal of Neuroscience</i> , 2022, 132, 1049-1060.	1.6	5
440	AlzGPS: a genome-wide positioning systems platform to catalyze multi-omics for Alzheimer's drug discovery. <i>Alzheimer's Research and Therapy</i> , 2021, 13, 24.	6.2	44
443	Enrichment of Neurodegenerative Microglia Signature in Brain-Derived Extracellular Vesicles Isolated from Alzheimer's Disease Mouse Models. <i>Journal of Proteome Research</i> , 2021, 20, 1733-1743.	3.7	34
444	Interleukin-1 β mediates alterations in mitochondrial fusion/fission proteins and memory impairment induced by amyloid- β oligomers. <i>Journal of Neuroinflammation</i> , 2021, 18, 54.	7.2	40
445	Brain Transcriptome Analysis of a Protein-Truncating Mutation in Sortilin-Related Receptor 1 Associated With Early-Onset Familial Alzheimer's Disease Indicates Early Effects on Mitochondrial and Ribosome Function. <i>Journal of Alzheimer's Disease</i> , 2021, 79, 1105-1119.	2.6	9
446	In vitro Models of the Blood-Brain Barrier: Tools in Translational Medicine. <i>Frontiers in Medical Technology</i> , 2020, 2, 623950.	2.5	43
448	Gut Inflammation Induced by Dextran Sulfate Sodium Exacerbates Amyloid- β Plaque Deposition in the AppNL-GF Mouse Model of Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2021, 79, 1235-1255.	2.6	15
449	Boldine Attenuates Synaptic Failure and Mitochondrial Deregulation in Cellular Models of Alzheimer's Disease. <i>Frontiers in Neuroscience</i> , 2021, 15, 617821.	2.8	6
450	APOE- ϵ 4 Carrier Status and Gut Microbiota Dysbiosis in Patients With Alzheimer Disease. <i>Frontiers in Neuroscience</i> , 2021, 15, 619051.	2.8	30
451	Patient-derived iPSCs, a reliable <i>in vitro</i> model for the investigation of Alzheimer's disease. <i>Reviews in the Neurosciences</i> , 2021, 32, 379-402.	2.9	5
452	Kinase Signaling in Dendritic Development and Disease. <i>Frontiers in Cellular Neuroscience</i> , 2021, 15, 624648.	3.7	18
453	PICALM mRNA Expression in the Blood of Patients with Neurodegenerative Diseases and Geriatric Depression. <i>Journal of Alzheimer's Disease</i> , 2021, 79, 1055-1062.	2.6	14
454	Protein Expression of Angiotensin-Converting Enzyme 2 (ACE2) is Upregulated in Brains with Alzheimer's Disease. <i>International Journal of Molecular Sciences</i> , 2021, 22, 1687.	4.1	61

#	ARTICLE	IF	CITATIONS
455	ONOPinceraType CoumarinBased Copper(II) Metalates: Effect on Alzheimer's Disease Pathologies in <i>Caenorhabditis elegans</i> . European Journal of Inorganic Chemistry, 2021, 2021, 1383-1396.	2.0	6
456	Synthesis and Initial Characterization of a Reversible, Selective 18F-Labeled Radiotracer for Human Butyrylcholinesterase. Molecular Imaging and Biology, 2021, 23, 505-515.	2.6	4
457	Amyloid- β^2 and tau aggregation dual-inhibitors: A synthetic and structure-activity relationship focused review. European Journal of Medicinal Chemistry, 2021, 214, 113209.	5.5	33
458	Nanomarker for Early Detection of Alzheimer's Disease Combining Ab initio DFT Simulations and Molecular Docking Approach. Biophysica, 2021, 1, 76-86.	1.4	4
459	Genetic testing in dementiaA medical genetics perspective. International Journal of Geriatric Psychiatry, 2021, 36, 1158-1170.	2.7	9
460	Genetic Variability in Molecular Pathways Implicated in Alzheimer's Disease: A Comprehensive Review. Frontiers in Aging Neuroscience, 2021, 13, 646901.	3.4	16
462	Neuroprotective Roles of the Reverse Transsulfuration Pathway in Alzheimer's Disease. Frontiers in Aging Neuroscience, 2021, 13, 659402.	3.4	25
463	Transcriptome analyses of 7-day-old zebrafish larvae possessing a familial Alzheimer's disease-like mutation in <i>psen1</i> indicate effects on oxidative phosphorylation, ECM and MCM functions, and iron homeostasis. BMC Genomics, 2021, 22, 211.	2.8	8
464	Dysfunction of the SNARE complex in neurological and psychiatric disorders. Pharmacological Research, 2021, 165, 105469.	7.1	21
465	Modulating neuroinflammation in neurodegeneration-related dementia: can microglial toll-like receptors pull the plug?. Metabolic Brain Disease, 2021, 36, 829-847.	2.9	7
466	Secreted Extracellular Vesicle Molecular Cargo as a Novel Liquid Biopsy Diagnostics of Central Nervous System Diseases. International Journal of Molecular Sciences, 2021, 22, 3267.	4.1	13
467	The seed oil of <i>Paeonia ludlowii</i> ameliorates A β^{25-35} -induced Alzheimer's disease in rats. Food Science and Nutrition, 2021, 9, 2402-2413.	3.4	6
468	The Path to Progress Preclinical Studies of Age-Related Neurodegenerative Diseases: A Perspective on Rodent and hiPSC-Derived Models. Molecular Therapy, 2021, 29, 949-972.	8.2	10
469	Antinörodegeneratif 5-s $\frac{1}{4}$ bstit $\frac{1}{4}$ e 2,4-tiyazolidindion T $\frac{1}{4}$ revlerinin Kuantum Kimyasal Äncelemesi. Erzincan Äeniversitesi Fen Bilimleri Enstit $\frac{1}{4}$ s $\frac{1}{4}$ Dergisi, 0, , .	0.2	0
470	Glucosamine and Its Analogues as Modulators of Amyloid- β^2 Toxicity. ACS Medicinal Chemistry Letters, 2021, 12, 548-554.	2.8	3
471	Physical Exercise and Alzheimer's Disease: Effects on Pathophysiological Molecular Pathways of the Disease. International Journal of Molecular Sciences, 2021, 22, 2897.	4.1	30
472	Viral Involvement in Alzheimer's Disease. ACS Chemical Neuroscience, 2021, 12, 1049-1060.	3.5	38
473	Culture Variabilities of Human iPSC-Derived Cerebral Organoids Are a Major Issue for the Modelling of Phenotypes Observed in Alzheimer's Disease. Stem Cell Reviews and Reports, 2022, 18, 718-731.	3.8	40

#	ARTICLE	IF	CITATIONS
474	Increased MANF Expression in the Inferior Temporal Gyrus in Patients With Alzheimer Disease. <i>Frontiers in Aging Neuroscience</i> , 2021, 13, 639318.	3.4	8
475	Advances in Proteomics Allow Insights Into Neuronal Proteomes. <i>Frontiers in Molecular Neuroscience</i> , 2021, 14, 647451.	2.9	8
476	Phenotyping Neuropsychiatric Symptoms Profiles of Alzheimer's Disease Using Cluster Analysis on EEG Power. <i>Frontiers in Aging Neuroscience</i> , 2021, 13, 623930.	3.4	4
477	Neuregulins in Neurodegenerative Diseases. <i>Frontiers in Aging Neuroscience</i> , 2021, 13, 662474.	3.4	37
478	The Effect of Annexin A1 as a Potential New Therapeutic Target on Neuronal Damage by Activated Microglia. <i>Molecules and Cells</i> , 2021, 44, 195-206.	2.6	7
479	The Protective A673T Mutation of Amyloid Precursor Protein (APP) in Alzheimer's Disease. <i>Molecular Neurobiology</i> , 2021, 58, 4038-4050.	4.0	16
480	Bifidobacterium Lactis Probio-M8 regulates gut microbiota to alleviate Alzheimer's disease in the APP/PS1 mouse model. <i>European Journal of Nutrition</i> , 2021, 60, 3757-3769.	3.9	37
481	Catalytic nanozymes for central nervous system disease. <i>Coordination Chemistry Reviews</i> , 2021, 432, 213751.	18.8	42
482	A model and test for coordinated polygenic epistasis in complex traits. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	15
483	The MCP-1 A-2518G polymorphism increases the risk of Alzheimer's disease: A case-control study. <i>Neuroscience Letters</i> , 2021, 749, 135710.	2.1	5
484	Clinical Approach of Low-Dose Whole-Brain Ionizing Radiation Treatment in Alzheimer's Disease Dementia Patients. <i>Journal of Alzheimer's Disease</i> , 2021, 80, 941-947.	2.6	8
485	(\pm)-BICI-3h: Pentatarget-Directed Ligand combining Cholinesterase, Monoamine Oxidase, and Glycogen Synthase Kinase β Inhibition with Calcium Channel Antagonism and Antiaggregating Properties for Alzheimer's Disease. <i>ACS Chemical Neuroscience</i> , 2021, 12, 1328-1342.	3.5	21
486	Unsupervised Cell Segmentation and Labelling in Neural Tissue Images. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 3733.	2.5	1
487	Network-based analysis on genetic variants reveals the immunological mechanism underlying Alzheimer's disease. <i>Journal of Neural Transmission</i> , 2021, 128, 803-816.	2.8	1
489	Investigations on substituted (2-aminothiazol-5-yl)(imidazo[1,2-a]pyridin-3-yl)methanones for the treatment of Alzheimer's disease. <i>Bioorganic and Medicinal Chemistry</i> , 2021, 36, 116091.	3.0	3
490	Altered metabolic pathways in a transgenic mouse model suggest mechanistic role of amyloid precursor protein overexpression in Alzheimer's disease. <i>Metabolomics</i> , 2021, 17, 42.	3.0	9
491	Alzheimer's Disease: New Concepts on the Role of Autoimmunity and NLRP3 Inflammasome in the Pathogenesis of the Disease. <i>Current Neuropharmacology</i> , 2021, 19, 498-512.	2.9	16
492	A randomized, double-blind, phase 2b proof-of-concept clinical trial in early Alzheimer's disease with lecanemab, an anti-A β protofibril antibody. <i>Alzheimer's Research and Therapy</i> , 2021, 13, 80.	6.2	380

#	ARTICLE	IF	CITATIONS
494	Chromeno[3,4-b]xanthenes as First-in-Class AChE and A β 2 Aggregation Dual-Inhibitors. International Journal of Molecular Sciences, 2021, 22, 4145.	4.1	8
495	Stress Response Is the Main Trigger of Sporadic Amyloidoses. International Journal of Molecular Sciences, 2021, 22, 4092.	4.1	5
496	Connecting vascular aging and frailty in Alzheimer's disease. Mechanisms of Ageing and Development, 2021, 195, 111444.	4.6	14
497	In Vivo/Ex Vivo EPR Investigation of the Brain Redox Status and Blood-Brain Barrier Integrity in the 5xFAD Mouse Model of Alzheimer's Disease. Current Alzheimer Research, 2021, 18, 25-34.	1.4	3
498	A review on ferulic acid and analogs based scaffolds for the management of Alzheimer's disease. European Journal of Medicinal Chemistry, 2021, 215, 113278.	5.5	58
499	In-Frame and Frameshift Mutations in Zebrafish Presenilin 2 Affect Different Cellular Functions in Young Adult Brains. Journal of Alzheimer's Disease Reports, 2021, 5, 395-404.	2.2	8
500	The promise of crowdfunding to finance R&D of novel diagnostics and therapeutics for incurable diseases. Drug Discovery Today, 2021, 26, 2205-2208.	6.4	1
501	Neuroinflammation in Alzheimer's Disease. Biomedicines, 2021, 9, 524.	3.2	120
502	Mutant Presenilin 1 Dysregulates Exosomal Proteome Cargo Produced by Human-Induced Pluripotent Stem Cell Neurons. ACS Omega, 2021, 6, 13033-13056.	3.5	7
503	Sleep profile predicts the cognitive decline of mild-moderate Alzheimer's disease patients. Sleep, 2021, 44, .	1.1	7
504	Donanemab in Early Alzheimer's Disease. New England Journal of Medicine, 2021, 384, 1691-1704.	27.0	633
505	Biomimetic Dendrimer-Peptide Conjugates for Early Multi-Target Therapy of Alzheimer's Disease by Inflammatory Microenvironment Modulation. Advanced Materials, 2021, 33, e2100746.	21.0	50
507	Longitudinal Assessment of Working Memory Performance in the APPswe/PSEN1dE9 Mouse Model of Alzheimer's Disease Using an Automated Figure-8-Maze. Frontiers in Behavioral Neuroscience, 2021, 15, 655449.	2.0	3
509	Extracts from Chinese herbs with anti-amyloid and neuroprotective activities. International Journal of Biological Macromolecules, 2021, 179, 475-484.	7.5	7
510	Bladder Cancer Immunotherapy by BCG Is Associated with a Significantly Reduced Risk of Alzheimer's Disease and Parkinson's Disease. Vaccines, 2021, 9, 491.	4.4	37
511	The bile acid TUDCA and neurodegenerative disorders: An overview. Life Sciences, 2021, 272, 119252.	4.3	57
512	Brain Targeting and A β 2 Binding Bifunctional Nanoparticles Inhibit Amyloid Protein Aggregation in APP/PS1 Transgenic Mice. ACS Chemical Neuroscience, 2021, 12, 2110-2121.	3.5	15
513	Contribution of astrocytes to neuropathology of neurodegenerative diseases. Brain Research, 2021, 1758, 147291.	2.2	62

#	ARTICLE	IF	CITATIONS
514	Evolving Role of Natural Products from Traditional Medicinal Herbs in the Treatment of Alzheimer's Disease. ACS Chemical Neuroscience, 2021, 12, 2718-2728.	3.5	16
515	DNT1 Downregulation and Increased Ethanol Sensitivity in Transgenic Drosophila Models of Alzheimer's Disease. Archives of Gerontology and Geriatrics, 2021, 94, 104355.	3.0	3
516	Analysis the alteration of systemic inflammation in old and young APP/PS1 mouse. Experimental Gerontology, 2021, 147, 111274.	2.8	1
517	Astrocyte and glutamate involvement in the pathogenesis of epilepsy in Alzheimer's disease. Epilepsia, 2021, 62, 1485-1493.	5.1	29
518	Construction of Long Noncoding RNA-Associated ceRNA Networks Reveals Potential Biomarkers in Alzheimer's Disease. Journal of Alzheimer's Disease, 2021, 82, 169-183.	2.6	11
520	Green Tea Epigallocatechin-3-gallate (EGCG) Targeting Protein Misfolding in Drug Discovery for Neurodegenerative Diseases. Biomolecules, 2021, 11, 767.	4.0	39
521	Mitigating Effect of Lindera obtusiloba Blume Extract on Neuroinflammation in Microglial Cells and Scopolamine-Induced Amnesia in Mice. Molecules, 2021, 26, 2870.	3.8	5
522	Quadruplex regulation of neural gene expression. FEBS Journal, 2022, 289, 3284-3303.	4.7	15
523	Heterogeneity of Cerebrospinal Fluid Biomarkers Profiles in Individuals with Distinct Levels of Cognitive Decline: A Cross-Sectional Study. Journal of Alzheimer's Disease, 2021, 81, 949-962.	2.6	4
524	Neurotrophic signaling deficiency exacerbates environmental risks for Alzheimer's disease pathogenesis. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	10
525	Hyperactivation of monocytes and macrophages in MCI patients contributes to the progression of Alzheimer's disease. Immunity and Ageing, 2021, 18, 29.	4.2	35
526	Selective Regional Loss of Cortical Synapses Lacking Presynaptic Mitochondria in the 5xFAD Mouse Model. Frontiers in Neuroanatomy, 2021, 15, 690168.	1.7	8
527	Cognitive decline following acute viral infections: literature review and projections for post-COVID-19. European Archives of Psychiatry and Clinical Neuroscience, 2022, 272, 139-154.	3.2	40
528	Amyloid-β: a potential link between epilepsy and cognitive decline. Nature Reviews Neurology, 2021, 17, 469-485.	10.1	60
529	Dysfunction of the Glymphatic System as a Potential Mechanism of Perioperative Neurocognitive Disorders. Frontiers in Aging Neuroscience, 2021, 13, 659457.	3.4	13
530	Forgot to Exercise? Exercise Derived Circulating Myokines in Alzheimer's Disease: A Perspective. Frontiers in Neurology, 2021, 12, 649452.	2.4	14
531	Biomarkers for neurodegenerative diseases. Nature Medicine, 2021, 27, 954-963.	30.7	399
532	Multichromatic fluorescence towards aberrant proteinaceous aggregates utilizing benzimidazole-based ICT fluorophores. Journal of Inclusion Phenomena and Macrocyclic Chemistry, 2021, 101, 205-215.	1.6	8

#	ARTICLE	IF	CITATIONS
533	Effects of Vitamin B12 Deficiency on Amyloid- β Toxicity in <i>Caenorhabditis elegans</i> . <i>Antioxidants</i> , 2021, 10, 962.	5.1	12
534	Nutraceutical and Probiotic Approaches to Examine Molecular Interactions of the Amyloid Precursor Protein APP in <i>Drosophila</i> Models of Alzheimer's Disease. <i>International Journal of Molecular Sciences</i> , 2021, 22, 7022.	4.1	5
535	A Comparative Study on the Predictive Value of Different Resting-State Functional Magnetic Resonance Imaging Parameters in Preclinical Alzheimer's Disease. <i>Frontiers in Psychiatry</i> , 2021, 12, 626332.	2.6	3
536	<i>In Silico</i> -Guided Rational Drug Design and Semi-synthesis of C(2)-Functionalized Huperzine A Derivatives as Acetylcholinesterase Inhibitors. <i>ACS Omega</i> , 2021, 6, 19924-19939.	3.5	11
537	The pleiotropic beneficial intervention of olive oil intake on the Alzheimer's disease onset via fibrinolytic system. <i>Experimental Gerontology</i> , 2021, 150, 111344.	2.8	9
538	Intravenous administration of mesenchymal stem cells reduces Tau phosphorylation and inflammation in the 3xTg-AD mouse model of Alzheimer's disease. <i>Experimental Neurology</i> , 2021, 341, 113706.	4.1	29
539	Phage-Derived and Aberrant HaloTag Peptides Immobilized on Magnetic Microbeads for Amperometric Biosensing of Serum Autoantibodies and Alzheimer's Disease Diagnosis. <i>Analysis & Sensing</i> , 2021, 1, 161-165.	2.0	8
540	Mitophagy pathways and Alzheimer's disease: From pathogenesis to treatment. <i>Mitochondrion</i> , 2021, 59, 37-47.	3.4	5
541	Dietary Spray-Dried Porcine Plasma Reduces Neuropathological Alzheimer's Disease Hallmarks in SAMP8 Mice. <i>Nutrients</i> , 2021, 13, 2369.	4.1	9
542	The Effects of Δ 21-42 Binding to the SARS-CoV-2 Spike Protein S1 Subunit and Angiotensin-Converting Enzyme 2. <i>International Journal of Molecular Sciences</i> , 2021, 22, 8226.	4.1	37
543	Genes associated with amyloid-beta-induced inflammasome-mediated neuronal death identified using functional gene trap mutagenesis approach. <i>International Journal of Biochemistry and Cell Biology</i> , 2021, 136, 106014.	2.8	1
544	The human connectome in Alzheimer disease "relationship to biomarkers and genetics. <i>Nature Reviews Neurology</i> , 2021, 17, 545-563.	10.1	106
545	Pharmacological drug strategies in Alzheimer's Disease. <i>Revista Neurociencias</i> , 0, 29, .	0.0	0
546	Decreased Glucose Metabolism and Glutamine Synthesis in the Retina of a Transgenic Mouse Model of Alzheimer's Disease. <i>Cellular and Molecular Neurobiology</i> , 2021, , 1.	3.3	4
547	Treatment by low-dose brain radiation therapy improves memory performances without changes of the amyloid load in the TgF344-AD rat model. <i>Neurobiology of Aging</i> , 2021, 103, 117-127.	3.1	19
548	The potential role of glial cells in driving the prion-like transcellular propagation of tau in tauopathies. <i>Brain, Behavior, & Immunity - Health</i> , 2021, 14, 100242.	2.5	14
549	Role of microbes in the pathogenesis of neuropsychiatric disorders. <i>Frontiers in Neuroendocrinology</i> , 2021, 62, 100917.	5.2	8
550	Bis(ethylmaltolato)oxidovanadium (IV) alleviates neuronal apoptosis through regulating peroxisome proliferator-activated receptor β in a triple transgenic animal model of Alzheimer's disease. <i>Journal of Biological Inorganic Chemistry</i> , 2021, 26, 551-568.	2.6	6

#	ARTICLE	IF	CITATIONS
551	The effects of Cstb duplication on APP/amyloid- β^2 pathology and cathepsin B activity in a mouse model. PLoS ONE, 2021, 16, e0242236.	2.5	3
552	The Role of Platelets in the Stimulation of Neuronal Synaptic Plasticity, Electric Activity, and Oxidative Phosphorylation: Possibilities for New Therapy of Neurodegenerative Diseases. Frontiers in Cellular Neuroscience, 2021, 15, 680126.	3.7	10
554	Targeting Nuclear Receptors in Neurodegeneration and Neuroinflammation. Journal of Medicinal Chemistry, 2021, 64, 9592-9638.	6.4	28
555	Concurrent OCT and OCT angiography of retinal neurovascular degeneration in the 5XFAD Alzheimer's disease mice. Neurophotonics, 2021, 8, 035002.	3.3	12
556	Default mode network connectivity and cognition in the aging brain: the effects of age, sex, and APOE genotype.. Neurobiology of Aging, 2021, 104, 10-23.	3.1	12
557	Blood CDKN2A Gene Expression in Aging and Neurodegenerative Diseases. Journal of Alzheimer's Disease, 2021, 82, 1737-1744.	2.6	6
558	AND-Logic Strategy for Accurate Analysis of Alzheimer's Disease via Fluorescent Probe Lighted Up by Two Specific Biomarkers. Analytical Chemistry, 2021, 93, 11337-11345.	6.5	32
559	Methodological Issues in Randomized Clinical Trials for Prodromal Alzheimer's and Parkinson's Disease. Frontiers in Neurology, 2021, 12, 694329.	2.4	8
560	Classification, Prediction, and Concordance of Cognitive and Functional Progression in Patients with Mild Cognitive Impairment in the United States: A Latent Class Analysis. Journal of Alzheimer's Disease, 2021, 82, 1667-1682.	2.6	1
561	Non-Rodent Genetic Animal Models for Studying Tauopathy: Review of Drosophila, Zebrafish, and C. elegans Models. International Journal of Molecular Sciences, 2021, 22, 8465.	4.1	12
562	What is the gold standard model for Alzheimer's disease drug discovery and development?. Expert Opinion on Drug Discovery, 2021, 16, 1415-1440.	5.0	9
563	A large-scale brain network mechanism for increased seizure propensity in Alzheimer's disease. PLoS Computational Biology, 2021, 17, e1009252.	3.2	13
564	Cognitive Decline Assessment: A Review From Medical Imaging Perspective. Frontiers in Aging Neuroscience, 2021, 13, 704661.	3.4	6
566	Divergent Connectivity Changes in Gray Matter Structural Covariance Networks in Subjective Cognitive Decline, Amnesic Mild Cognitive Impairment, and Alzheimer's Disease. Frontiers in Aging Neuroscience, 2021, 13, 686598.	3.4	15
567	Chromatin and transcriptomic profiling uncover dysregulation of the Tip60 HAT/HDAC2 epigenomic landscape in the neurodegenerative brain. Epigenetics, 2022, 17, 786-807.	2.7	5
568	Identification of ortho catechol-containing isoflavone as a privileged scaffold that directly prevents the aggregation of both amyloid β^2 plaques and tau-mediated neurofibrillary tangles and its in vivo evaluation. Bioorganic Chemistry, 2021, 113, 105022.	4.1	7
569	Altered Spontaneous Brain Activity in Subjects With Different Cognitive States of Biologically Defined Alzheimer's Disease: A Surface-Based Functional Brain Imaging Study. Frontiers in Aging Neuroscience, 2021, 13, 683783.	3.4	3
570	Synthesis of new Hantzsch adducts showing Ca^{2+} channel blockade capacity, cholinesterase inhibition and antioxidant power. Future Medicinal Chemistry, 2021, 13, 1717-1729.	2.3	3

#	ARTICLE	IF	CITATIONS
571	Millipore xMap® Luminex (HATMAG-68K): An Accurate and Cost-Effective Method for Evaluating Alzheimer's Biomarkers in Cerebrospinal Fluid. <i>Frontiers in Psychiatry</i> , 2021, 12, 716686.	2.6	9
572	Association Between Antibiotic Treatment of Chlamydia pneumoniae and Reduced Risk of Alzheimer Dementia: A Nationwide Cohort Study in Taiwan. <i>Frontiers in Aging Neuroscience</i> , 2021, 13, 701899.	3.4	7
573	Dynamic nanoassemblies for imaging and therapy of neurological disorders. <i>Advanced Drug Delivery Reviews</i> , 2021, 175, 113832.	13.7	15
574	Characterization, antioxidant, and neuroprotective effects of anthocyanins from <i>Nitraria tangutorum</i> Bobr. fruit. <i>Food Chemistry</i> , 2021, 353, 129435.	8.2	17
575	Multicomponent Training Prevents Memory Deficit Related to Amyloid- β Protein-Induced Neurotoxicity. <i>Journal of Alzheimer's Disease</i> , 2021, 83, 143-154.	2.6	6
576	Hyperoxygenation Treatment Reduces Beta-amyloid Deposition via MeCP2-dependent Upregulation of MMP-2 and MMP-9 in the Hippocampus of Tg-APP/PS1 Mice. <i>Experimental Neurobiology</i> , 2021, 30, 294-307.	1.6	7
577	Alzheimer's Disease: Efficacy of Mono- and Combination Therapy. A Systematic Review. <i>Journal of Geriatric Psychiatry and Neurology</i> , 2022, 35, 475-486.	2.3	12
578	Glutamate metabolism and recycling at the excitatory synapse in health and neurodegeneration. <i>Neuropharmacology</i> , 2021, 196, 108719.	4.1	145
579	Pharmacotherapeutic Potential of Garlic in Age-Related Neurological Disorders. <i>CNS and Neurological Disorders - Drug Targets</i> , 2021, 20, .	1.4	5
580	The circadian rest-activity pattern predicts cognitive decline among mild-moderate Alzheimer's disease patients. <i>Alzheimer's Research and Therapy</i> , 2021, 13, 161.	6.2	15
581	Disrupted Dynamic Functional Network Connectivity Among Cognitive Control Networks in the Progression of Alzheimer's Disease. <i>Brain Connectivity</i> , 2023, 13, 334-343.	1.7	24
582	Use of Fast Gamma Magnetic Stimulation Over the Left Prefrontal Dorsolateral Cortex for the Treatment of MCI and Mild Alzheimer's Disease: A Double-Blind, Randomized, Sham-Controlled, Pilot Study. <i>Frontiers in Neurology</i> , 2021, 12, 729872.	2.4	4
583	Olfactory dysfunction in Alzheimer's disease. <i>Medical Alphabet</i> , 2021, , 7-11.	0.2	0
584	Spatial organization of protein aggregates on red blood cells as physical biomarkers of Alzheimer's disease pathology. <i>Science Advances</i> , 2021, 7, eabj2137.	10.3	10
585	Sensory-Evoked 40-Hz Gamma Oscillation Improves Sleep and Daily Living Activities in Alzheimer's Disease Patients. <i>Frontiers in Systems Neuroscience</i> , 2021, 15, 746859.	2.5	35
586	The blood biomarkers puzzle – A review of protein biomarkers in neurodegenerative diseases. <i>Journal of Neuroscience Methods</i> , 2021, 361, 109281.	2.5	14
588	Systematic Search for Novel Circulating Biomarkers Associated with Extracellular Vesicles in Alzheimer's Disease: Combining Literature Screening and Database Mining Approaches. <i>Journal of Personalized Medicine</i> , 2021, 11, 946.	2.5	6
589	Research progress of multi-functional fluorescent probes for Alzheimer's disease monitoring. <i>Dyes and Pigments</i> , 2021, 193, 109466.	3.7	38

#	ARTICLE	IF	CITATIONS
590	Nerve Growth Factor-Based Therapy in Alzheimer's Disease and Age-Related Macular Degeneration. <i>Frontiers in Neuroscience</i> , 2021, 15, 735928.	2.8	15
591	NLRP3 Inflammasome: A Starring Role in Amyloid- β and Tau-Driven Pathological Events in Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2021, 83, 939-961.	2.6	55
592	Dual-target compounds for Alzheimer's disease: Natural and synthetic AChE and BACE-1 dual-inhibitors and their structure-activity relationship (SAR). <i>European Journal of Medicinal Chemistry</i> , 2021, 221, 113492.	5.5	37
593	A neuromimetic realization of hippocampal CA1 for theta wave generation. <i>Neural Networks</i> , 2021, 142, 548-563.	5.9	4
594	The pleiotropic roles of autophagy in Alzheimer's disease: From pathophysiology to therapy. <i>Current Opinion in Pharmacology</i> , 2021, 60, 149-157.	3.5	20
595	Dimethyl fumarate does not mitigate cognitive decline and β -amyloidosis in female APPPS1 mice. <i>Brain Research</i> , 2021, 1768, 147579.	2.2	15
596	Synthesis and evaluation of curcumin-based near-infrared fluorescent probes for the in vivo optical imaging of amyloid- β plaques. <i>Bioorganic Chemistry</i> , 2021, 115, 105167.	4.1	17
597	An updated reappraisal of synapsins: structure, function and role in neurological and psychiatric disorders. <i>Neuroscience and Biobehavioral Reviews</i> , 2021, 130, 33-60.	6.1	22
598	Icariin ameliorate Alzheimer's disease by influencing SIRT1 and inhibiting $\text{A}\beta$ cascade pathogenesis. <i>Journal of Chemical Neuroanatomy</i> , 2021, 117, 102014.	2.1	22
599	CRISPR-activated patient fibroblasts for modeling of familial Alzheimer's disease. <i>Neuroscience Research</i> , 2021, 172, 7-12.	1.9	2
600	Abnormal amyloid beta metabolism in systemic abnormalities and Alzheimer's pathology: Insights and therapeutic approaches from periphery. <i>Ageing Research Reviews</i> , 2021, 71, 101451.	10.9	20
601	Circulating extracellular vesicles: friends and foes in neurodegeneration. <i>Neural Regeneration Research</i> , 2022, 17, 534.	3.0	20
602	Surface-enhanced Raman spectroscopy for circulating biomarkers detection in clinical diagnosis. , 2022, , 225-280.		1
603	Alzheimer's Disease Projection From Normal to Mild Dementia Reflected in Functional Network Connectivity: A Longitudinal Study. <i>Frontiers in Neural Circuits</i> , 2020, 14, 593263.	2.8	39
604	Autobiographical Memory Fluency Reductions in Cognitively Unimpaired Middle-Aged and Older Adults at Increased Risk for Alzheimer's Disease Dementia. <i>Journal of the International Neuropsychological Society</i> , 2021, 27, 905-915.	1.8	6
605	Ex Vivo Investigation of Bexarotene and Nicotinamide Function as a Protective Agent on Rat Synaptosomes Treated with $\text{A}\beta$ (1-42). <i>Neurochemical Research</i> , 2021, 46, 804-818.	3.3	3
607	Don't know what you got till it's gone: microglial depletion and neurodegeneration. <i>Neural Regeneration Research</i> , 2021, 16, 1921.	3.0	10
608	Alzheimer's Disease Pharmacology. , 2021, , .		1

#	ARTICLE	IF	CITATIONS
609	Cellular bioenergetics in human iPSC-derived glutamatergic neurons in health and disease. , 2021, , 205-221.		0
610	Prediction of Alzheimer's disease-specific phospholipase c gamma-1 SNV by deep learning-based approach for high-throughput screening. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	15
611	Nanoparticle-based colorimetric sensors to detect neurodegenerative disease biomarkers. Biomaterials Science, 2021, 9, 6983-7007.	5.4	5
612	Nanobiotechnology in Neurodegenerative Diseases. , 2019, , 65-138.		4
614	The Role of Mitochondria in Neurodegenerative Diseases: the Lesson from Alzheimer's Disease and Parkinson's Disease. Molecular Neurobiology, 2020, 57, 2959-2980.	4.0	180
615	Regulation and function of V-ATPases in physiology and disease. Biochimica Et Biophysica Acta - Biomembranes, 2020, 1862, 183341.	2.6	80
616	Seeds of Destruction: New Mechanistic Insights into the Role of Apolipoprotein E4 in Alzheimer's Disease. Neuron, 2017, 96, 953-955.	8.1	4
617	The cellular expression and proteolytic processing of the amyloid precursor protein is independent of TDP-43. Bioscience Reports, 2020, 40, .	2.4	5
628	High glucose-mediated PICALM and mTORC1 modulate processing of amyloid precursor protein via endosomal abnormalities. British Journal of Pharmacology, 2020, 177, 3828-3847.	5.4	13
629	Synaptic plasticity in Alzheimer's disease and healthy aging. Reviews in the Neurosciences, 2020, 31, 245-268.	2.9	46
630	Fragmentation of brain apolipoprotein E (ApoE) and its relevance in Alzheimer's disease. Reviews in the Neurosciences, 2020, 31, 589-603.	2.9	3
631	Mega-Analysis of Gene Expression in Mouse Models of Alzheimer's Disease. ENeuro, 2019, 6, ENEURO.0226-19.2019.	1.9	7
632	Donor-Specific Transcriptomic Analysis of Alzheimer's Disease-Associated Hypometabolism Highlights a Unique Donor, Ribosomal Proteins and Microglia. ENeuro, 2020, 7, ENEURO.0255-20.2020.	1.9	5
633	High fat diet exacerbates Alzheimer's disease-related pathology in APPswe/PS1 mice. Oncotarget, 2016, 7, 67808-67827.	1.8	94
634	Obesity and Alzheimer's disease, does the obesity paradox really exist? A magnetic resonance imaging study. Oncotarget, 2018, 9, 34691-34698.	1.8	57
635	99mTc-labeled Small Molecules for Diagnosis of Alzheimer's Disease: Past, Recent and Future Perspectives. Current Medicinal Chemistry, 2019, 26, 2166-2189.	2.4	4
636	NMDA Receptor Antagonists: Repositioning of Memantine as a Multitargeting Agent for Alzheimer's Therapy. Current Pharmaceutical Design, 2019, 25, 3506-3518.	1.9	76
637	The Importance of Understanding Amylin Signaling Mechanisms for Therapeutic Development in the Treatment of Alzheimer's Disease. Current Pharmaceutical Design, 2020, 26, 1345-1355.	1.9	3

#	ARTICLE	IF	CITATIONS
638	Cross-Interplay between Osmolytes and mTOR in Alzheimer's Disease Pathogenesis. <i>Current Pharmaceutical Design</i> , 2020, 26, 4699-4711.	1.9	12
639	Biological Evaluation of 8-Hydroxyquinolines as Multi-Target Directed Ligands for Treating Alzheimer's Disease. <i>Current Alzheimer Research</i> , 2019, 16, 801-814.	1.4	5
640	Collapsin Response Mediator Proteins: Novel Targets for Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2020, 77, 949-960.	2.6	9
641	Isolation of Neuroprotective Anthocyanins from Black Chokeberry (<i>Aronia melanocarpa</i>) against Amyloid- β -Induced Cognitive Impairment. <i>Foods</i> , 2021, 10, 63.	4.3	26
643	Increased intron retention is linked to Alzheimer's disease. <i>Neural Regeneration Research</i> , 2020, 15, 259.	3.0	16
644	Can mouse models mimic sporadic Alzheimer's disease?. <i>Neural Regeneration Research</i> , 2020, 15, 401.	3.0	32
645	Possible Link between <i>Porphyromonas gingivalis</i> and Amyloidosis in the Pathogenesis of Alzheimer's and Parkinson's Disease.. , 0, , 1-12.		1
646	Prognostic value of complementary biomarkers of neurodegeneration in a mixed memory clinic cohort. <i>PeerJ</i> , 2020, 8, e9498.	2.0	5
647	Synthesis and Biological Assessment of PyrimidoTacrines as Promising Agents for Alzheimer's Disease Therapy. <i>ChemistrySelect</i> , 2021, 6, 9975-9980.	1.5	2
648	Hippocampal disruptions of synaptic and astrocyte metabolism are primary events of early amyloid pathology in the 5xFAD mouse model of Alzheimer's disease. <i>Cell Death and Disease</i> , 2021, 12, 954.	6.3	41
649	Neurochemical Markers of Traumatic Brain Injury: Relevance to Acute Diagnostics, Disease Monitoring, and Neuropsychiatric Outcome Prediction. <i>Biological Psychiatry</i> , 2022, 91, 405-412.	1.3	17
650	Calpain-Mediated Alterations in Astrocytes Before and During Amyloid Chaos in Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2021, 84, 1415-1430.	2.6	8
651	Identifying New COVID-19 Receptor Neuropilin-1 in Severe Alzheimer's Disease Patients Group Brain Using Genome-Wide Association Study Approach. <i>Frontiers in Genetics</i> , 2021, 12, 741175.	2.3	15
652	Multimomics Profiling of Alzheimer's Disease Serum for the Identification of Autoantibody Biomarkers. <i>Journal of Proteome Research</i> , 2021, 20, 5115-5130.	3.7	15
653	Deep post-GWAS analysis identifies potential risk genes and risk variants for Alzheimer's disease, providing new insights into its disease mechanisms. <i>Scientific Reports</i> , 2021, 11, 20511.	3.3	16
654	MicroRNAs as Potential Orchestrators of Alzheimer's Disease-Related Pathologies: Insights on Current Status and Future Possibilities. <i>Frontiers in Aging Neuroscience</i> , 2021, 13, 743573.	3.4	24
655	Network Pharmacology-Based Study of the Underlying Mechanisms of Huangqi Sijunzi Decoction for Alzheimer's Disease. <i>Evidence-based Complementary and Alternative Medicine</i> , 2021, 2021, 1-13.	1.2	5
656	Estrogenic hormones receptors in Alzheimer's disease. <i>Molecular Biology Reports</i> , 2021, 48, 7517-7526.	2.3	7

#	ARTICLE	IF	CITATIONS
657	Sex-Stratified Single-Cell RNA-Seq Analysis Identifies Sex-Specific and Cell Type-Specific Transcriptional Responses in Alzheimer's Disease Across Two Brain Regions. <i>Molecular Neurobiology</i> , 2022, 59, 276-293.	4.0	21
658	AA amyloid in human food chain is a possible biohazard. <i>Scientific Reports</i> , 2021, 11, 21069.	3.3	10
664	Role of Hsp90 Interacting Molecular Chaperones on Tau and A β Processing in Alzheimer's Disease. <i>Heat Shock Proteins</i> , 2019, , 131-145.	0.2	0
665	Genetics, Neuronal Pathways, and Electrophysiology of Alzheimer's Disease. , 2019, , 209-221.		1
667	Distinctive Features of Histochemical and Immunohistochemical Techniques for Amyloid Plaque Detection in the Human Cerebral Cortex. <i>Journal of Anatomy and Histopathology</i> , 2019, 8, 91-99.	0.2	2
671	Ruolo dei biomarcatori nella diagnostica liquorale della malattia di Alzheimer. <i>Rivista Italiana Della Medicina Di Laboratorio</i> , 2019, 15, .	0.4	0
673	Identification of Novel Gene variants in Patients with Alzheimer's Disease by Whole Exome Sequencing. , 2020, 4, 001-004.		1
676	The β -Secretase Enzyme BACE1: A Biochemical Enigma for Alzheimer's Disease. <i>CNS and Neurological Disorders - Drug Targets</i> , 2020, 19, 184-194.	1.4	5
678	The meaning of blood and cerebrospinal fluid biomarkers in early diagnosis of Alzheimer's disease. <i>Journal of Education, Health and Sport</i> , 2020, 10, 308.	0.1	1
679	Association between human paraoxonase 2 protein and efficacy of acetylcholinesterase inhibiting drugs used against Alzheimer's disease. <i>PLoS ONE</i> , 2021, 16, e0258879.	2.5	6
680	Dynamic interactions and Ca ²⁺ -binding modulate the holdase-type chaperone activity of S100B preventing tau aggregation and seeding. <i>Nature Communications</i> , 2021, 12, 6292.	12.8	10
681	Non-genomic rewiring of vitamin D receptor to p53 as a key to Alzheimer's disease. <i>Aging Cell</i> , 2021, 20, e13509.	6.7	7
682	High-fat diet induced discrepant peripheral and central nervous systems insulin resistance in APPswe/PS1dE9 and wild-type C57BL/6J mice. <i>Aging</i> , 2021, 13, 1236-1250.	3.1	7
683	iPSC for modeling neurodegenerative disorders. <i>Regenerative Therapy</i> , 2020, 15, 332-339.	3.0	22
684	Alzheimer's Disease: Etiology, Neuropathology and Pathogenesis. , 0, , 1-22.		22
685	Current and Future of Alzheimer's Therapy with the Best Approach. <i>CNS and Neurological Disorders - Drug Targets</i> , 2020, 19, 691-697.	1.4	0
687	Loss of functional capacity in elderly individuals with Alzheimer disease. <i>Dementia E Neuropsychologia</i> , 2020, 14, 387-393.	0.8	0
688	Immunotherapy in Neurodegenerative Disorders. , 2021, , 117-136.		0

#	ARTICLE	IF	CITATIONS
689	Other Indications for Deep Brain Stimulation. , 2020, , 291-300.		1
690	Assessment of neuropathology of Alzheimerâ€™s disease brain with high-resolution, label-free multi-harmonic generation microscopy. , 2020, , .		0
691	The Implication of Androgens in the Presence of Protein Kinase C to Repair Alzheimerâ€™s Disease-Induced Cognitive Dysfunction. Iranian Biomedical Journal, 2020, 24, 64-80.	0.7	6
693	Retinal imaging biomarkers of neurodegenerative diseases. Australasian journal of optometry, The, 2022, 105, 194-204.	1.3	14
694	Rational design and synthesis of modified natural peptides from Boana pulchella (anura) as acetylcholinesterase inhibitors and antioxidants. Amino Acids, 2022, 54, 181-192.	2.7	4
696	Nanoparticle-Guided Brain Drug Delivery: Expanding the Therapeutic Approach to Neurodegenerative Diseases. Pharmaceutics, 2021, 13, 1897.	4.5	27
697	Nature-inspired dynamic gene-loaded nanoassemblies for the treatment of brain diseases. Advanced Drug Delivery Reviews, 2022, 180, 114029.	13.7	9
698	Picomolar-sensitive Î²-amyloid fibril fluorophores by tailoring the hydrophobicity of biannulated Î£-elongated dioxaborine-dyes. Bioactive Materials, 2022, 13, 239-248.	15.6	15
699	Pathophysiological role of 27-hydroxycholesterol in human diseases. Advances in Biological Regulation, 2022, 83, 100837.	2.3	6
700	Profiling the chemical nature of anti-oxytotic/ferroptotic compounds with phenotypic screening. Free Radical Biology and Medicine, 2021, 177, 313-325.	2.9	10
704	Long noncoding RNA MALAT1 and its target microRNA-125b are potential biomarkers for Alzheimer's disease management via interactions with FOXQ1, PTGS2 and CDK5. American Journal of Translational Research (discontinued), 2020, 12, 5940-5954.	0.0	9
705	TM2D1 contributes the epithelial-mesenchymal transition of hepatocellular carcinoma via modulating AKT/Î²-catenin axis. American Journal of Cancer Research, 2021, 11, 1557-1571.	1.4	1
706	Identifying mechanisms of Epimedium Folium against Alzheimerâ€™s disease via a network pharmacology approach Epimedium Folium treats Alzheimerâ€™s disease via PI3K-AKT. European Journal of Inflammation, 2021, 19, 205873922110414.	0.5	1
707	Boosting the diagnostic power of amyloid-Î² PET using a data-driven spatially informed classifier for decision support. Alzheimer's Research and Therapy, 2021, 13, 185.	6.2	1
708	Loss of C9orf72 in Microglia Drives Neuronal Injury by Enhancing Synaptic Pruning in Aged and Alzheimerâ€™s Disease Mice. Neuroscience Bulletin, 2022, 38, 327-330.	2.9	5
709	Characteristics of Neural Network Changes in Normal Aging and Early Dementia. Frontiers in Aging Neuroscience, 2021, 13, 747359.	3.4	20
710	Network medicine for disease module identification and drug repurposing with the NeDRex platform. Nature Communications, 2021, 12, 6848.	12.8	39
711	Synthesis and Evaluation of the Acetylcholinesterase Inhibitory Activities of Some Flavonoids Derived from Naringenin. Scientific World Journal, The, 2021, 2021, 1-10.	2.1	7

#	ARTICLE	IF	CITATIONS
712	Paeonol Ameliorates Cognitive Deficits in Streptozotocin Murine Model of Sporadic Alzheimer's Disease via Attenuation of Oxidative Stress, Inflammation, and Mitochondrial Dysfunction. Journal of Molecular Neuroscience, 2022, 72, 336-348.	2.3	19
713	The Greek Variant in APP Gene: The Phenotypic Spectrum of APP Mutations. International Journal of Molecular Sciences, 2021, 22, 12355.	4.1	1
714	Brain transcriptomes of zebrafish and mouse Alzheimer's disease knock-in models imply early disrupted energy metabolism. DMM Disease Models and Mechanisms, 2022, 15, .	2.4	8
715	Evidence against altered excitatory/inhibitory balance in the posteromedial cortex of young adult APOE E4 carriers: A resting state 1H-MRS study. NeuroImage Reports, 2021, 1, 100059.	1.0	0
716	Investigating cognition in midlife. Alzheimer's and Dementia: Translational Research and Clinical Interventions, 2021, 7, e12234.	3.7	0
717	Novel biomarkers of ciliary extracellular vesicles interact with ciliopathy and Alzheimer's associated proteins. Communicative and Integrative Biology, 2021, 14, 264-269.	1.4	7
718	The role of Alzheimer's disease risk genes in endolysosomal pathways. Neurobiology of Disease, 2022, 162, 105576.	4.4	27
719	Distinct Effects of the Hippocampal Transplantation of Neural and Mesenchymal Stem Cells in a Transgenic Model of Alzheimer's Disease. Stem Cell Reviews and Reports, 2022, 18, 781-791.	3.8	12
720	The protective role of exercise against age-related neurodegeneration. Ageing Research Reviews, 2022, 74, 101543.	10.9	47
721	The molecular mechanism, targets, and novel molecules in the treatment of Alzheimer's disease. Bioorganic Chemistry, 2022, 119, 105562.	4.1	26
722	Discriminating speech traits of Alzheimer's disease assessed through a corpus of reading task for Spanish language. Computer Speech and Language, 2022, 73, 101341.	4.3	10
723	Bioactives from Psidium guajava leaf decoction: LC-HRMS-MS-Qtof identification, bioactivities and bioavailability evaluation. , 2022, 1, 100003.		8
724	Emerging Trends in the Use of Therapeutic Hypothermia as a Method for Neuroprotection in Brain Damage (Review). Sovremennye Tehnologii V Medicine, 2020, 12, 94.	1.1	1
725	Analysis on Risk Factors of Women in Alzheimer's Disease. , 2020, , .		0
727	Evaluation of Memantine in AAV-AD Rat: A Model of Late-Onset Alzheimer's Disease Predementia. journal of prevention of Alzheimer's disease, The, 2022, 9, 338-347.	2.7	3
728	Cerebral Phospho-Tau Acts Synergistically with Soluble A β 242 Leading to Mild Cognitive Impairment in AAV-AD Rats. journal of prevention of Alzheimer's disease, The, 0, , 1.	2.7	4
729	Protein degradation-associated mechanisms that are affected in Alzheimer's disease. Molecular and Cellular Biochemistry, 2022, 477, 915-925.	3.1	9
731	Lipid metabolism and Alzheimer's disease: clinical evidence, mechanistic link and therapeutic promise. FEBS Journal, 2023, 290, 1420-1453.	4.7	61

#	ARTICLE	IF	CITATIONS
732	Prediction of Cognitive Progression in Individuals with Mild Cognitive Impairment Using Radiomics as an Improvement of the ATN System: A Five-Year Follow-Up Study. Korean Journal of Radiology, 2022, 23, 89.	3.4	3
734	Artificial intelligence framework identifies candidate targets for drug repurposing in Alzheimer's disease. Alzheimer's Research and Therapy, 2022, 14, 7.	6.2	42
735	Beneficial effects of levetiracetam in streptozotocin-induced rat model of Alzheimer's disease. Metabolic Brain Disease, 2022, 37, 689-700.	2.9	8
736	The Impact of Systemic Inflammation on Alzheimer's Disease Pathology. Frontiers in Immunology, 2021, 12, 796867.	4.8	79
737	Distance-based β^2 -amyloid protein detection on PADs for the scanning and subsequent follow-up of Alzheimer's disease in human urine samples. Analyst, The, 2022, 147, 695-703.	3.5	9
738	Stem cell therapy for Alzheimer's disease: An overview of experimental models and reality. Animal Models and Experimental Medicine, 2022, 5, 15-26.	3.3	14
739	The prevalence and associated factors of motoric cognitive risk syndrome in multiple ethnic middle-aged to older adults in west China: a cross-sectional study. European Journal of Neurology, 2022, 29, 1354-1365.	3.3	11
740	The Methylglyoxal/RAGE/NOX-2 Pathway is Persistently Activated in the Hippocampus of Rats with STZ-Induced Sporadic Alzheimer's Disease. Neurotoxicity Research, 2022, 40, 395-409.	2.7	7
741	Cerebrospinal fluid neurofilament light chain differentiates primary psychiatric disorders from rapidly progressive, Alzheimer's disease and frontotemporal disorders in clinical settings. Alzheimer's and Dementia, 2022, 18, 2218-2233.	0.8	24
742	Association between τ protein and $A\beta^{242}$ in plasma neuronal-derived exosomes and cognitive impairment in patients with permanent atrial fibrillation and the role of anticoagulant therapy and inflammatory mechanisms. Journal of Cardiac Surgery, 2022, 37, 909-918.	0.7	2
743	Paving the way for reliable Alzheimer's disease blood diagnosis by quadruple electrochemical immunosensing. ChemElectroChem, 0, , .	3.4	2
744	Postoperative changes in cognition and cerebrospinal fluid neurodegenerative disease biomarkers. Annals of Clinical and Translational Neurology, 2022, 9, 155-170.	3.7	17
745	Withanolides, the hidden gem in Physalis minima: A mini review on their anti-inflammatory, anti-neuroinflammatory and anti-cancer effects. Food Chemistry, 2022, 377, 132002.	8.2	6
746	Network pharmacology-based approach to investigate the mechanisms of <i>Zingiber officinale</i> Roscoe in the treatment of neurodegenerative diseases. Journal of Food Biochemistry, 2022, 46, e14068.	2.9	1
747	What have we learnt from past failures in Alzheimer's disease drug discovery?. Expert Opinion on Drug Discovery, 2022, 17, 309-323.	5.0	9
748	Endoplasmic reticulum-mitochondria signaling in neurons and neurodegenerative diseases. Journal of Cell Science, 2022, 135, .	2.0	43
749	Exosomes Mediate APP Dysregulation via APP-miR-185-5p Axis. Frontiers in Cell and Developmental Biology, 2022, 10, 793388.	3.7	11
750	Strategic Design of Amyloid- β^2 Species Fluorescent Probes for Alzheimer's Disease. ACS Chemical Neuroscience, 2022, 13, 540-551.	3.5	23

#	ARTICLE	IF	CITATIONS
751	Advances in the discovery of genetic risk factors for complex forms of neurodegenerative disorders: contemporary approaches, success, challenges and prospects. <i>Journal of Genetics</i> , 2018, 97, 625-648.	0.7	1
752	Initiation of Neurodegenerative Disorders (NDDs) Through Metal Toxicity Generated Oxidative Stress. <i>Molecular and Integrative Toxicology</i> , 2021, , 263-277.	0.5	1
753	3-D CNN-Based Multichannel Contrastive Learning for Alzheimer's Disease Automatic Diagnosis. <i>IEEE Transactions on Instrumentation and Measurement</i> , 2022, 71, 1-11.	4.7	6
754	High-fidelity imaging of amyloid-beta deposits with an ultrasensitive fluorescent probe facilitates the early diagnosis and treatment of Alzheimer's Disease. <i>Theranostics</i> , 2022, 12, 2549-2559.	10.0	20
755	Novel insights on acetylcholinesterase inhibition by <i>Convolvulus pluricaulis</i> , scopolamine and their combination in zebrafish. <i>Natural Products and Bioprospecting</i> , 2022, 12, 6.	4.3	6
756	<i>Treponema denticola</i> Induces Alzheimer-Like Tau Hyperphosphorylation by Activating Hippocampal Neuroinflammation in Mice. <i>Journal of Dental Research</i> , 2022, 101, 992-1001.	5.2	10
757	Genetic, clinical, and biochemical aspects of patients with Alzheimer disease. <i>Egyptian Journal of Neurology, Psychiatry and Neurosurgery</i> , 2022, 58, .	1.0	2
758	Selenium-Derivative Compounds: A Review of New Perspectives in the Treatment of Alzheimer's Disease. <i>Current Medicinal Chemistry</i> , 2023, 30, 689-700.	2.4	9
759	Alzheimer's disease protease-containing plasma extracellular vesicles transfer to the hippocampus via the choroid plexus. <i>EBioMedicine</i> , 2022, 77, 103903.	6.1	10
760	DNA damage accumulation in aging brain and its links to Alzheimer's disease progression. <i>Genome Instability & Disease</i> , 2022, 3, 172-178.	1.1	2
761	Multi-Omics Characterization of Type 2 Diabetes Mellitus-Induced Cognitive Impairment in the db/db Mouse Model. <i>Molecules</i> , 2022, 27, 1904.	3.8	6
762	Alzheimer's Disease Drug Development: A Research and Development Ecosystem. , 2022, , 1-24.		2
763	Rational design and synthesis of a novel BODIPY-based probe for selective imaging of tau tangles in human iPSC-derived cortical neurons. <i>Scientific Reports</i> , 2022, 12, 5257.	3.3	11
764	Longitudinal assessment of aggression and circadian rhythms in the APPswe mouse model of Alzheimer's disease. <i>Physiology and Behavior</i> , 2022, 250, 113787.	2.1	2
765	Towards the Pharmacological Validation and Phytochemical Profiling of the Decoction and Maceration of <i>Bruguiera gymnorhiza</i> (L.) Lam. A Traditionally Used Medicinal Halophyte. <i>Molecules</i> , 2022, 27, 2000.	3.8	11
766	Neutrophil-vascular interactions drive myeloperoxidase accumulation in the brain in Alzheimer's disease. <i>Acta Neuropathologica Communications</i> , 2022, 10, 38.	5.2	42
767	Shedding light on biological sex differences and microbiota-gut-brain axis: a comprehensive review of its roles in neuropsychiatric disorders. <i>Biology of Sex Differences</i> , 2022, 13, 12.	4.1	34
768	Personalized Management and Treatment of Alzheimer's Disease. <i>Life</i> , 2022, 12, 460.	2.4	4

#	ARTICLE	IF	CITATIONS
769	Human Nmnat1 Promotes Autophagic Clearance of Amyloid Plaques in a Drosophila Model of Alzheimer's Disease. <i>Frontiers in Aging Neuroscience</i> , 2022, 14, 852972.	3.4	7
770	Temporal and brain region-specific elevations of soluble Amyloid β_{40} in the Ts65Dn mouse model of Down syndrome and Alzheimer's disease. <i>Aging Cell</i> , 2022, 21, e13590.	6.7	6
771	Dl β 3 α -n α -butylphthalide alleviates cognitive impairment in amyloid precursor protein/presenilin 1 transgenic mice by regulating the striatal-enriched protein tyrosine phosphatase/ERK/cAMP response element-binding protein signaling pathway. <i>Experimental and Therapeutic Medicine</i> , 2022, 23, 319.	1.8	2
772	Alzheimer's Disease: Key Insights from Two Decades of Clinical Trial Failures. <i>Journal of Alzheimer's Disease</i> , 2022, 87, 83-100.	2.6	56
773	Chemistry, pharmacokinetics, pharmacological activities, and toxicity of Quercitrin. <i>Phytotherapy Research</i> , 2022, 36, 1545-1575.	5.8	42
774	Prevalence and characteristics of psychiatric morbidity treated in specialized health care in a nationwide cohort of people with newly diagnosed Alzheimer's disease. <i>Acta Psychiatrica Scandinavica</i> , 2022, 145, 507-516.	4.5	1
775	Molecular Insights into Therapeutic Potentials of Hybrid Compounds Targeting Alzheimer's Disease. <i>Molecular Neurobiology</i> , 2022, 59, 3512-3528.	4.0	15
776	Development of Fluid Biomarkers for Alzheimer's Disease. , 2022, , 361-374.		0
777	Cerebrospinal Fluid Profile of Tau, Phosphorylated Tau, A β ₄₂ , and A β ₄₀ in Probable Cerebral Amyloid Angiopathy. <i>Journal of Alzheimer's Disease</i> , 2022, 87, 791-802.	2.6	10
778	Revealing Formaldehyde Fluxes in Alzheimer's Disease Brain by an Activity-Based Fluorescence Probe. <i>Chinese Journal of Chemistry</i> , 2022, 40, 1457-1463.	4.9	10
779	Non-linear archetypal analysis of single-cell RNA-seq data by deep autoencoders. <i>PLoS Computational Biology</i> , 2022, 18, e1010025.	3.2	7
780	Insulin resistance, cognition and Alzheimer's disease biomarkers: Evidence that CSF A β ₄₂ moderates the association between insulin resistance and increased CSF tau levels. <i>Neurobiology of Aging</i> , 2022, 114, 38-48.	3.1	5
782	Insulin gene expression and functional activity of insulin signaling pathway in Alzheimer's disease. <i>Fundamental and Clinical Medicine</i> , 2021, 6, 8-21.	0.3	0
783	Effects of transcranial ultrasound stimulation pulsed at 40 μ Hz on A β ₁₋₄₂ plaques and brain rhythms in 5 α -FAD mice. <i>Translational Neurodegeneration</i> , 2021, 10, 48.	8.0	17
784	Structural amyloid plaque polymorphism is associated with distinct lipid accumulations revealed by trapped ion mobility mass spectrometry imaging. <i>Journal of Neurochemistry</i> , 2022, 160, 482-498.	3.9	17
785	Mining relations between neuropsychological data to characterize Alzheimer's disease. , 2021, , .		1
786	China Registry Study on Cognitive Impairment in the Elderly: Protocol of a Prospective Cohort Study. <i>Frontiers in Aging Neuroscience</i> , 2021, 13, 797704.	3.4	2
787	Alzheimer's disease modification mediated by bone marrow-derived macrophages via a TREM2-independent pathway in mouse model of amyloidosis. <i>Nature Aging</i> , 2022, 2, 60-73.	11.6	12

#	ARTICLE	IF	CITATIONS
788	Secretases Related to Amyloid Precursor Protein Processing. <i>Membranes</i> , 2021, 11, 983.	3.0	13
789	Functional Gallic Acid-Based Dendrimers as Synthetic Nanotools to Remodel Amyloid- β 2-42 into Noncytotoxic Forms. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 59673-59682.	8.0	9
790	Polyglutamine-Specific Gold Nanoparticle Complex Alleviates Mutant Huntingtin-Induced Toxicity. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 60894-60906.	8.0	3
791	Microglia and monocytes in inflammatory CNS disease: integrating phenotype and function. <i>Acta Neuropathologica</i> , 2022, 143, 179-224.	7.7	82
792	Missing lnc(RNAs) in Alzheimer's Disease?. <i>Genes</i> , 2022, 13, 39.	2.4	3
793	Systems Biology to Address Unmet Medical Needs in Neurological Disorders. <i>Methods in Molecular Biology</i> , 2022, 2486, 247-276.	0.9	4
794	Impact of Anti-amyloid- β Monoclonal Antibodies on the Pathology and Clinical Profile of Alzheimer's Disease: A Focus on Aducanumab and Lecanemab. <i>Frontiers in Aging Neuroscience</i> , 2022, 14, 870517.	3.4	91
795	Lipid Peroxidation Induced ApoE Receptor-Ligand Disruption as a Unifying Hypothesis Underlying Sporadic Alzheimer's Disease in Humans. <i>Journal of Alzheimer's Disease</i> , 2022, 87, 1251-1290.	2.6	8
821	Contribution of proteases to the hallmarks of aging and to age-related neurodegeneration. <i>Aging Cell</i> , 2022, 21, e13603.	6.7	19
823	Regional changes with global brain hypometabolism indicates a physiological triage phenomenon and can explain shared pathophysiological events in Alzheimer's & small vessel diseases and delirium.. <i>American Journal of Nuclear Medicine and Molecular Imaging</i> , 2021, 11, 492-506.	1.0	0
824	Nuclear pore complexes "a doorway to neural injury in neurodegeneration. <i>Nature Reviews Neurology</i> , 2022, 18, 348-362.	10.1	33
825	Alteration of miRNAs in Small Neuron-Derived Extracellular Vesicles of Alzheimer's Disease Patients and the Effect of Extracellular Vesicles on Microglial Immune Responses. <i>Journal of Molecular Neuroscience</i> , 2022, 72, 1182-1194.	2.3	12
826	Association Between Tea Drinking and Cognitive Disorders in Older Adults: A Meta-Analysis of Observational Studies. <i>Frontiers in Aging Neuroscience</i> , 2022, 14, 845053.	3.4	3
827	Differences in Tau Seeding in Newborn and Adult Wild-Type Mice. <i>International Journal of Molecular Sciences</i> , 2022, 23, 4789.	4.1	3
828	Ovocystatin Induced Changes in Expression of Alzheimer's Disease Relevant Proteins in APP/PS1 Transgenic Mice. <i>Journal of Clinical Medicine</i> , 2022, 11, 2372.	2.4	2
829	Bioactive human Alzheimer brain soluble A β : pathophysiology and therapeutic opportunities. <i>Molecular Psychiatry</i> , 2022, 27, 3182-3191.	7.9	14
830	Central and Peripheral Immune Dysregulation in Posttraumatic Stress Disorder: Convergent Multi-Omics Evidence. <i>Biomedicines</i> , 2022, 10, 1107.	3.2	4
831	The Therapeutic Role of Ketogenic Diet in Neurological Disorders. <i>Nutrients</i> , 2022, 14, 1952.	4.1	29

#	ARTICLE	IF	CITATIONS
832	Identification of potential human beta-secretase 1 inhibitors by hierarchical virtual screening and molecular dynamics. <i>Journal of Biomolecular Structure and Dynamics</i> , 2023, 41, 4560-4574.	3.5	4
833	DWI-based MR thermometry: could it discriminate Alzheimer's disease from mild cognitive impairment and healthy subjects?. <i>Neuroradiology</i> , 2022, , .	2.2	4
834	Mesenchymal Stem Cells: New Alternatives for Nervous System Disorders. <i>Current Stem Cell Research and Therapy</i> , 2023, 18, 299-321.	1.3	1
835	Amyloid- β^2 Oligomers: Multiple Moving Targets. <i>Biophysica</i> , 2022, 2, 91-110.	1.4	17
836	Platanic acid derived amides are more cytotoxic than their corresponding oximes. <i>Medicinal Chemistry Research</i> , 2022, 31, 1049-1059.	2.4	3
837	A novel approach to type 3 diabetes mechanism: The interplay between noncoding RNAs and insulin signaling pathway in Alzheimer's disease. <i>Journal of Cellular Physiology</i> , 2022, 237, 2838-2861.	4.1	4
838	Phytocannabinoids and Cannabis-Based Products as Alternative Pharmacotherapy in Neurodegenerative Diseases: From Hypothesis to Clinical Practice. <i>Frontiers in Cellular Neuroscience</i> , 0, 16, .	3.7	12
839	A multi-site, multi-participant magnetoencephalography resting-state dataset to study dementia: The BioFIND dataset. <i>NeuroImage</i> , 2022, 258, 119344.	4.2	7
840	Multiscale entropy analysis of retinal signals reveals reduced complexity in a mouse model of Alzheimer's disease. <i>Scientific Reports</i> , 2022, 12, .	3.3	1
841	Secondary structures in RNA synthesis, splicing and translation. <i>Computational and Structural Biotechnology Journal</i> , 2022, 20, 2871-2884.	4.1	13
843	Integration of Network Pharmacology and Molecular Docking Technology Reveals the Mechanism of the Therapeutic Effect of Xixin Decoction on Alzheimer's Disease. <i>Combinatorial Chemistry and High Throughput Screening</i> , 2022, 25, 1785-1804.	1.1	3
844	Critical roles of protein disulfide isomerases in balancing proteostasis in the nervous system. <i>Journal of Biological Chemistry</i> , 2022, 298, 102087.	3.4	11
845	Association of Plasma Biomarker Levels With Their CSF Concentration and the Number and Severity of Concussions in Professional Athletes. <i>Neurology</i> , 2022, 99, .	1.1	10
846	Design, synthesis, biological activity evaluation and in silico studies of new nicotinohydrazide derivatives as multi-targeted inhibitors for Alzheimer's disease. <i>Journal of Molecular Structure</i> , 2022, 1265, 133441.	3.6	6
847	Revisiting Preclinical Observations of Several Histamine H3 Receptor Antagonists/Inverse Agonists in Cognitive Impairment, Anxiety, Depression, and Sleep-Wake Cycle Disorder. <i>Frontiers in Pharmacology</i> , 0, 13, .	3.5	9
848	Mitophagy in Alzheimer's disease: Molecular defects and therapeutic approaches. <i>Molecular Psychiatry</i> , 2023, 28, 202-216.	7.9	48
849	Phloroglucinol, a clinical-used antispasmodic, inhibits amyloid aggregation and degrades the pre-formed amyloid proteins. <i>International Journal of Biological Macromolecules</i> , 2022, 213, 675-689.	7.5	2
851	Systemic perturbations of the kynurenine pathway precede progression to dementia independently of amyloid- β^2 . <i>Neurobiology of Disease</i> , 2022, 171, 105783.	4.4	5

#	ARTICLE	IF	CITATIONS
852	Amyloid Beta Peptide-Mediated Alterations in Mitochondrial Dynamics and its Implications for Alzheimer's Disease. <i>CNS and Neurological Disorders - Drug Targets</i> , 2023, 22, 1039-1056.	1.4	1
854	Circ-HUWE1 Knockdown Alleviates Amyloid- β -Induced Neuronal Injury in SK-N-SH Cells via miR-433-3p Release-Mediated FGF7 Downregulation. <i>Neurotoxicity Research</i> , 2022, 40, 913-924.	2.7	5
855	Brain Structural and Functional Changes in Cognitive Impairment Due to Alzheimer's Disease. <i>Frontiers in Psychology</i> , 0, 13, .	2.1	14
856	Distributed genetic architecture across the hippocampal formation implies common neuropathology across brain disorders. <i>Nature Communications</i> , 2022, 13, .	12.8	12
857	Chronic vitamin D3 supplementation alleviates cognition impairment via inhibition of oxidative stress regulated by PI3K/AKT/Nrf2 in APP/PS1 transgenic mice. <i>Neuroscience Letters</i> , 2022, 783, 136725.	2.1	5
858	Current peptide vaccine and immunotherapy approaches against Alzheimer's disease. <i>Peptide Science</i> , 2023, 115, .	1.8	8
859	Cathepsin B Gene Knockout Improves Behavioral Deficits and Reduces Pathology in Models of Neurologic Disorders. <i>Pharmacological Reviews</i> , 2022, 74, 600-629.	16.0	29
860	UHPLC-HRMS study of pharmacokinetics of a novel hybrid cholinesterase inhibitor K1234: a comparison between in silico, in vitro and in vivo data. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2022, , 114898.	2.8	0
861	Strategies for developing Alzheimer's disease treatments: application of population pharmacokinetic and pharmacodynamic models. <i>Journal of Pharmaceutical Investigation</i> , 2022, 52, 519-538.	5.3	2
862	<scp>ERp57</scp> chaperon protein protects neuronal cells from A β -induced toxicity. <i>Journal of Neurochemistry</i> , 2022, 162, 322-336.	3.9	6
863	Rotor-Tuning Boron Dipyrromethenes for Dual-Functional Imaging of A β Oligomers and Viscosity. <i>ACS Applied Bio Materials</i> , 2022, 5, 3049-3056.	4.6	1
864	Amyloid- β Inspired Short Peptide Amphiphile Facilitates Synthesis of Silver Nanoparticles as Potential Antibacterial Agents. <i>ChemMedChem</i> , 2022, 17, .	3.2	6
865	Multi-Target Effects of γ -Caryophyllene and Carnosic Acid at the Crossroads of Mitochondrial Dysfunction and Neurodegeneration: From Oxidative Stress to Microglia-Mediated Neuroinflammation. <i>Antioxidants</i> , 2022, 11, 1199.	5.1	11
866	8-Hydroxyquinolines: A Promising Pharmacophore Potentially Developed as Disease-Modifying Agents for Neurodegenerative Diseases: A Review. <i>Heterocycles</i> , 2022, 105, 202.	0.7	1
867	Organs-on-a-Chip in Preclinical Studies. , 2022, , 557-588.		1
868	Therapeutic Potential of Astrocyte Transplantation. <i>Cell Transplantation</i> , 2022, 31, 096368972211054.	2.5	13
869	A shared disease-associated oligodendrocyte signature among multiple CNS pathologies. <i>Nature Neuroscience</i> , 2022, 25, 876-886.	14.8	84
870	Post-Translationally Regulated Protein Arginine-to-Proline Conversion in Alzheimer's Brains. <i>Life</i> , 2022, 12, 967.	2.4	0

#	ARTICLE	IF	CITATIONS
871	Changes in the expression profiles of oligodendrocytes are shared in different brain pathologies. <i>Nature Neuroscience</i> , 2022, 25, 845-846.	14.8	1
872	Differentially Aquaporin 5 Expression in Submandibular Glands and Cerebral Cortex in Alzheimer's Disease. <i>Biomedicines</i> , 2022, 10, 1645.	3.2	4
873	Patient-Derived Fibroblasts With Presenilin-1 Mutations, That Model Aspects of Alzheimer's Disease Pathology, Constitute a Potential Object for Early Diagnosis. <i>Frontiers in Aging Neuroscience</i> , 0, 14, .	3.4	3
874	Immune Response at the Crossroads of Atherosclerosis and Alzheimer's Disease. <i>Frontiers in Cardiovascular Medicine</i> , 0, 9, .	2.4	5
875	Reduced HGF/MET Signaling May Contribute to the Synaptic Pathology in an Alzheimer's Disease Mouse Model. <i>Frontiers in Aging Neuroscience</i> , 0, 14, .	3.4	2
876	Aspartic Acid-Modified Phospholipids Regulate Cell Response and Rescue Memory Deficits in APP/PS1 Transgenic Mice. <i>ACS Chemical Neuroscience</i> , 2022, 13, 2154-2163.	3.5	1
878	Activation of the hypoxia response protects mice from amyloid- β^2 accumulation. <i>Cellular and Molecular Life Sciences</i> , 2022, 79, .	5.4	4
879	Chaperone-Mediated Autophagy in Neurodegenerative Diseases: Molecular Mechanisms and Pharmacological Opportunities. <i>Cells</i> , 2022, 11, 2250.	4.1	12
880	Neuronal nuclear tau and neurodegeneration. <i>Neuroscience</i> , 2023, 518, 178-184.	2.3	10
881	Delivering the Promise of Gene Therapy with Nanomedicines in Treating Central Nervous System Diseases. <i>Advanced Science</i> , 2022, 9, .	11.2	19
882	Transplantation of fecal microbiota from APP/PS1 mice and Alzheimer's disease patients enhanced endoplasmic reticulum stress in the cerebral cortex of wild-type mice. <i>Frontiers in Aging Neuroscience</i> , 0, 14, .	3.4	10
883	Plasma high-density lipoprotein cargo is altered in Alzheimer's disease and is associated with regional brain volume. <i>Journal of Neurochemistry</i> , 2022, 163, 53-67.	3.9	6
884	Functionalization strategies of polymeric nanoparticles for drug delivery in Alzheimer's disease: Current trends and future perspectives. <i>Frontiers in Neuroscience</i> , 0, 16, .	2.8	16
885	Aberrant splicing of <i>PSEN2</i> , but not <i>PSEN1</i> , in individuals with sporadic Alzheimer's disease. <i>Brain</i> , 2023, 146, 507-518.	7.6	4
886	Spreading of P301S Aggregated Tau Investigated in Organotypic Mouse Brain Slice Cultures. <i>Biomolecules</i> , 2022, 12, 1164.	4.0	3
887	Textural features reflecting local activity of the hippocampus improve the diagnosis of Alzheimer's disease and amnesic mild cognitive impairment: A radiomics study based on functional magnetic resonance imaging. <i>Frontiers in Neuroscience</i> , 0, 16, .	2.8	6
888	Cognitive Decline and BPSD Are Concomitant with Autophagic and Synaptic Deficits Associated with C9a Alterations in Aged SAMP8 Mice. <i>Cells</i> , 2022, 11, 2603.	4.1	12
889	Cerebrospinal fluid β^2 -synuclein as a synaptic biomarker for preclinical Alzheimer's disease. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2023, 94, 83-86.	1.9	7

#	ARTICLE	IF	CITATIONS
890	Sex specific EEG signatures associated with cerebrospinal fluid biomarkers in mild cognitive impairment. <i>Clinical Neurophysiology</i> , 2022, 142, 190-198.	1.5	2
891	Integrated Analysis of Cortex Single-Cell Transcriptome and Serum Proteome Reveals the Novel Biomarkers in Alzheimer's Disease. <i>Brain Sciences</i> , 2022, 12, 1022.	2.3	11
892	APOE ϵ 4 and Alzheimer's disease diagnosis associated differences in L-carnitine, GBB, TMAO, and acylcarnitines in blood and brain. <i>Current Research in Translational Medicine</i> , 2023, 71, 103362.	1.8	3
893	The effect of chronic stress and its preconditioning on spatial memory as well as hippocampal LRP1 and RAGE expression in a streptozotocin-induced rat model of Alzheimer's disease. <i>Metabolic Brain Disease</i> , 2022, 37, 2699-2710.	2.9	1
894	Circadian dysfunction and Alzheimer's disease – An updated review. <i>Aging Medicine (Milton (N S W))</i> , 2023, 6, 71-81.	2.1	12
895	Dementia Prevention Research Clinic: a longitudinal study investigating factors influencing the development of Alzheimer's disease in Aotearoa, New Zealand. <i>Journal of the Royal Society of New Zealand</i> , 0, , 1-22.	1.9	2
896	Astrocyte energy and neurotransmitter metabolism in Alzheimer's disease: Integration of the glutamate/GABA-glutamine cycle. <i>Progress in Neurobiology</i> , 2022, 217, 102331.	5.7	69
897	Tetramerization of the S100B Chaperone Spawns a Ca ²⁺ Independent Regulatory Surface that Enhances Anti-aggregation Activity and Client Specificity. <i>Journal of Molecular Biology</i> , 2022, 434, 167791.	4.2	5
898	The mitochondrial unfolded protein response: A multitasking giant in the fight against human diseases. <i>Ageing Research Reviews</i> , 2022, 81, 101702.	10.9	17
899	Pyroptosis as a candidate therapeutic target for Alzheimer's disease. <i>Frontiers in Aging Neuroscience</i> , 0, 14, .	3.4	4
901	The Impairment of Blood-Brain Barrier in Alzheimer's Disease: Challenges and Opportunities with Stem Cells. <i>International Journal of Molecular Sciences</i> , 2022, 23, 10136.	4.1	6
902	Protein tyrosine phosphatase 1B (PTP1B) as a potential therapeutic target for neurological disorders. <i>Biomedicine and Pharmacotherapy</i> , 2022, 155, 113709.	5.6	16
903	Membrane estrogen receptor ER α activation improves tau clearance via autophagy induction in a tauopathy cell model. <i>Brain Research</i> , 2022, 1795, 148079.	2.2	6
904	Development of novel near-infrared GFP chromophore-based fluorescent probes for imaging of amyloid- β plaque and viscosity. <i>Sensors and Actuators B: Chemical</i> , 2022, 372, 132648.	7.8	7
905	Breathing disorders in neurodegenerative diseases. <i>Handbook of Clinical Neurology</i> / Edited By P J Vinken and G W Bruyn, 2022, , 223-239.	1.8	0
906	Pharmacogenomics of Alzheimer's Disease: Novel Strategies for Drug Utilization and Development. <i>Methods in Molecular Biology</i> , 2022, , 275-387.	0.9	4
907	Curriculum learning for early Alzheimer's Disease diagnosis. , 2022, , .		1
908	Exploring the mechanism of YangXue QingNao Wan based on network pharmacology in the treatment of Alzheimer's disease. <i>Frontiers in Genetics</i> , 0, 13, .	2.3	0

#	ARTICLE	IF	CITATIONS
909	The emerging neuroprotective roles of exerkines in Alzheimer's disease. <i>Frontiers in Aging Neuroscience</i> , 0, 14, .	3.4	11
910	Magnesium may be an effective therapy for Alzheimer's disease. <i>World Journal of Psychiatry</i> , 2022, 12, 1261-1263.	2.7	0
911	Antioxidant, Antidiabetic, Anticholinergic, and Antiglaucoma Effects of Magnofluorine. <i>Molecules</i> , 2022, 27, 5902.	3.8	30
912	Public Awareness of Alzheimer's Disease: A Cross-Sectional Study from Saudi Arabia. <i>International Journal of General Medicine</i> , 0, Volume 15, 7535-7546.	1.8	3
913	Clinical impact of microbleeds in patients with Alzheimer's disease. <i>BMC Geriatrics</i> , 2022, 22, .	2.7	3
914	Cryptotanshinone Alleviates Oxidative Stress and Reduces the Level of Abnormally Aggregated Protein in <i>Caenorhabditis elegans</i> AD Models. <i>International Journal of Molecular Sciences</i> , 2022, 23, 10030.	4.1	4
915	Effect and Mechanism of Exogenous Melatonin on Cognitive Deficits in Animal Models of Alzheimer's Disease: A Systematic Review and Meta-analysis. <i>Neuroscience</i> , 2022, 505, 91-110.	2.3	2
916	A CHCHD6-APP axis connects amyloid and mitochondrial pathology in Alzheimer's disease. <i>Acta Neuropathologica</i> , 0, .	7.7	3
918	Editorial: Non-coding RNA in Alzheimer's pathology and diagnosis. <i>Frontiers in Aging Neuroscience</i> , 0, 14, .	3.4	0
919	Measures of cortical microstructure are linked to amyloid pathology in Alzheimer's disease. <i>Brain</i> , 2023, 146, 1602-1614.	7.6	10
920	The therapeutic prospects and challenges of human neural stem cells for the treatment of Alzheimer's Disease. <i>Cell Regeneration</i> , 2022, 11, .	2.6	6
921	Tauopathy and alcohol consumption interact to alter locus coeruleus excitatory transmission and excitability in male and female mice. <i>Alcohol</i> , 2023, 107, 97-107.	1.7	5
922	Bioinformatics analysis of diagnostic biomarkers for Alzheimer's disease in peripheral blood based on sex differences and support vector machine algorithm. <i>Hereditas</i> , 2022, 159, .	1.4	0
923	Vacuolar ATPase (V-ATPase) Proton Pump and Its Significance in Human Health. <i>Biochemistry</i> , 0, .	1.2	0
924	Protective effect of <i>Lactococcus laudensis</i> and <i>Pediococcus parvulus</i> against neuropathy due to amyloid-beta in <i>Caenorhabditis elegans</i> . <i>Biomedicine and Pharmacotherapy</i> , 2022, 155, 113769.	5.6	1
925	Neuroimaging and clinical characteristics of cognitive migration in community-dwelling older adults. <i>NeuroImage: Clinical</i> , 2022, 36, 103232.	2.7	1
926	Acacetin improves cognitive function of APP/PS1 Alzheimer's disease model mice via the NLRP3 inflammasome signaling pathway. <i>Translational Neuroscience</i> , 2022, 13, 390-397.	1.4	3
927	The emerging role of the microbiome in Alzheimer's disease. <i>International Review of Neurobiology</i> , 2022, , 101-139.	2.0	8

#	ARTICLE	IF	CITATIONS
928	Role of Vitronectin and Its Receptors in Neuronal Function and Neurodegenerative Diseases. International Journal of Molecular Sciences, 2022, 23, 12387.	4.1	8
929	Neuropsychological decrements in midlife type-2 diabetes are not associated with peripheral NLRP3 inflammasome responsiveness. Frontiers in Immunology, 0, 13, .	4.8	3
930	Targeting Alzheimer's Disease: The Critical Crosstalk between the Liver and Brain. Nutrients, 2022, 14, 4298.	4.1	13
931	Incretin and insulin signaling as novel therapeutic targets for Alzheimer's and Parkinson's disease. Molecular Psychiatry, 2023, 28, 217-229.	7.9	21
932	Rat Group IIA Secreted Phospholipase A2 Binds to Cytochrome c Oxidase and Inhibits Its Activity: A Possible Episode in the Development of Alzheimer's Disease. International Journal of Molecular Sciences, 2022, 23, 12368.	4.1	1
933	Patient values and preferences regarding prognostic counseling in isolated REM sleep behavior disorder. Sleep, 2023, 46, .	1.1	12
934	Cognitive Impairment in Older Adults. Psychiatric Clinics of North America, 2022, 45, 639-661.	1.3	12
935	Brown adipose tissue and Alzheimer's disease. Metabolic Brain Disease, 0, , .	2.9	1
936	Glial Glutamine Homeostasis in Health and Disease. Neurochemical Research, 2023, 48, 1100-1128.	3.3	18
937	Multicomponent reactions as a privileged tool for multitarget-directed ligand strategies in Alzheimer's disease therapy. Future Medicinal Chemistry, 2022, 14, 1583-1606.	2.3	3
938	A Therapeutic Nanovaccine that Generates Anti-Amyloid Antibodies and Amyloid-specific Regulatory T Cells for Alzheimer's Disease. Advanced Materials, 2023, 35, .	21.0	17
940	Transcranial deep-tissue phototherapy for Alzheimer's disease using low-dose X-ray-activated long-afterglow scintillators. Acta Biomaterialia, 2023, 155, 635-643.	8.3	4
941	Gingivitt- og periodontittutl�sende bakterier er funnet i hjernen hos personer med Alzheimers sykdom. , 2019, 130, .		0
942	Altered functional connectivity pattern of hippocampal subfields in individuals with objectively�defined subtle cognitive decline and its association with cognition and cerebrospinal fluid biomarkers. European Journal of Neuroscience, 2022, 56, 6227-6238.	2.6	2
944	A High-Quality CdSe/CdS/ZnS Quantum-Dot-Based FRET Aptasensor for the Simultaneous Detection of Two Different Alzheimer's Disease Core Biomarkers. Nanomaterials, 2022, 12, 4031.	4.1	9
945	Focus on Alzheimer's Disease: The Role of Fibroblast Growth Factor 21 and Autophagy. Neuroscience, 2023, 511, 13-28.	2.3	2
946	Reduced Expression of Voltage-Gated Sodium Channel Beta 2 Restores Neuronal Injury and Improves Cognitive Dysfunction Induced by A�1-42. Neural Plasticity, 2022, 2022, 1-21.	2.2	1
947	Interleukin-17 Promotes the Infiltration of CD8+ T Cells into the Brain in a Mouse Model for Alzheimer's Disease. Immunological Investigations, 2023, 52, 135-153.	2.0	6

#	ARTICLE	IF	CITATIONS
948	Hypertension and hyperhomocysteinemia as modifiable risk factors for Alzheimer's disease and dementia: New evidence, potential therapeutic strategies, and biomarkers. <i>Alzheimer's and Dementia</i> , 2023, 19, 671-695.	0.8	15
949	The CircRNAs for Diagnostic, Prognostic, and Therapy in Alzheimer's Disease. <i>Advances in Bioscience and Biotechnology (Print)</i> , 2022, 13, 507-526.	0.7	0
950	Pharmacological and Pathological Relevance of S100 Proteins in Neurological Disorders. <i>CNS and Neurological Disorders - Drug Targets</i> , 2023, 22, 1403-1416.	1.4	5
951	Chronotherapeutic neuroprotective effect of verapamil against lipopolysaccharide-induced neuroinflammation in mice through modulation of calcium-dependent genes. <i>Molecular Medicine</i> , 2022, 28, .	4.4	3
952	Development of Neuroprotective Agents for the Treatment of Alzheimer's Disease using Conjugates of Serotonin with Sesquiterpene Lactones. <i>Current Medicinal Chemistry</i> , 2024, 31, 529-551.	2.4	2
953	An update on the use of gamma (multi)sensory stimulation for Alzheimer's disease treatment. <i>Frontiers in Aging Neuroscience</i> , 0, 14, .	3.4	12
954	PGCLCs of human 45,XO reveal pathogenetic pathways of neurocognitive and psychosocial disorders. <i>Cell and Bioscience</i> , 2022, 12, .	4.8	1
955	Guanosine Prevents Spatial Memory Impairment and Hippocampal Damage Following Amyloid- β Administration in Mice. <i>Metabolites</i> , 2022, 12, 1207.	2.9	6
956	Lecanemab in patients with early Alzheimer's disease: detailed results on biomarker, cognitive, and clinical effects from the randomized and open-label extension of the phase 2 proof-of-concept study. <i>Alzheimer's Research and Therapy</i> , 2022, 14, .	6.2	70
957	Biginelli Reaction Synthesis of Novel Multitarget-Directed Ligands with Ca ²⁺ Channel Blocking Ability, Cholinesterase Inhibition, Antioxidant Capacity, and Nrf2 Activation. <i>Molecules</i> , 2023, 28, 71.	3.8	5
958	Activation of the RMTg Nucleus by Chemogenetic Techniques Alleviates the Learning and Memory Impairment in APP/PS1 Mice. <i>Neuropsychiatric Disease and Treatment</i> , 0, Volume 18, 2957-2965.	2.2	1
959	Graph-based autoencoder integrates spatial transcriptomics with chromatin images and identifies joint biomarkers for Alzheimer's disease. <i>Nature Communications</i> , 2022, 13, .	12.8	14
960	Pyroptosis in Alzheimer's disease: cell type-specific activation in microglia, astrocytes and neurons. <i>Acta Neuropathologica</i> , 2023, 145, 175-195.	7.7	40
961	Proteomic profiling of circulating plasma exosomes reveals novel biomarkers of Alzheimer's disease. <i>Alzheimer's Research and Therapy</i> , 2022, 14, .	6.2	11
962	Exposure to World Trade Center Dust Exacerbates Cognitive Impairment and Evokes a Central and Peripheral Pro-Inflammatory Transcriptional Profile in an Animal Model of Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2023, 91, 779-794.	2.6	4
963	Cognitively impaired aged <i>Octodon degus</i> recapitulate major neuropathological features of sporadic Alzheimer's disease. <i>Acta Neuropathologica Communications</i> , 2022, 10, .	5.2	7
964	Development of therapeutic vaccines for the treatment of diseases. <i>Molecular Biomedicine</i> , 2022, 3, .	4.4	11
965	Hippo-released WWC1 facilitates AMPA receptor regulatory complexes for hippocampal learning. <i>Cell Reports</i> , 2022, 41, 111766.	6.4	5

#	ARTICLE	IF	CITATIONS
966	The effect of the calcium channel blocker nimodipine on hippocampal BDNF/Ach levels in rats with experimental cognitive impairment. <i>Neurological Research</i> , 2023, 45, 544-553.	1.3	2
967	The cellular model for Alzheimer's disease research: PC12 cells. <i>Frontiers in Molecular Neuroscience</i> , 0, 15, .	2.9	14
968	Promising Molecular Targets in Pharmacological Therapy for Neuronal Damage in Brain Injury. <i>Antioxidants</i> , 2023, 12, 118.	5.1	0
969	Single-cell-led drug repurposing for Alzheimer's disease. <i>Scientific Reports</i> , 2023, 13, .	3.3	4
970	Age and APOE affect L-carnitine system metabolites in the brain in the APOE-TR model. <i>Frontiers in Aging Neuroscience</i> , 0, 14, .	3.4	0
971	EEG Entropy in REM Sleep as a Physiologic Biomarker in Early Clinical Stages of Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2023, 91, 1557-1572.	2.6	5
972	Neural stem/progenitor cell therapy for Alzheimer disease in preclinical rodent models: a systematic review and meta-analysis. <i>Stem Cell Research and Therapy</i> , 2023, 14, .	5.5	9
973	Silver Nanoparticle-Embedded Short Amphiphilic Peptide Nanostructures and Their Plausible Application to Reduce Bacterial Infections. <i>ChemMedChem</i> , 2023, 18, .	3.2	1
974	Research and Prospect of Blood Biomarkers for Alzheimer's Disease. <i>Hans Journal of Biomedicine</i> , 2023, 13, 11-19.	0.0	0
975	Iron Oxide Nanoparticle-Incorporated Mesenchymal Stem Cells for Alzheimer's Disease Treatment. <i>Nano Letters</i> , 2023, 23, 476-490.	9.1	7
976	Genome-wide association study of brain biochemical phenotypes reveals distinct genetic architecture of Alzheimer's disease related proteins. <i>Molecular Neurodegeneration</i> , 2023, 18, .	10.8	5
977	Protein acylation: mechanisms, biological functions and therapeutic targets. <i>Signal Transduction and Targeted Therapy</i> , 2022, 7, .	17.1	21
978	Atrial Natriuretic Peptide Associated with Cardiovascular Diseases Inhibits Amyloid- β Aggregation via Cross-Seeding. <i>ACS Chemical Neuroscience</i> , 2023, 14, 312-322.	3.5	3
980	Studies on pomegranate seed oil enriched galantamine hydrobromide microemulsion: formulation, in vitro antioxidant and neuroprotective potential. <i>Pharmaceutical Development and Technology</i> , 2023, 28, 153-163.	2.4	1
981	Genetic Polymorphisms in Oxidative Stress and Inflammatory Pathways as Potential Biomarkers in Alzheimer's Disease and Dementia. <i>Antioxidants</i> , 2023, 12, 316.	5.1	6
982	A Systematic Review of Dietary Supplements in Alzheimer's Disease. <i>Cureus</i> , 2023, , .	0.5	0
983	Histone Modifications in Alzheimer's Disease. <i>Genes</i> , 2023, 14, 347.	2.4	13
984	CELLULAR STRESS RESPONSE (HORMESIS) IN RESPONSE TO BIOACTIVE NUTRACEUTICALS WITH RELEVANCE TO ALZHEIMER DISEASE. <i>Antioxidants and Redox Signaling</i> , 0, , .	5.4	1

#	ARTICLE	IF	CITATIONS
985	Role of Nanomedicine-Based Therapeutics in the Treatment of CNS Disorders. <i>Molecules</i> , 2023, 28, 1283.	3.8	5
986	Plasma Extracellular Vesicle MicroRNA Analysis of Alzheimer's Disease Reveals Dysfunction of a Neural Correlation Network. <i>Research</i> , 2023, 6, .	5.7	2
987	3D genome-selected microRNAs to improve Alzheimer's disease prediction. <i>Frontiers in Neurology</i> , 0, 14, .	2.4	1
988	Sex Differences between Neuronal Loss and the Early Onset of Amyloid Deposits and Behavioral Consequences in 5xFAD Transgenic Mouse as a Model for Alzheimer's Disease. <i>Cells</i> , 2023, 12, 780.	4.1	8
989	Mitochondrion: A bridge linking aging and degenerative diseases. <i>Life Sciences</i> , 2023, 322, 121666.	4.3	2
990	The role of dopamine in NLRP3 inflammasome inhibition: Implications for neurodegenerative diseases. <i>Ageing Research Reviews</i> , 2023, 87, 101907.	10.9	12
991	Defective proteostasis in Alzheimer's disease. <i>Ageing Research Reviews</i> , 2023, 85, 101862.	10.9	9
992	LPS-induced inflammation alters cerebral oxygenation but not blood flow in a mouse model of Alzheimer's disease. , 2023, , .		0
993	Integrative in situ mapping of single-cell transcriptional states and tissue histopathology in a mouse model of Alzheimer's disease. <i>Nature Neuroscience</i> , 0, , .	14.8	21
994	Combinations of Vitamin A and Vitamin E Metabolites Confer Resilience against Amyloid- β Aggregation. <i>ACS Chemical Neuroscience</i> , 2023, 14, 657-666.	3.5	0
995	Osteocalcin ameliorates cognitive dysfunctions in a mouse model of Alzheimer's Disease by reducing amyloid β burden and upregulating glycolysis in neuroglia. <i>Cell Death Discovery</i> , 2023, 9, .	4.7	1
996	A Novel Method of Teaching English to People with Mild Cognitive Impairment Using Songs: A Randomized Controlled Trial Protocol. <i>Journal of Alzheimer's Disease</i> , 2023, 92, 529-546.	2.6	0
997	The promise and challenges of extracellular vesicles in the diagnosis of neurodegenerative diseases. <i>Handbook of Clinical Neurology</i> / Edited By P J Vinken and G W Bruyn, 2023, , 227-241.	1.8	1
998	The effect of Abi3 locus deletion on the progression of Alzheimer's disease-related pathologies. <i>Frontiers in Immunology</i> , 0, 14, .	4.8	1
1000	Soluble and insoluble protein aggregates, endoplasmic reticulum stress, and vascular dysfunction in Alzheimer's disease and cardiovascular diseases. <i>GeroScience</i> , 2023, 45, 1411-1438.	4.6	5
1001	Residue-specific binding of Ni(II) ions influences the structure and aggregation of amyloid beta (A β) peptides. <i>Scientific Reports</i> , 2023, 13, .	3.3	5
1002	The link between static and dynamic brain functional network connectivity and genetic risk of Alzheimer's disease. <i>NeuroImage: Clinical</i> , 2023, 37, 103363.	2.7	2
1003	Association of scrub typhus with incidence of dementia: a nationwide population-based cohort study in Korea. <i>BMC Infectious Diseases</i> , 2023, 23, .	2.9	1

#	ARTICLE	IF	CITATIONS
1004	Neuroinflammation in Alzheimer's disease: potential beneficial effects of vitamin D. <i>Metabolic Brain Disease</i> , 2023, 38, 819-829.	2.9	4
1005	Paeoniflorin Attenuates Lipopolysaccharide-Induced Cognitive Dysfunction by Inhibition of Amyloidogenesis in Mice. <i>International Journal of Molecular Sciences</i> , 2023, 24, 4838.	4.1	0
1006	Cellular response to $A\beta$ amyloid neurotoxicity in Alzheimer's disease and implications in new therapeutics. <i>Animal Models and Experimental Medicine</i> , 2023, 6, 3-9.	3.3	6
1007	Microglia-mediated T cell infiltration drives neurodegeneration in tauopathy. <i>Nature</i> , 2023, 615, 668-677.	27.8	129
1008	Effect of Ovocystatin on Amyloid $A\beta$ 1-42 Aggregation in Vitro Studies. <i>International Journal of Molecular Sciences</i> , 2023, 24, 5433.	4.1	2
1009	Cathepsin B Deficiency Improves Memory Deficits and Reduces Amyloid- $A\beta$ in hA β PP Mouse Models Representing the Major Sporadic Alzheimer's Disease Condition. <i>Journal of Alzheimer's Disease</i> , 2023, 93, 33-46.	2.6	7
1010	Endothelial Glycocalyx in Aging and Age-related Diseases. , 2023, 14, 1606.		1
1011	Sleep Disturbances Generate Alzheimer's Disease Through Inflammation. , 0, 36, 261-268.		0
1012	Epilepsy and Neurodegeneration. , 2023, , 1-15.		0
1014	Current Drug Treatments in Alzheimer's Disease. , 0, 36, 297-302.		0
1015	Probing neural circuit mechanisms in Alzheimer's disease using novel technologies. <i>Molecular Psychiatry</i> , 2023, 28, 4407-4420.	7.9	3
1017	APPswe/PS1dE9/Blg Transgenic Mouse Line for Modeling Cerebral Amyloid Angiopathy Associated with Alzheimer's Disease. <i>Molecular Biology</i> , 2023, 57, 74-82.	1.3	2
1018	Disturbed circadian rhythm and retinal degeneration in a mouse model of Alzheimer's disease. <i>Acta Neuropathologica Communications</i> , 2023, 11, .	5.2	4
1019	A new class of monoclonal $A\beta$ antibodies selectively targets and triggers deposition of $A\beta$ protofibrils. <i>Journal of Neurochemistry</i> , 2023, 165, 860-873.	3.9	2
1020	Reproducible Abnormalities and Diagnostic Generalizability of White Matter in Alzheimer's Disease. <i>Neuroscience Bulletin</i> , 2023, 39, 1533-1543.	2.9	1
1021	Do Epilepsy Patients with Cognitive Impairment Have Alzheimer's Disease-like Brain Metabolism?. <i>Biomedicine</i> , 2023, 11, 1108.	3.2	0
1022	Deciphering mechanisms of action of ACE inhibitors in neurodegeneration using Drosophila models of Alzheimer's disease. <i>Frontiers in Neuroscience</i> , 0, 17, .	2.8	3
1023	Plasma neurodegeneration biomarker concentrations associate with glymphatic and meningeal lymphatic measures in neurological disorders. <i>Nature Communications</i> , 2023, 14, .	12.8	7

#	ARTICLE	IF	CITATIONS
1024	Programmed ageing: decline of stem cell renewal, immunosenescence, and Alzheimer's disease. <i>Biological Reviews</i> , 2023, 98, 1424-1458.	10.4	12
1025	How to Prevent and/or Revert Alzheimer's Disease Continuum During Preclinical Phases. <i>Journal of Alzheimer's Disease Reports</i> , 2023, 7, 505-512.	2.2	1
1026	Biomarkers of aging. <i>Science China Life Sciences</i> , 2023, 66, 893-1066.	4.9	60
1028	The central administration of vitisin a, extracted from <i>Vitis vinifera</i> , improves cognitive function and related signaling pathways in a scopolamine-induced dementia model. <i>Biomedicine and Pharmacotherapy</i> , 2023, 163, 114812.	5.6	3
1029	Molecular mechanisms and genetics of Alzheimer's disease. <i>Biyokimya Dergisi</i> , 2023, .	0.5	0
1030	Sennoside A restrains TRAF6 level to modulate ferroptosis, inflammation and cognitive impairment in aging mice with Alzheimer's Disease. <i>International Immunopharmacology</i> , 2023, 120, 110290.	3.8	3
1031	Cyclitols: From Basic Understanding to Their Association with Neurodegeneration. <i>Nutrients</i> , 2023, 15, 2029.	4.1	1
1032	Role of piRNA biogenesis and its neuronal function in the development of neurodegenerative diseases. <i>Frontiers in Aging Neuroscience</i> , 0, 15, .	3.4	4
1033	Proteomics analysis of prefrontal cortex of Alzheimer's disease patients revealed dysregulated proteins in the disease and novel proteins associated with amyloid- β pathology. <i>Cellular and Molecular Life Sciences</i> , 2023, 80, .	5.4	4
1035	Evaluation of dihydrotestosterone and dihydroprogesterone levels and gene expression of genes involved in neurosteroidogenesis in the SH-SY5Y Alzheimer disease cell model. <i>Frontiers in Neuroscience</i> , 0, 17, .	2.8	0
1036	Uncovering the Significance of STEP61 in Alzheimer's Disease: Structure, Substrates, and Interactome. <i>Cellular and Molecular Neurobiology</i> , 2023, 43, 3099-3113.	3.3	2
1037	Tau polarizes an aging transcriptional signature to excitatory neurons and glia. <i>ELife</i> , 0, 12, .	6.0	3
1038	MicroRNA-511-3p regulates A β 40 induced decreased cell viability and serves as a candidate biomarker in Alzheimer's disease. <i>Experimental Gerontology</i> , 2023, 178, 112195.	2.8	0
1039	Retinal imaging biomarkers of Alzheimer's disease: A systematic review and meta-analysis of studies using brain amyloid beta status for case definition. <i>Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring</i> , 2023, 15, .	2.4	3
1040	Improving Alzheimer's Disease Diagnosis With Multi-Modal PET Embedding Features by a 3D Multi-Task MLP-Mixer Neural Network. <i>IEEE Journal of Biomedical and Health Informatics</i> , 2023, 27, 4040-4051.	6.3	5
1041	Alzheimer's Disease Diagnosis Using MRI Images. <i>Cognitive Technologies</i> , 2023, , 195-212.	0.8	0
1042	The role of pyroptosis in cognitive impairment. <i>Frontiers in Neuroscience</i> , 0, 17, .	2.8	1
1043	Exploring the Potential of Sulfonamide-Dihydropyridine Hybrids as Multitargeted Ligands for Alzheimer's Disease Treatment. <i>International Journal of Molecular Sciences</i> , 2023, 24, 9742.	4.1	2

#	ARTICLE	IF	CITATIONS
1044	What Can Economics Say about Alzheimer's Disease?. Journal of Economic Literature, 2023, 61, 428-470.	6.5	2
1045	Alzheimer's Disease Treatment: The Search for a Breakthrough. Medicina (Lithuania), 2023, 59, 1084.	2.0	6
1046	Autophagy Mechanisms for Brain Recovery. Keep It Clean, Keep It Alive. Contemporary Clinical Neuroscience, 2023, , 41-76.	0.3	0
1047	Disrupted Balance of Gray Matter Volume and Directed Functional Connectivity in Mild Cognitive Impairment and Alzheimer's Disease. Current Alzheimer Research, 2023, 20, 161-174.	1.4	1
1048	Alzheimer's Disease and Age-Related Changes in the Cu Isotopic Composition of Blood Plasma and Brain Tissues of the APPNL-G-F Murine Model Revealed by Multi-Collector ICP-Mass Spectrometry. Biology, 2023, 12, 857.	2.8	0
1049	Sex-based differences in effector cells of the adaptive immune system during Alzheimer's disease and related dementias. Neurobiology of Disease, 2023, 184, 106202.	4.4	3
1050	Hydrogen sulfide signalling in neurodegenerative diseases. British Journal of Pharmacology, 0, , .	5.4	2
1051	Telmisartan Alleviates Alzheimer's Disease-Related Neuropathologies and Cognitive Impairments. Journal of Alzheimer's Disease, 2023, , 1-15.	2.6	1
1052	Neuroimaging modalities in the detection of Alzheimer's disease-associated biomarkers. Psychoradiology, 0, , .	2.3	2
1053	Constant advance replicas method for locating minimum energy paths and transition states. Journal of Computational Chemistry, 2023, 44, 2042-2057.	3.3	0
1054	APOE ϵ 4 allele, along with G206D-PSEN1 mutation, alters mitochondrial networks and their degradation in Alzheimer's disease. Frontiers in Aging Neuroscience, 0, 15, .	3.4	4
1055	Recent progress of nanomedicine in the treatment of Alzheimer's disease. Frontiers in Cell and Developmental Biology, 0, 11, .	3.7	2
1056	Upregulation of extracellular proteins in a mouse model of Alzheimer's disease. Scientific Reports, 2023, 13, .	3.3	1
1057	Local genetic correlations exist among neurodegenerative and neuropsychiatric diseases. Npj Parkinson's Disease, 2023, 9, .	5.3	4
1058	Using stable isotope tracing to unravel the metabolic components of neurodegeneration: Focus on neuron-glia metabolic interactions. Neurobiology of Disease, 2023, 182, 106145.	4.4	3
1059	Whole-exome sequencing detected a novel APP variant in a Han-Chinese family with Alzheimer's disease. Molecular Biology Reports, 2023, 50, 5267-5271.	2.3	0
1060	Fundamental neurochemistry review: Old brain stories – Influence of age and sex on the neurodegeneration-associated lipid changes. Journal of Neurochemistry, 2023, 166, 427-452.	3.9	1
1061	The amyloid cascade hypothesis: an updated critical review. Brain, 2023, 146, 3969-3990.	7.6	28

#	ARTICLE	IF	CITATIONS
1062	Protective Roles of Hydrogen Sulfide in Alzheimer's Disease and Traumatic Brain Injury. Antioxidants, 2023, 12, 1095.	5.1	11
1063	Chiral Amino Acid Profiling in Serum Reveals Potential Biomarkers for Alzheimer's Disease. Journal of Alzheimer's Disease, 2023, 94, 291-301.	2.6	2
1065	Peripheral Administration of the Kv1.3-Blocking Peptide HsTX1 [R14A] Improves Cognitive Performance in Senescence Accelerated SAMP8 Mice. Neurotherapeutics, 2023, 20, 1198-1214.	4.4	3
1066	Emerging concepts towards a translational framework in Alzheimer's disease. Neuroscience and Biobehavioral Reviews, 2023, 152, 105246.	6.1	1
1067	Co-twin design in brain imaging—review on biomarkers of Alzheimer's disease. Cerebral Cortex, 2023, 33, 9054-9066.	2.9	1
1068	G-quadruplexes and associated proteins in aging and Alzheimer's disease. Frontiers in Aging, 0, 4, .	2.6	6
1069	Aberrant palmitoylation caused by a ZDHHC21 mutation contributes to pathophysiology of Alzheimer's disease. BMC Medicine, 2023, 21, .	5.5	4
1070	The effects of low-dose radiation therapy in patients with mild-to-moderate Alzheimer's dementia: an interim analysis of a pilot study. Radiation Oncology Journal, 2023, 41, 89-97.	1.5	2
1071	Case report: Chorea and cognitive decline in a young woman: instrumental and genetic assessment of a case originally diagnosed as multiple sclerosis. Frontiers in Genetics, 0, 14, .	2.3	0
1072	ABC Transporter C1 Prevents Dimethyl Fumarate from Targeting Alzheimer's Disease. Biology, 2023, 12, 932.	2.8	2
1073	Understanding the Mechanisms of Amyloid Beta (A β) Aggregation by Computational Modeling. Neuromethods, 2023, , 51-71.	0.3	0
1074	Recent Advances in Computational Modeling of Multi-targeting Inhibitors as Anti-Alzheimer Agents. Neuromethods, 2023, , 231-277.	0.3	0
1075	Looking at the periphery—new hypothesis to look for new targets for Alzheimer's disease therapy. , 0, , 151-163.		0
1076	Machine learning in the positron emission tomography imaging of Alzheimer's disease. Nuclear Medicine Communications, 2023, 44, 751-766.	1.1	1
1077	Fully co-factor-free ClearTau platform produces seeding-competent Tau fibrils for reconstructing pathological Tau aggregates. Nature Communications, 2023, 14, .	12.8	1
1078	Expression and function of estrogen receptors and estrogen-related receptors in the brain and their association with Alzheimer's disease. Frontiers in Endocrinology, 0, 14, .	3.5	3
1079	Evaluation of Novel B1R/B2R Agonists Containing TRIOZAN α , β Nanoparticles for Targeted Brain Delivery of Antibodies in a Mouse Model of Alzheimer Disease. Molecules, 2023, 28, 5206.	3.8	0
1080	Salvianolic acid B ameliorates retinal deficits in an early-stage Alzheimer's disease mouse model through downregulating BACE1 and A β generation. Acta Pharmacologica Sinica, 2023, 44, 2151-2168.	6.1	3

#	ARTICLE	IF	CITATIONS
1081	Classification of Alzheimer's Disease Using Maximal Information Coefficient-Based Functional Connectivity with an Extreme Learning Machine. <i>Brain Sciences</i> , 2023, 13, 1046.	2.3	0
1083	Temporal patterns of the burden of Alzheimer's disease and their association with <scp>Sociodemographic</scp> Index in countries with varying rates of aging 1990â€“2019. <i>Aging Medicine (Milton (N S W))</i> , 2023, 6, 281-289.	2.1	0
1084	Biological and Clinical Implications of Sex-Specific Differences in Alzheimer's Disease. <i>Handbook of Experimental Pharmacology</i> , 2023, , 181-197.	1.8	2
1086	A proteomics analysis of 5xFAD mouse brain regions reveals the lysosome-associated protein Arl8b as a candidate biomarker for Alzheimer's disease. <i>Genome Medicine</i> , 2023, 15, .	8.2	2
1087	The novel function of bexarotene for neurological diseases. <i>Ageing Research Reviews</i> , 2023, , 102021.	10.9	1
1088	The Expression of Epac2 and GluA3 in an Alzheimer's Disease Experimental Model and Postmortem Patient Samples. <i>Biomedicines</i> , 2023, 11, 2096.	3.2	1
1089	Emerging Roles of Cells and Molecules of Innate Immunity in Alzheimer's Disease. <i>International Journal of Molecular Sciences</i> , 2023, 24, 11922.	4.1	5
1090	TRIM11 protects against tauopathies and is down-regulated in Alzheimer's disease. <i>Science</i> , 2023, 381, .	12.6	18
1091	Comparative neurogenetics of dog behavior complements efforts towards human neuropsychiatric genetics. <i>Human Genetics</i> , 2023, 142, 1231-1246.	3.8	1
1092	A comparison of behavioral paradigms assessing spatial memory in tree shrews. <i>Cerebral Cortex</i> , 2023, 33, 10303-10321.	2.9	0
1093	Pathological Roles of INPP5D in Alzheimer's Disease. <i>Advances in Experimental Medicine and Biology</i> , 2023, , 289-301.	1.6	0
1094	Gut Metabolites Acting on the Gut-Brain Axis: Regulating the Functional State of Microglia. , 2024, 15, 480.		0
1095	Therapeutic approaches using natural substances on the streptozotocin-induced animal model of sporadic Alzheimer's disease: a systematic review. <i>Advances in Traditional Medicine</i> , 2024, 24, 145-169.	2.0	1
1096	Repurposing Diltiazem for Its Neuroprotective Anti-Dementia Role against Intra-Cerebroventricular Streptozotocin-Induced Sporadic Alzheimer's Disease-Type Rat Model. <i>Life</i> , 2023, 13, 1688.	2.4	0
1097	Hypometabolism, Alzheimer's Disease, and Possible Therapeutic Targets: An Overview. <i>Cells</i> , 2023, 12, 2019.	4.1	3
1098	Bridging the Gap between Gut Microbiota and Alzheimer's Disease: A Metaproteomic Approach for Biomarker Discovery in Transgenic Mice. <i>International Journal of Molecular Sciences</i> , 2023, 24, 12819.	4.1	2
1099	A brainstem to circadian system circuit links Tau pathology to sundowning-related disturbances in an Alzheimer's disease mouse model. <i>Nature Communications</i> , 2023, 14, .	12.8	1
1100	A model predicting healthcare capacity gaps for Alzheimer's disease modifying treatment in Canada. <i>Canadian Journal of Neurological Sciences</i> , 0, , 1-24.	0.5	0

#	ARTICLE	IF	CITATIONS
1101	Characterizing the emergence of amyloid and tau burden in Down syndrome. Alzheimer's and Dementia, 2024, 20, 388-398.	0.8	1
1102	Unveiling Neuroprotective Potential of Spice Plant-Derived Compounds against Alzheimer's Disease: Insights from Computational Studies. International Journal of Alzheimer's Disease, 2023, 2023, 1-19.	2.0	2
1103	The Association of Selected GWAS Reported AD Risk Loci with CSF Biomarker Levels and Cognitive Decline in Slovenian Patients. International Journal of Molecular Sciences, 2023, 24, 12966.	4.1	0
1104	Mitochondrial dysfunction in neurodegenerative disorders: Potential therapeutic application of mitochondrial transfer to central nervous system-residing cells. Journal of Translational Medicine, 2023, 21, .	4.4	10
1105	Design, synthesis, biological activities, and evaluation of molecular docking—dynamics studies of new thiosemicarbazones that may be effective against Alzheimer's disease. Journal of Molecular Recognition, 0, , .	2.1	0
1106	Exploring the significance of lipids in Alzheimer's disease and the potential of extracellular vesicles. Proteomics, 0, , .	2.2	1
1107	Multifaceted roles of mitochondrial dysfunction in diseases: from powerhouses to saboteurs. Archives of Pharmacal Research, 2023, 46, 723-743.	6.3	0
1108	Impact of common ALDH2 inactivating mutation and alcohol consumption on Alzheimer's disease. Frontiers in Aging Neuroscience, 0, 15, .	3.4	0
1109	Commentaries: Lecanemab: pioneering the way as the first approved drug for Alzheimer's disease treatment. Inflammation Research, 2023, 72, 1873-1876.	4.0	0
1110	Chemical Synthesis of Microtubule-Associated Protein Tau. Journal of the American Chemical Society, 2023, 145, 21514-21526.	13.7	2
1111	An inclusive study of recent advancements in Alzheimer's disease: A comprehensive review. Neuropeptides, 2023, 102, 102369.	2.2	2
1112	Inhibiting <sc>mtDNA</sc>STING</sc>NLRP3</sc>/<sc>IL</sc><sup>1</sup> axis</sc>-mediated neutrophil infiltration protects neurons in Alzheimer's disease. Cell Proliferation, 0, , .	5.3	0
1113	The temporal event-based model: Learning event timelines in progressive diseases. , 2023, 1, 1-19.		1
1114	Causal relationship between Alzheimer's disease and cardiovascular disease: a bidirectional Mendelian randomization analysis. Aging, 2023, 15, 9022-9040.	3.1	2
1115	The use of angiotensin receptor blockers in dementia prevention. Dementia E Neuropsychologia, 0, 17, .	0.8	0
1117	Clinical efficacy and controversies of aducanumab. , 2023, , .		0
1118	Mosaic loss of the Y chromosome in human neurodegenerative and oncological diseases. Vavilovskii Zhurnal Genetiki I Selektzii, 2023, 27, 502-511.	1.1	0
1120	Environmental Chemicals as Plasticity Disruptors. , 2023, , 137-153.		0

#	ARTICLE	IF	CITATIONS
1121	Toward a Dimension-Free, Pre-Emptive, Integrated Health Risk Assessment of Chemicals. , 2023, , 231-261.		0
1122	Applications of Induced Pluripotent Stem Cell-Derived Glia in Brain Disease Research and Treatment. Handbook of Experimental Pharmacology, 2023, , .	1.8	0
1124	Spectrum-effect relationship analysis based on HPLC-FT-ICR-MS and multivariate statistical analysis to reveal the pharmacodynamic substances of Ling-Gui-Zhu-Gan decoction on Alzheimer's disease. Journal of Pharmaceutical and Biomedical Analysis, 2024, 237, 115765.	2.8	2
1125	Risk of Death from Alzheimer's Disease Associated with Brain Tumor, Glioma, and Glioblastoma. Journal of Alzheimer's Disease, 2023, , 1-9.	2.6	0
1127	Classification of Alzheimer's Diseases MRI Brain Images Leveraging 3D Convolutional Neural Networks. IFMBE Proceedings, 2024, , 462-478.	0.3	0
1128	Inorganic and metal-based nanoparticles. , 2024, , 203-235.		0
1129	Association between aspirin use and risk of dementia: a systematic review and meta-analysis. European Geriatric Medicine, 2024, 15, 3-18.	2.8	0
1130	Plasma biomarkers predict Alzheimer's disease before clinical onset in Chinese cohorts. Nature Communications, 2023, 14, .	12.8	3
1131	Frequency dependent whole-brain coactivation patterns analysis in Alzheimer's disease. Frontiers in Neuroscience, 0, 17, .	2.8	0
1132	Synaptic proteasome is inhibited in Alzheimer's disease models and associates with memory impairment in mice. Communications Biology, 2023, 6, .	4.4	0
1133	Altered Clock Gene Expression in Female APP/PS1 Mice and Aquaporin-Dependent Amyloid Accumulation in the Retina. International Journal of Molecular Sciences, 2023, 24, 15679.	4.1	1
1134	Clinical biomarkers for Lewy body diseases. Cell and Bioscience, 2023, 13, .	4.8	1
1135	Anxiety and Alzheimer's disease pathogenesis: focus on 5-HT and CRF systems in 3xTg-AD and TgF344-AD animal models. Frontiers in Aging Neuroscience, 0, 15, .	3.4	0
1136	Identification ferroptosis-related hub genes and diagnostic model in Alzheimer's disease. Frontiers in Molecular Neuroscience, 0, 16, .	2.9	0
1137	Synthesis and biological evaluation of indane-based fluorescent probes for detection of amyloid- β aggregates in Alzheimer's disease. Bioorganic and Medicinal Chemistry, 2023, 95, 117513.	3.0	0
1138	Postnatal Maturation of the Blood-Brain Barrier in Senescence-Accelerated OXYS Rats, Which Are Prone to an Alzheimer's Disease-like Pathology. International Journal of Molecular Sciences, 2023, 24, 15649.	4.1	0
1139	The Role of RIN3 Gene in Alzheimer's Disease Pathogenesis: a Comprehensive Review. Molecular Neurobiology, 0, , .	4.0	0
1140	Histone demethylases in neurodevelopment and neurodegenerative diseases. International Journal of Neuroscience, 0, , 1-11.	1.6	1

#	ARTICLE	IF	CITATIONS
1141	Inhibitors of Oxytosis/Ferroptosis: A New Class of Therapeutics for Alzheimerâ€™s Disease. , 2023, , 461-490.		0
1142	Antidepressant effect of bright light therapy on patients with Alzheimerâ€™s disease and their caregivers. Frontiers in Pharmacology, 0, 14, .	3.5	0
1143	Advances in AÎ² imaging probes: a comprehensive study of radiolabelled 1,3-diaryl-2-propen-1-ones for Alzheimer's disease: a review. RSC Advances, 2023, 13, 35877-35903.	3.6	0
1144	Disruption in Sleep and Circadian Rhythm: A Potential Accelerator in Alzheimerâ€™s Disease Progression. Annals of Neurosciences, 0, , .	1.7	0
1145	A new approach for the treatment of Alzheimerâ€™s disease: insulin-quantum dots. Journal of Microencapsulation, 2024, 41, 18-26.	2.8	1
1146	Application of CRISPR/Cas9 in the management of Alzheimerâ€™s disease and Parkinsonâ€™s disease: a review. Annals of Medicine and Surgery, 2024, 86, 329-335.	1.1	0
1147	How Can We Use Mathematical Modeling of Amyloid-Î² in Alzheimerâ€™s Disease Research and Clinical Practices?. Journal of Alzheimer's Disease, 2023, , 1-12.	2.6	0
1148	Panaxadiol carbamate derivatives: Synthesis and biological evaluation as potential multifunctional anti-Alzheimer agents. Bioorganic Chemistry, 2024, 143, 106977.	4.1	0
1149	Potential neural substrates underlying circadian and olfactory disruptions in preclinical Alzheimerâ€™s disease. Frontiers in Neuroscience, 0, 17, .	2.8	2
1150	Interfacial Electromigration for Analysis of Biofluid Lipids in Small Volumes. Analytical Chemistry, 2023, 95, 18557-18563.	6.5	0
1152	Knowledge About Alzheimerâ€™s Disease in Saudi Arabia. Cureus, 2023, , .	0.5	0
1153	Defining exceptional cognition in older adults: A systematic review of cognitive superâ€ageing. International Journal of Geriatric Psychiatry, 2023, 38, .	2.7	0
1154	ĐjĐ¾¼ŃĐµŃ,Đ°Đ½Đ,Đµ Đ½ĐµĐ¹ŃĐ¾¼ĐĐµĐ³ĐµĐ½ĐµŃĐ°Ń,Đ,Đ²Đ½ĐŃŃ...Đ,ŃĐ¾¼ŃŃŃfĐĐ,ŃŃ,ŃŃ...Đ¼ĐµŃŃ.Đ°Đ½Đ,Đ,Đ¼Đ¾¾		
1155	Precision medicine analysis of heterogeneity in individualâ€level treatment response to amyloid beta removal in early Alzheimer's disease. Alzheimer's and Dementia, 2024, 20, 1102-1111.	0.8	1
1156	Towards a multimodal neuroimaging-based risk score for Alzheimerâ€™s disease by combining clinical and large N>37000 population data. , 2023, , .		0
1157	Circadian rhythm disruption and retinal dysfunction: a bidirectional link in Alzheimerâ€™s disease?. Neural Regeneration Research, 0, , .	3.0	0
1158	Racial differences in the effect of <i>APOEâ€µ4</i> genotypes on trail making test B in Alzheimer's disease: A longitudinal study. International Journal of Geriatric Psychiatry, 2023, 38, .	2.7	0
1159	A new andrographolide derivative ADA targeting SIRT3-FOXO3a signaling mitigates cognitive impairment by activating mitophagy and inhibiting neuroinflammation in Apoe4 mice. Phytomedicine, 2023, , 155298.	5.3	0

#	ARTICLE	IF	CITATIONS
1160	Astrocytes Reprogramming for Neurodegenerative Disease Management. <i>Advances in Bioinformatics and Biomedical Engineering Book Series</i> , 2023, , 313-330.	0.4	0
1161	Sex differences in the progression to Alzheimer's disease: a combination of functional and structural markers. <i>GeroScience</i> , 0, , .	4.6	3
1164	Classification of binding property of amyloid β to lipid membranes: Membranomic research using quartz crystal microbalance combined with the immobilization of lipid planar membranes. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2023, , 140987.	2.3	0
1165	Hydrazone-sulfonate hybrids as potential cholinesterase inhibitors: design, synthesis and molecular modeling simulation. <i>Future Medicinal Chemistry</i> , 2023, 15, 2269-2287.	2.3	0
1166	Antibodies Raised Against an $\text{A}\beta$ Oligomer Mimic Recognize Pathological Features in Alzheimer's Disease and Associated Amyloid-Disease Brain Tissue. <i>ACS Central Science</i> , 0, , .	11.3	0
1167	Uncovering the Impact of Aggrephagy in the Development of Alzheimer's Disease: Insights Into Diagnostic and Therapeutic Approaches from Machine Learning Analysis. <i>Current Alzheimer Research</i> , 2023, 20, 618-635.	1.4	0
1168	Improved Classification of Alzheimer's Disease With Convolutional Neural Networks. , 2023, , .		0
1169	Indazole derivatives as selective inhibitors of butyrylcholinesterase with effective blood-brain-barrier permeability profile. <i>Medicinal Chemistry Research</i> , 0, , .	2.4	0
1170	Unravelling the Untapped Pharmacological Potential of Plant Molecules as Inhibitors of BACE1: In Silico Explorations for Alzheimer's Disease. <i>Applied Biochemistry and Biotechnology</i> , 0, , .	2.9	0
1171	Histone acetylation in an Alzheimer's disease cell model promotes homeostatic amyloid-reducing pathways. <i>Acta Neuropathologica Communications</i> , 2024, 12, .	5.2	1
1172	A comparison of visual assessment and semi-quantification for the diagnostic and prognostic use of [18F]flortaucipir PET in a memory clinic cohort. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2024, 51, 1639-1650.	6.4	0
1173	Cryptic splicing of stathmin-2 and UNC13A mRNAs is a pathological hallmark of TDP-43-associated Alzheimer's disease. <i>Acta Neuropathologica</i> , 2024, 147, .	7.7	3
1174	CSF p-tau205: a biomarker of tau pathology in Alzheimer's disease. <i>Acta Neuropathologica</i> , 2024, 147, .	7.7	2
1175	Androgen Deprivation Therapy for Prostate Cancer: Focus on Cognitive Function and Mood. <i>Medicina (Lithuania)</i> , 2024, 60, 77.	2.0	0
1176	Perinatal Tissue-Derived Stem Cells: An Emerging Therapeutic Strategy for Challenging Neurodegenerative Diseases. <i>International Journal of Molecular Sciences</i> , 2024, 25, 976.	4.1	0
1177	Detection of single nucleotide polymorphisms based on triple-helix molecular switch combined with invader assay. <i>Microchemical Journal</i> , 2024, 199, 109954.	4.5	0
1178	Anthocyanins. , 2024, , 1221-1239.		0
1179	Tau Protein Alterations Induced by Hypobaric Hypoxia Exposure. <i>International Journal of Molecular Sciences</i> , 2024, 25, 889.	4.1	0

#	ARTICLE	IF	CITATIONS
1180	Frog-derived peptides and neuroprotection. , 2024, , 415-436.		0
1181	Exploring the effect of polygonum multiflorum Thunb on A β 1-42 oligomer-burdened microglia model for Alzheimer's disease based on network pharmacology and experiments in vitro. , 2024, , .		0
1182	Digital automation of transdermal drug delivery with high spatiotemporal resolution. Nature Communications, 2024, 15, .	12.8	1
1183	Assessment of the protective and ameliorative impact of quercetin nanoparticles against neuronal damage induced in the hippocampus by acrolein. Beni-Suef University Journal of Basic and Applied Sciences, 2024, 13, .	2.0	0
1184	Advancements in high-resolution 3D microscopy analysis of endosomal morphology in postmortem Alzheimer's disease brains. Frontiers in Neuroscience, 0, 17, .	2.8	0
1185	Microcurrent therapy as the nonpharmacological new protocol against Alzheimer's disease. Frontiers in Aging Neuroscience, 0, 16, .	3.4	0
1186	Role of probiotics in brain health. , 2024, , 173-198.		0
1187	Mesenchymal Stem Cells from Familial Alzheimer's Patients Express MicroRNA Differently. International Journal of Molecular Sciences, 2024, 25, 1580.	4.1	0
1188	Neuroprotective Roles of the Biliverdin Reductase-A/Bilirubin Axis in the Brain. Biomolecules, 2024, 14, 155.	4.0	0
1189	Diffusion weighted magnetic resonance spectroscopy revealed neuronal specific microstructural alterations in Alzheimer's disease. Brain Communications, 2023, 6, .	3.3	0
1190	Early onset diagnosis in Alzheimer's disease patients via amyloid- β oligomers-sensing probe in cerebrospinal fluid. Nature Communications, 2024, 15, .	12.8	1
1191	HDAC9-mediated calmodulin deacetylation induces memory impairment in Alzheimer's disease. CNS Neuroscience and Therapeutics, 2024, 30, .	3.9	0
1192	Prodromal multiple sclerosis: considerations and future utility. Journal of Neurology, 2024, 271, 2129-2140.	3.6	0
1193	Synthesis of Novel N-Acylhydrazones Derived from 3,5-Dinitrobenzohydrazide and Evaluation of Their Anticholinesterase and Antioxidant Activities. Russian Journal of Bioorganic Chemistry, 2024, 50, 76-85.	1.0	0
1194	Mitochondria Dysfunction and Neuroinflammation in Neurodegeneration: Who Comes First?. Antioxidants, 2024, 13, 240.	5.1	0
1195	A Meta-Analysis of Fall Risk in Older Adults With Alzheimer's Disease. Journal of the American Medical Directors Association, 2024, 25, 781-788.e3.	2.5	0
1196	Role of Nutraceuticals in the Management of Lifestyle Diseases. , 2023, , 461-478.		0
1197	Herbs for Autoimmune Diseases. , 2023, , 361-388.		0

#	ARTICLE	IF	CITATIONS
1199	In Vitro Astroglial Dysfunction Induced by Neurotoxins: Mimicking Astrocytic Metabolic Alterations of Alzheimer's Disease. <i>Metabolites</i> , 2024, 14, 151.	2.9	0
1200	Identification of key regulatory molecules in the early development stage of Alzheimer's disease. <i>Journal of Cellular and Molecular Medicine</i> , 2024, 28, .	3.6	0
1201	Multi-omic analyses of 5xFAD mice reveal new molecular signatures of early-stage Alzheimer's disease. <i>Aging Cell</i> , 0, , .	6.7	0
1202	Progranulin and neuropathological features of Alzheimer's disease: longitudinal study. <i>Aging Clinical and Experimental Research</i> , 2024, 36, .	2.9	0
1203	Molecular Mechanisms Linking Osteoarthritis and Alzheimer's Disease: Shared Pathways, Mechanisms and Breakthrough Prospects. <i>International Journal of Molecular Sciences</i> , 2024, 25, 3044.	4.1	0
1204	Toward the right treatment at the right time: Modeling the trajectory of cognitive decline to identify the earliest age of change in people with Alzheimer's disease. <i>Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring</i> , 2024, 16, .	2.4	0
1206	Delivering synaptic protein mRNAs via extracellular vesicles ameliorates cognitive impairment in a mouse model of Alzheimer's disease. <i>BMC Medicine</i> , 2024, 22, .	5.5	0
1207	Updates on mouse models of Alzheimer's disease. <i>Molecular Neurodegeneration</i> , 2024, 19, .	10.8	0
1208	Brain hypothyroidism silences the immune response of microglia in Alzheimer's disease animal model. <i>Science Advances</i> , 2024, 10, .	10.3	0
1209	Biological and antioxidant activities of <i>Physalis peruviana</i> . , 2024, , 239-253.		0
1210	Neuropathogenesis-on-chips for neurodegenerative diseases. <i>Nature Communications</i> , 2024, 15, .	12.8	0