CITATION REPORT List of articles citing

The importance of tau phosphorylation for neurodegenerative diseases

DOI: 10.3389/fneur.2013.00083 Frontiers in Neurology, 2013, 4, 83.

Source: https://exaly.com/paper-pdf/57066162/citation-report.pdf

Version: 2024-04-28

This report has been generated based on the citations recorded by exaly.com for the above article. For the latest version of this publication list, visit the link given above.

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

#	Paper	IF	Citations
263	Neurodegenerative lesions: seeding and spreading. 2013 , 169, 825-33		24
262	Cornel Iridoid Glycoside Attenuates Tau Hyperphosphorylation by Inhibition of PP2A Demethylation. 2013 , 2013, 108486		17
261	Derailed intraneuronal signalling drives pathogenesis in sporadic and familial Alzheimer's disease. 2014 , 2014, 167024		5
260	Impaired insulin signaling and mechanisms of memory loss. 2014 , 121, 413-49		31
259	Genetic markers for diagnosis and pathogenesis of Alzheimer's disease. 2014 , 545, 185-93		88
258	Biophysical challenges to axonal transport: motor-cargo deficiencies and neurodegeneration. 2014 , 43, 141-69		68
257	Acetylation: a new key to unlock tau's role in neurodegeneration. 2014 , 6, 29		82
256	"Tau oligomers," what we know and what we don't know. Frontiers in Neurology, 2014, 5, 1	4.1	96
255	Protein phosphorylation in neurodegeneration: friend or foe?. 2014 , 7, 42		146
254	Integrated analysis of differential gene expression profiles in hippocampi to identify candidate genes involved in Alzheimer's disease. 2015 , 12, 6679-87		10
253	Physiologically relevant factors influence tau phosphorylation by leucine-rich repeat kinase 2. 2015 , 93, 1567-80		15
252	Imaging pathological tau in atypical parkinsonian disorders. 2015 , 28, 447-52		4
251	Tau Hyperphosphorylation and Oxidative Stress, a Critical Vicious Circle in Neurodegenerative Tauopathies?. 2015 , 2015, 151979		138
250	Further understanding of tau phosphorylation: implications for therapy. 2015 , 15, 115-22		33
249	Total tau is increased, but phosphorylated tau not decreased, in cerebrospinal fluid in amyotrophic lateral sclerosis. 2015 , 36, 1072-4		25
248	Tau-targeting passive immunization modulates aspects of pathology in tau transgenic mice. 2015 , 132, 135-45		57
247	Associations between primary open angle glaucoma, Alzheimer's disease and vascular dementia: record linkage study. 2015 , 99, 524-7		40

(2016-2015)

246	Distinct Neurodegenerative Changes in an Induced Pluripotent Stem Cell Model of Frontotemporal Dementia Linked to Mutant TAU Protein. 2015 , 5, 83-96		60
245	Neuronal Genes and Developmental Neuronal Pathways in Drosophila Life Span Control. 2015 , 3-37		4
244	5-HT(2C) serotonin receptor blockade prevents tau protein hyperphosphorylation and corrects the defect in hippocampal synaptic plasticity caused by a combination of environmental stressors in mice. 2015 , 99, 258-68		12
243	Biomarkers of Parkinson Disease. 2015 , 1009-1030		
242	New methods based on capillary electrophoresis for in vitro evaluation of protein tau phosphorylation by glycogen synthase kinase 3- 2015 , 407, 2821-8		11
241	Tau phosphorylation at serine 396 residue is required for hippocampal LTD. 2015 , 35, 4804-12		121
240	Invited review: Neuropathology of tauopathies: principles and practice. <i>Neuropathology and Applied Neurobiology</i> , 2015 , 41, 3-23	.2	302
239	Small heat-shock proteins: important players in regulating cellular proteostasis. 2015 , 72, 429-451		138
238	Ameliorative Effects of Antioxidants on the Hippocampal Accumulation of Pathologic Tau in a Rat Model of Blast-Induced Traumatic Brain Injury. 2016 , 2016, 4159357		24
237	Neuropathology offrontotemporal dementia and related disorders. 165-184		1
236	Alzheimer disease: modeling an Altentered biological network. 2016 , 21, 861-71		36
235	Clinical perspectives of TRAIL: insights into central nervous system disorders. 2016 , 73, 2017-27		27
234	Role of tau in the spatial organization of axonal microtubules: keeping parallel microtubules evenly distributed despite macromolecular crowding. 2016 , 73, 3745-60		26
233	Imatinib methanesulfonate reduces hyperphosphorylation of tau following repeated peripheral exposure to lipopolysaccharide. 2016 , 331, 72-7		14
232	Cdk5 at crossroads of protein oligomerization in neurodegenerative diseases: facts and hypotheses. 2016 , 136, 222-33		38
231	Tau and tauopathies. 2016 , 126, 238-292		292
230	Epidemiological pathology of Tau in the ageing brain: application of staging for neuropil threads (BrainNet Europe protocol) to the MRC cognitive function and ageing brain study. 2016 , 4, 11		32
229	Upregulation of calpain activity precedes tau phosphorylation and loss of synaptic proteins in Alzheimer's disease brain. 2016 , 4, 34		70

228	Hypothermia mediates age-dependent increase of tau phosphorylation in db/db mice. 2016 , 88, 55-65		28
227	Characterization of tau positron emission tomography tracer [F]AV-1451 binding to postmortem tissue in Alzheimer's disease, primary tauopathies, and other dementias. <i>Alzheimer's and Dementia</i> , 2016, 12, 1116-1124	1.2	139
226	FLEXITau: Quantifying Post-translational Modifications of Tau Protein in Vitro and in Human Disease. 2016 , 88, 3704-14		74
225	Mislocalization of neuronal tau in the absence of tangle pathology in phosphomutant tau knockin mice. 2016 , 39, 1-18		17
224	Current and novel therapeutic molecules and targets in Alzheimer's disease. 2016 , 115, 3-10		87
223	A Quantitative Analysis of Brain Soluble Tau and the Tau Secretion Factor. 2017 , 76, 44-51		15
222	Impact of Phosphorylation and Pseudophosphorylation on the Early Stages of Aggregation of the Microtubule-Associated Protein Tau. 2017 , 121, 2095-2103		10
221	Positron emission tomography imaging of tau pathology in progressive supranuclear palsy. 2017 , 37, 3150-3160		38
220	Potential biomarkers and novel pharmacological targets in protein aggregation-related neurodegenerative diseases. 2017 , 131, 1-15		29
219	The neurotoxicity of amyloid Eprotein oligomers is reversible in a primary neuron model. 2017 , 10, 4		30
218	Astrocyte pathology in a human neural stem cell model of frontotemporal dementia caused by mutant TAU protein. 2017 , 7, 42991		51
217	Tau phosphorylation induced by severe closed head traumatic brain injury is linked to the cellular prion protein. 2017 , 5, 30		39
216	Antioxidants reduce neurodegeneration and accumulation of pathologic Tau proteins in the auditory system after blast exposure. 2017 , 108, 627-643		21
215	Inhibition of the Aggregation and Toxicity of the Minimal Amyloidogenic Fragment of Tau by Its Pro-Substituted Analogues. 2017 , 23, 9618-9624		16
214	Roles of tau protein in health and disease. 2017 , 133, 665-704		415
213	Glycan Determinants of Heparin-Tau Interaction. 2017 , 112, 921-932		47
212	Molecular Dynamics Simulation of Tau Peptides for the Investigation of Conformational Changes Induced by Specific Phosphorylation Patterns. 2017 , 1523, 33-59		4
211	Inhibition of glycogen synthase kinase-3 by BTA-EG reduces tau abnormalities in an organotypic brain slice culture model of Alzheimer's disease. 2017 , 7, 7434		16

210	Phosphorylation of huntingtin at residue T3 is decreased in Huntington's disease and modulates mutant huntingtin protein conformation. 2017 , 114, E10809-E10818	33
209	models of tauopathy. 2017 , 31, 5137-5148	17
208	Isoelectric point-based fractionation by HiRIEF coupled to LC-MS allows for in-depth quantitative analysis of the phosphoproteome. 2017 , 7, 4513	15
207	Imaging tau pathology in Parkinsonisms. 2017 , 3, 22	11
206	mTOR and neuronal cell cycle reentry: How impaired brain insulin signaling promotes Alzheimer's disease. <i>Alzheimerus and Dementia</i> , 2017 , 13, 152-167	48
205	Cerebrospinal Fluid Progranulin, but Not Serum Progranulin, Is Reduced in GRN-Negative Frontotemporal Dementia. 2017 , 17, 83-88	18
204	Studying tau protein propagation and pathology in the mouse brain using adeno-associated viruses. 2017 , 141, 307-322	17
203	White matter tauopathy: Transient functional loss and novel myelin remodeling. 2018, 66, 813-827	6
202	Preclinical, phase I, and phase II investigational clinical trials for treatment of progressive supranuclear palsy. 2018 , 27, 349-361	14
201	The physiological phosphorylation of tau is critically changed in fetal brains of individuals with Down syndrome. <i>Neuropathology and Applied Neurobiology</i> , 2018 , 44, 314-327	16
200	Tau can switch microtubule network organizations: from random networks to dynamic and stable bundles. 2018 , 29, 154-165	27
199	The Microtubule-Associated Protein Tau Mediates the Organization of Microtubules and Their Dynamic Exploration of Actin-Rich Lamellipodia and Filopodia of Cortical Growth Cones. 2018 , 38, 291-307	59
198	Functional significance of O-GlcNAc modification in regulating neuronal properties. 2018, 129, 295-307	14
197	[Development of imaging-based diagnostic procedures for brain protein aging using a mouse model of tauopathy]. 2018 , 152, 4-9	
196	Different tau species lead to heterogeneous tau pathology propagation and misfolding. 2018 , 6, 132	50
195	MRI and histological evaluation of pulsed focused ultrasound and microbubbles treatment effects in the brain. 2018 , 8, 4837-4855	40
194	Alzheimer's disease (AD) therapeutics - 2: Beyond amyloid - Re-defining AD and its causality to discover effective therapeutics. 2018 , 158, 376-401	20
193	Novel Protein Kinase Inhibitors Related to Tau Pathology Modulate Tau Protein-Self Interaction Using a Luciferase Complementation Assay. 2018 , 23,	11

Novel monoclonal antibodies targeting the microtubule-binding domain of human tau. 2018, 13, e0195211 192 10 Molecular Aspects of Concussion and Chronic Traumatic Encephalopathy. 2018, 335-380 191 Characterisation of tau in the human and rodent enteric nervous system under physiological 190 14 conditions and in tauopathy. **2018**, 6, 65 189 Dendritic Tau in Alzheimer's Disease. 2018, 99, 13-27 113 Inflammasome-derived cytokine IL18 suppresses amyloid-induced seizures in Alzheimer-prone 188 19 mice. 2018, 115, 9002-9007 Tau-targeting therapies for Alzheimer disease. 2018, 14, 399-415 187 414 Targeting Neuroplasticity, Cardiovascular, and Cognitive-Associated Genomic Variants in Familial 186 6.2 5 Alzheimer's Disease. Molecular Neurobiology, 2019, 56, 3235-3243 Neurotrophin receptor p75 mediates amyloid Induced tau pathology. 2019, 132, 104567 185 21 Cholinesterase inhibitors as Alzheimer's therapeutics (Review). 2019, 20, 1479-1487 184 130 LC3-Associated Endocytosis Facilitates EAmyloid Clearance and Mitigates Neurodegeneration in 183 184 Murine Alzheimer's Disease. 2019, 178, 536-551.e14 Autophagy-Mediated Secretory Pathway is Responsible for Both Normal and Pathological Tau in 182 23 Neurons. 2019, 70, 667-680 181 Drugs for Targeted Therapies of Alzheimer's Disease. 2019, 26, 335-359 9 Enhancement of tripartite synapses as a potential therapeutic strategy for Alzheimer's disease: a 180 4 preclinical study in rTg4510 mice. 2019, 11, 75 Interrogating Parkinson's disease associated redox targets: Potential application of CRISPR editing. 179 9 2019, 144, 279-292 Disordered Expression of , the Gene Encoding a Serine-Threonine Protein Kinase GSK3, Affects the Lifespan in a Transcript-, Stage-, and Tissue-Specific Manner. International Journal of Molecular 178 6.3 5 Sciences, 2019, 20, Tau Protein and Zebrafish Models for Tau-Induced Neurodegeneration. 2019, 69, 339-353 177 Tanshinone IIA Ameliorates Spatial Learning and Memory Deficits by Inhibiting the Activity of ERK 176 12 and GSK-3[2019, 32, 152-163 Modulation of aggregation with an electric field; scientific roadmap for a potential non-invasive 12 therapy against tauopathies.. **2019**, 9, 4744-4750

(2020-2019)

174	Retrograde transport of Akt by a neuronal Rab5-APPL1 endosome. 2019 , 9, 2433		15
173	Endoplasmic Reticulum Stress in Tauopathies: Contrasting Human Brain Pathology with Cellular and Animal Models. 2019 , 68, 439-458		5
172	Cre-inducible Adeno Associated Virus-mediated Expression of P301L Mutant Tau Causes Motor Deficits and Neuronal Degeneration in the Substantia Nigra. 2019 , 422, 65-74		5
171	BDNF Val66Met Genetic Polymorphism Results in Poor Recovery Following Repeated Mild Traumatic Brain Injury in a Mouse Model and Treatment With AAV-BDNF Improves Outcomes. <i>Frontiers in Neurology</i> , 2019 , 10, 1175	4.1	11
170	Tau Biology, Tauopathy, Traumatic Brain Injury, and Diagnostic Challenges. 2019 , 67, 447-467		46
169	It's all about tau. 2019 , 175, 54-76		75
168	Phosphorylation of serine 305 in tau inhibits aggregation. 2019 , 692, 187-192		15
167	Electrochemical approaches for the detection of amyloid-∏tau, and ⊞ynuclein. 2019 , 14, 89-95		7
166	GRK5 influences the phosphorylation of tau via GSK3Iand contributes to Alzheimer's disease. 2019 , 234, 10411-10420		5
165	A distributed multitask multimodal approach for the prediction of Alzheimer's disease in a longitudinal study. 2020 , 206, 116317		11
164	Considerations for future tau-targeted therapeutics: can they deliver?. 2020 , 15, 265-267		9
163	From the prion-like propagation hypothesis to therapeutic strategies of anti-tau immunotherapy. 2020 , 139, 3-25		65
162	Aggregation of biologically important peptides and proteins: inhibition or acceleration depending on protein and metal ion concentrations 2019 , 10, 215-227		21
161	Heavy metal toxicity and the aetiology of glaucoma. 2020 , 34, 129-137		5
160	Key Physicochemical and Biological Factors of the Phase Behavior of Tau. 2020 , 6, 2924-2963		2
159	Hyperphosphorylated tau aggregation and cytotoxicity modulators screen identified prescription drugs linked to Alzheimer's disease and cognitive functions. 2020 , 10, 16551		10
158	Cellular Biology of Tau Diversity and Pathogenic Conformers. Frontiers in Neurology, 2020 , 11, 590199	4.1	7
157	Serum Tau Proteins as Potential Biomarkers for the Assessment of Alzheimer's Disease Progression. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	20

156	Targeting Tau to Treat Clinical Features of Huntington's Disease. Frontiers in Neurology, 2020 , 11, 58073	34.1	6
155	APOE4 genetic polymorphism results in impaired recovery in a repeated mild traumatic brain injury model and treatment with Bryostatin-1 improves outcomes. 2020 , 10, 19919		5
154	Tauopathies: Deciphering Disease Mechanisms to Develop Effective Therapies. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	15
153	Edible dairy formula fortified with coconut oil for neuroprotection against aluminium chloride-induced Alzheimer's disease in rats. 2020 , 75, 104296		6
152	Prion-Like Propagation Mechanisms in Tauopathies and Traumatic Brain Injury: Challenges and Prospects. 2020 , 10,		2
151	Flexibility Is Costly: Hidden Physiological Damage From Seasonal Phenotypic Transitions in Heterothermic Species. 2020 , 11, 985		3
150	PHF-Core Tau as the Potential Initiating Event for Tau Pathology in Alzheimer's Disease. 2020 , 14, 247		7
149	Huang-Pu-Tong-Qiao Formula Ameliorates Tau Phosphorylation by Inhibiting the CaM-CaMKIV Pathway. 2020 , 2020, 8956071		2
148	An Overview of Astrocyte Responses in Genetically Induced Alzheimer's Disease Mouse Models. 2020 , 9,		8
147	Esynuclein and tau, two targets for dementia. 2020 , 67, 1-25		2
147 146	Esynuclein and tau, two targets for dementia. 2020, 67, 1-25 Pathway Analysis for Plasma EAmyloid, Tau and Neurofilament Light (ATN) in World Trade Center Responders at Midlife. 2020, 9, 159-171		15
	Pathway Analysis for Plasma FAmyloid, Tau and Neurofilament Light (ATN) in World Trade Center		
146	Pathway Analysis for Plasma FAmyloid, Tau and Neurofilament Light (ATN) in World Trade Center Responders at Midlife. 2020 , 9, 159-171 Cerebrospinal fluid phospho-tau T217 outperforms T181 as a biomarker for the differential		15
146 145	Pathway Analysis for Plasma FAmyloid, Tau and Neurofilament Light (ATN) in World Trade Center Responders at Midlife. 2020 , 9, 159-171 Cerebrospinal fluid phospho-tau T217 outperforms T181 as a biomarker for the differential diagnosis of Alzheimer's disease and PET amyloid-positive patient identification. 2020 , 12, 26 Brain microRNAs dysregulation: Implication for missplicing and abnormal post-translational		15 80
146 145 144	Pathway Analysis for Plasma EAmyloid, Tau and Neurofilament Light (ATN) in World Trade Center Responders at Midlife. 2020, 9, 159-171 Cerebrospinal fluid phospho-tau T217 outperforms T181 as a biomarker for the differential diagnosis of Alzheimer's disease and PET amyloid-positive patient identification. 2020, 12, 26 Brain microRNAs dysregulation: Implication for missplicing and abnormal post-translational modifications of tau protein in Alzheimer's disease and related tauopathies. 2020, 155, 104729		15 80 10
146 145 144 143	Pathway Analysis for Plasma EAmyloid, Tau and Neurofilament Light (ATN) in World Trade Center Responders at Midlife. 2020, 9, 159-171 Cerebrospinal fluid phospho-tau T217 outperforms T181 as a biomarker for the differential diagnosis of Alzheimer's disease and PET amyloid-positive patient identification. 2020, 12, 26 Brain microRNAs dysregulation: Implication for missplicing and abnormal post-translational modifications of tau protein in Alzheimer's disease and related tauopathies. 2020, 155, 104729 Recent Preclinical Insights Into the Treatment of Chronic Traumatic Encephalopathy. 2020, 14, 616		15 80 10
146 145 144 143	Pathway Analysis for Plasma EAmyloid, Tau and Neurofilament Light (ATN) in World Trade Center Responders at Midlife. 2020, 9, 159-171 Cerebrospinal fluid phospho-tau T217 outperforms T181 as a biomarker for the differential diagnosis of Alzheimer's disease and PET amyloid-positive patient identification. 2020, 12, 26 Brain microRNAs dysregulation: Implication for missplicing and abnormal post-translational modifications of tau protein in Alzheimer's disease and related tauopathies. 2020, 155, 104729 Recent Preclinical Insights Into the Treatment of Chronic Traumatic Encephalopathy. 2020, 14, 616 Potential Bidirectional Relationship Between Periodontitis and Alzheimer's Disease. 2020, 11, 683 Multiphosphorylated peptides: importance, synthetic strategies, and applications for studying		15 80 10 1

(2021-2021)

138	Disrupted ubiquitin proteasome system underlying tau accumulation in Alzheimer's disease. 2021 , 99, 79-85		4
137	Interplay of isoform 1N4R tau protein and amyloid-peptide fragment 25-35 in reducing and non-reducing conditions. 2021 , 169, 119-134		О
136	Mesenchymal stem cell-derived extracellular vesicles ameliorate Alzheimer's disease-like phenotypes in a preclinical mouse model. 2021 , 11, 8129-8142		13
135	Similarities and Differences in the Pattern of Tau Hyperphosphorylation in Physiological and Pathological Conditions: Impacts on the Elaboration of Therapies to Prevent Tau Pathology. <i>Frontiers in Neurology</i> , 2020 , 11, 607680	4.1	5
134	Tau Post-translational Modifications: Dynamic Transformers of Tau Function, Degradation, and Aggregation. <i>Frontiers in Neurology</i> , 2020 , 11, 595532	4.1	37
133	Conformational fingerprinting of tau variants and strains by Raman spectroscopy. 2021 , 11, 8899-8915		4
132	Journey on Naphthoquinone and Anthraquinone Derivatives: New Insights in Alzheimer's Disease. 2021 , 14,		18
131	Sustained Interleukin-1Dverexpression exacerbates Tau pathology in a murine tauopathy model via cyclooxygenase-1.		
130	Imaging Techniques in Alzheimer's Disease: A Review of Applications in Early Diagnosis and Longitudinal Monitoring. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	13
129	Cognitive Improvement and Safety Assessment of a Dietary Supplement Containing Propolis Extract in Elderly Japanese: A Placebo-Controlled, Randomized, Parallel-Group, Double-Blind Human Clinical Study. 2021 , 2021, 6664217		4
128	A common theme for axonopathies? The dependency cycle of local axon homeostasis. 2021 , 78, 52-63		2
127	Kinase Signaling in Dendritic Development and Disease. 2021 , 15, 624648		4
126	GSK-3 and Tau: A Key Duet in Alzheimer's Disease. 2021 , 10,		26
125	Impact of chronic hyperglycemia on Small Heat Shock Proteins in diabetic rat brain. 2021, 701, 108816		3
124	Dysfunctional vascular smooth muscle cells mediate early and late-stage neuroinflammation and Tau hyperphosphorylation.		О
123	High-fat diet-induced activation of SGK1 promotes Alzheimer's disease-associated tau pathology. 2021 , 30, 1693-1710		5
122	SH-SY5Y-derived neurons: a human neuronal model system for investigating TAU sorting and neuronal subtype-specific TAU vulnerability. 2021 ,		8
121	Subchronic exposure to acrylamide caused behaviour disorders and related pathological and molecular changes in rat cerebellum. 2021 , 340, 23-32		3

120	Prolonged arsenic exposure increases tau phosphorylation in differentiated SH-SY5Y cells: The contribution of GSK3 and ERK1/2. 2021 , 84, 103626		8
119	A Tau-Driven Adverse Outcome Pathway Blueprint Toward Memory Loss in Sporadic (Late-Onset) Alzheimer's Disease with Plausible Molecular Initiating Event Plug-Ins for Environmental Neurotoxicants. 2021 , 81, 459-485		3
118	Graph Models of Pathology Spread in Alzheimer's Disease: An Alternative to Conventional Graph Theoretic Analysis. 2021 , 11, 799-814		2
117	Inclusion of the C-Terminal Domain in the Esheet Core of Heparin-Fibrillized Three-Repeat Tau Protein Revealed by Solid-State Nuclear Magnetic Resonance Spectroscopy. 2021 , 143, 7839-7851		4
116	Alzheimer's Disease Animal Models: Elucidation of Biomarkers and Therapeutic Approaches for Cognitive Impairment. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	6
115	Oral (-)-Epicatechin Inhibits Progressive Tau Pathology in rTg4510 Mice Independent of Direct Actions at GSK3[]2021, 15, 697319		O
114	The Association between Tau Protein Level in Cerebrospinal Fluid and Cognitive Status: A Large-Scale Analysis of GAAIN Database. 2021 , 11,		2
113	Dichotomous role of microtubule associated protein tau as a biomarker of response to and a target for increasing efficacy of taxane treatment in cancers of epithelial origin. 2021 , 168, 105585		2
112	Intravenous administration of mesenchymal stem cells reduces Tau phosphorylation and inflammation in the 3xTg-AD mouse model of Alzheimer's disease. 2021 , 341, 113706		7
111	The Synaptic Vesicle Protein 2A Interacts With Key Pathogenic Factors in Alzheimer's Disease: Implications for Treatment. 2021 , 9, 609908		2
110	The potential role of glial cells in driving the prion-like transcellular propagation of tau in tauopathies. 2021 , 14, 100242		3
109	Metformin protects against neuroinflammation through integrated mechanisms of miR-141 and the NF- B -mediated inflammasome pathway in a diabetic mouse model. 2021 , 903, 174146		3
108	Relevance of 5-HT Receptor Modulation of Pyramidal Cell Excitability for Dementia-Related Psychosis: Implications for Pharmacotherapy. 2021 , 35, 727-741		5
107	The PI3K/Akt signaling axis in Alzheimer's disease: a valuable target to stimulate or suppress?. 2021 , 26, 871-887		11
106	Generation and characterization of a tractable C. elegans model of tauopathy. 2021 , 43, 2621-2631		0
105	Bushen-Huatan-Yizhi formula reduces spatial learning and memory challenges through inhibition of the GSK-3 / CREB pathway in AD-like model rats. 2021 , 90, 153624		O
104	Transgenic fluorescent zebrafish lines that have revolutionized biomedical research. <i>Laboratory Animal Research</i> , 2021 , 37, 26	1.9	2
103	The role of neuroglial metabotropic glutamate receptors in Alzheimer's disease. 2021 ,		2

102	Exendin-4 Improves Cognitive Function of Diabetic Mice via Increasing Brain Insulin Synthesis. 2021 , 18, 546-557	O
101	An Overview of the Nrf2/ARE Pathway and Its Role in Neurodegenerative Diseases. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6
100	Activity-dependent release of phosphorylated human tau from Drosophila neurons in primary culture. 2021 , 297, 101108	O
99	Icariin ameliorate Alzheimer's disease by influencing SIRT1 and inhibiting Alæascade pathogenesis. 2021 , 117, 102014	1
98	Tau peptide signals are seen in Parkinson subjects by Broderick Probe□ sensors. 2021 , 11, 46-50	
97	Preclinical and clinical biomarker studies of CT1812: A novel approach to Alzheimer's disease modification. <i>Alzheimerus and Dementia</i> , 2021 , 17, 1365-1382	11
96	Knockdown of long non-coding RNA SOX21-AS1 attenuates amyloid-Enduced neuronal damage by sponging miR-107. 2020 , 40,	8
95	Evidence for sortilin modulating regional accumulation of human tau prions in transgenic mice. 2017 , 114, E11029-E11036	13
94	New advances in tau imaging in parkinsonism. 2017 , 29, 628-635	4
93	High-fat diet-induced activation of SGK1 promotes Alzheimer∃ disease-associated tau pathology.	1
92	SIRT1 regulates O-GlcNAcylation of tau through OGT. 2020 , 12, 7042-7055	6
91	PTML Modeling for Alzheimer's Disease: Design and Prediction of Virtual Multi-Target Inhibitors of GSK3B, HDAC1, and HDAC6. 2020 , 20, 1661-1676	7
90	Current Therapeutic Molecules and Targets in Neurodegenerative Diseases Based on in silico Drug Design. 2018 , 16, 649-663	17
89	Racemization Hypothesis of COVID-19. Tip of the Iceberg.	1
88	Degradation or aggregation: the ramifications of post-translational modifications on tau. 2018 , 51, 265-273	31
87	Biomarkers of Parkinson⊠ Disease. 2014 , 1-18	
86	Retrograde transport of Akt by a neuronal Rab5-APPL1 endosome.	
85	Association of cellular and subcellular calcification with phosphorylated tau in the brains of Alzheimer disease patients.	

84	Arginine and Arginine-Rich Peptides as Modulators of Protein Aggregation and Cytotoxicity Associated With Alzheimer's Disease. 2021 , 14, 759729		3
83	New insights into the role of fibroblast growth factors in Alzheimer's disease. 2021 , 1		2
82	Post-translational modifications within tau paired helical filament nucleating motifs perturb microtubule interactions and oligomer formation. 2021 , 101442		1
81	Role of Oxygen Radicals in Alzheimer Disease: Focus on Tau Protein. 2021 , 1, 96-120		O
80	The role of pathological tau in synaptic dysfunction in Alzheimer's diseases. 2021 , 10, 45		6
79	Human Induced Pluripotent Stem Cell Models of Frontotemporal Dementia With Tau Pathology. 2021 , 9, 766773		O
78	Nanotechnology: An Emerging Field in Protein Aggregation and Cancer Therapeutics. 2022, 177-207		
77	Human Genome-wide Analysis and Identification of the Hyperphosphorylation-elicited Interactions between Subarachnoid Tau Protein and Phosphoprotein-binding Domains. 2021 ,		1
76	Comparative Analysis of Aducanumab, Zagotenemab and Pioglitazone as Targeted Treatment Strategies for Alzheimer's Disease. 2021 , 12, 1964-1976		8
75	Synapses, Microglia, and Lipids in Alzheimer's Disease 2021 , 15, 778822		2
74	Quantitative Phosphoproteomics Reveals Extensive Protein Phosphorylation Dysregulation in the Cerebral Cortex of Huntington's Disease Mice Prior to Onset of Symptoms <i>Molecular Neurobiology</i> , 2022 , 59, 2456	6.2	1
73	Amyloid-beta peptide and tau protein crosstalk in Alzheimer's disease 2022 , 17, 1666-1674		9
72	Fukutin regulates tau phosphorylation and synaptic function: Novel properties of fukutin in neurons 2022 ,		2
71	Tanshinone IIA regulates glycogen synthase kinase-3E elated signaling pathway and ameliorates memory impairment in APP/PS1 transgenic mice 2022 , 174772		O
70	Neuroimaging (Anatomical MRI)-Based Classification of Alzheimer Diseases and Mild Cognitive Impairment Using Convolution Neural Network. 2022 , 77-87		
69	Glycogen Synthase Kinase 3Involvement in Neuroinflammation and Neurodegenerative Diseases 2022 ,		1
68	The Effect of Lipid Composition on the Dynamics of Tau Fibrils.		
67	Tau liquid-liquid phase separation in neurodegenerative diseases 2022,		6

66	Nuclear and cellular, micro and nano calcification in Alzheimer's disease patients and correlation to phosphorylated Tau 2022 ,		3
65	Proteomic analysis of heat-stable proteins revealed an increased proportion of proteins with compositionally biased regions 2022 , 12, 4347		O
64	Neuroprotective Effects of Cholinesterase Inhibitors: Current Scenario in Therapies for Alzheimer's Disease and Future Perspectives <i>Journal of Alzheimerus Disease Reports</i> , 2022 , 6, 177-193	3.3	1
63	Targeting tau only extracellularly is likely to be less efficacious than targeting it both intra- and extracellularly <i>Seminars in Cell and Developmental Biology</i> , 2021 ,	7.5	Ο
62	Differential expression of tau species and the association with cognitive decline and synaptic loss in Alzheimer's disease. <i>Alzheimer's and Dementia</i> , 2021 ,	1.2	1
61	Alzheimer: A Complex Genetic Background.		
60	Perspectives on the Role of as a Therapeutic Target for Alzheimer's Disease <i>Journal of Alzheimerus Disease Reports</i> , 2021 , 5, 899-910	3.3	
59	Tauopathies. 109-148		1
58	lmage_1.TIF. 2019 ,		
57	Image_2.TIF. 2019 ,		
56	lmage_3.TIF. 2019 ,		
55	Image_4.TIF. 2019 ,		
54	lmage_5.TIF. 2019 ,		
53	Table_1.docx. 2019 ,		
52	GSK-3Iand its Inhibitors in Alzheimer's Disease: A Recent Update <i>Mini-Reviews in Medicinal Chemistry</i> , 2022 ,	3.2	O
51	Contributive Role of Hyperglycemia and Hypoglycemia Towards the Development of Alzheimer's Disease <i>Molecular Neurobiology</i> , 2022 , 1	6.2	2
50	Retinoic acid regulates the ubiquitin-proteasome system in a middle cerebral artery occlusion animal model <i>Laboratory Animal Research</i> , 2022 , 38, 13	1.9	O
49	The LPA-CDK5-tau pathway mediates neuronal injury in an in vitro model of ischemia-reperfusion insult <i>BMC Neurology</i> , 2022 , 22, 166	3.1	О

48	Tau acetylation at K280 regulates tau phosphorylation. International Journal of Neuroscience, 1-7	2	0
47	Metformin: Is it a drug for all reasons and diseases?. Metabolism: Clinical and Experimental, 2022, 15522.	312.7	6
46	Tau R2 and R3 are essential regions for tau aggregation, seeding and propagation. <i>Biochimie</i> , 2022 , 200, 79-86	4.6	О
45	Tau-aggregation inhibition: promising role of nanoencapsulated dietary molecules in the management of Alzheimer disease. <i>Critical Reviews in Food Science and Nutrition</i> , 1-16	11.5	
44	Investigating key factors underlying neurodegeneration linked to alpha-synuclein spread. <i>Neuropathology and Applied Neurobiology</i> ,	5.2	
43	Comprehensive Characterization of CK1EMediated Tau Phosphorylation in Alzheimer Disease. Frontiers in Molecular Biosciences, 9,	5.6	
42	Site-specific C-terminal fluorescent labeling of Tau protein.		
41	Tau as a Biomarker of Neurodegeneration. International Journal of Molecular Sciences, 2022, 23, 7307	6.3	4
40	Altered amyloid precursor protein, tau-regulatory proteins, neuronal numbers and behaviour, but no tau pathology, synaptic and inflammatory changes or memory deficits, at 1 month following repetitive mild traumatic brain injury. <i>European Journal of Neuroscience</i> ,	3.5	0
39	A low-cost, flexible extruder for liposomes synthesis and application for Murrayafoline A delivery for cancer treatment. <i>Journal of Biomaterials Applications</i> , 088532822211124	2.9	1
38	Imaging Pathological Tau in Atypical Parkinsonisms: A Review. <i>Clinical Parkinsonism & Related Disorders</i> , 2022 , 100155	0.9	0
37	Aland Tau Regulate Microglia Metabolism via Exosomes in Alzheimer Disease. <i>Biomedicines</i> , 2022 , 10, 1800	4.8	O
36	Proteomic Assessment of C57BL/6 Hippocampi after Non-Selective Pharmacological Inhibition of Nitric Oxide Synthase Activity: Implications of Seizure-like Neuronal Hyperexcitability Followed by Tauopathy. <i>Biomedicines</i> , 2022 , 10, 1772	4.8	
35	Alzheimer disease: Ablating single master site abolishes tau hyperphosphorylation. 2022, 8,		Ο
34	Tau liquid[Iquid phase separation: At the crossroads of tau physiology and tauopathy.		2
33	The effect of lipid composition on the dynamics of tau fibrils.		1
32	Glioblastoma is associated with extensive accelerated brain ageing.		
31	Title: Neuroprotective repositioning and anti-tau effect of carvedilol on rotenone induced neurotoxicity in rats: Insights from an insilico& in vivo anti-Parkinson's disease study. 2022 , 175204	ł	O

30	The 28-day repeated arsenic exposure increases tau phosphorylation in the rat brain. 2022, 95, 103974	О
29	Role of the Cysteine in R3 Tau Peptide in Copper Binding and Reactivity. 2022 , 23, 10726	1
28	Somatic Mutations and Alzheimer∄ Disease. 2022 , 1-18	0
27	More than a marker: potential pathogenic functions of MAP2. 15,	O
26	Molecular diagnosis of Alzheimer⊠ disease. 14, 287-295	O
25	The Interplay between GSK3Iand Tau Ser262 Phosphorylation during the Progression of Tau Pathology. 2022 , 23, 11610	O
24	Multiple Functions of Fukutin, the Gene Responsible for Fukuyama Congenital Muscular Dystrophy, Especially in the Central Nervous System.	0
23	Phosphorylated Tau in Alzheimer Disease and Other Tauopathies. 2022 , 23, 12841	3
22	Liquid[Iquid phase separation in neurodegenerative diseases. 2023 , 619-650	0
21	Modeling Alzheimer∄ Disease Using Human Brain Organoids. 2023 , 135-158	O
20	Dual action of exosomes derived from in vitro Altoxicity model: The role of age for pathological response. 2023 , 106, 104874	0
19	JUNupregulation drives aberrant transposable element mobilization, associated innate immune response, and impaired neurogenesis in Alzheimer disease.	O
18	3-Hydroxy-3-methylglutaryl (HMG)-coenzyme A (CoA) reductase inhibitor modulates biomarkers related to Alzheimer's disease pathology in a sepsis-surviving rat model.	0
17	Ensemble Model for Diagnostic Classification of Alzheimer Disease Based on Brain Anatomical Magnetic Resonance Imaging. 2022 , 12, 3193	1
16	Site-Specific C-Terminal Fluorescent Labeling of Tau Protein. 2022, 7, 47009-47014	0
15	Role of Tau in Various Tauopathies, Treatment Approaches, and Emerging Role of Nanotechnology in Neurodegenerative Disorders.	O
14	The rate of altered protein apply dation in pourode conceptive disease. 14	0
	The role of altered protein acetylation in neurodegenerative disease. 14,	О

12	Pharmacotherapy Evolution in Alzheimer Disease: Current Framework and Relevant Directions. 2023 , 12, 131	1
11	Separation of Isomeric Tau Phosphopeptides from Alzheimer Disease Brain by Cyclic Ion Mobility Mass Spectrometry.	0
10	The Effect of the Tau Protein on D. melanogaster Lifespan Depends on GSK3 Expression and Sex. 2023 , 24, 2166	0
9	Tau, tau kinases, and tauopathies: An updated overview.	0
8	Initiation and modulation of Tau protein phase separation by the drug suramin. 2023, 13,	0
7	Friend or foe: role of pathological tau in neuronal death.	0
6	Diagnostic Role of Tau Proteins in Amyotrophic Lateral Sclerosis: A Systematic Review and Meta-Analysis. 2023 , 2023, 1-10	0
5	Deep Learning to Detect the Function of Calmodulin in Alzheimer∄ Disease. 36, 720-725	O
4	Epigenetic regulons in Alzheimer's disease. 2023 ,	0
3	Tau positron emission tomography in tauopathies: A narrative review. 2023 , 7, 7-24	O
2	A prolyl oligopeptidase inhibitor reduces tau pathology in cellular models and in mice with tauopathy. 2023 , 15,	О
1	Domain-specific modulatory effects of phosphomimetic substitutions on liquid-liquid phase separation of tau protein. 2023 , 104722	O