

# CITATION REPORT

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**Oxidative modification and down-regulation of Pin1 in Alzheimerts disease hippocampus: A redox proteomics analysis**

**DOI: 10.1016/j.neurobiolaging.2005.05.005**  
**Neurobiology of Aging, 2006, 27, 918-25.**

**Source:** <https://exaly.com/paper-pdf/39934781/citation-report.pdf>

**Version:** 2024-04-28

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#	Paper	IF	Citations
210	Translational research in central nervous system drug discovery. <b>2005</b> , 2, 671-82		80
209	Nitrosative stress, cellular stress response, and thiol homeostasis in patients with Alzheimer's disease. <b>2006</b> , 8, 1975-86		189
208	Mitochondrial dysfunction and oxidative stress in neurodegenerative diseases. <b>2006</b> , 443, 787-95		4313
207	Protein oxidation and lipid peroxidation in brain of subjects with Alzheimer's disease: insights into mechanism of neurodegeneration from redox proteomics. <b>2006</b> , 8, 2021-37		192
206	Oxidative stress in neurodegenerative disorders. <b>2006</b> , 8, 1971-3		64
205	Redox proteomics identification of oxidized proteins in Alzheimer's disease hippocampus and cerebellum: an approach to understand pathological and biochemical alterations in AD. <i>Neurobiology of Aging</i> , <b>2006</b> , 27, 1564-76	5.6	264
204	Redox proteomics identification of oxidatively modified brain proteins in inherited Alzheimer's disease: an initial assessment. <b>2006</b> , 10, 391-7		103
203	Pin1 in Alzheimer's disease. <b>2006</b> , 98, 1697-706		136
202	Oxidative stress in Alzheimer's disease brain: new insights from redox proteomics. <b>2006</b> , 545, 39-50		267
201	Identification of nitrated proteins in Alzheimer's disease brain using a redox proteomics approach. <b>2006</b> , 22, 76-87		303
200	Causes and Diagnosis of Alzheimers Disease: A Proteomics Approach. <b>2006</b> , 3, 81-112		2
199	Effects of ATP, Mg <sup>2+</sup> , and redox agents on the Ca <sup>2+</sup> dependence of RyR channels from rat brain cortex. <b>2007</b> , 293, C162-71		33
198	Inhibition of Pin1 reduces glutamate-induced perikaryal accumulation of phosphorylated neurofilament-H in neurons. <b>2007</b> , 18, 3645-55		46
197	Alzheimer's disease, oxidative stress and B-vitamin depletion. <b>2007</b> , 2, 537-547		7
196	Proteomics analysis of the Alzheimer's disease hippocampal proteome. <b>2007</b> , 11, 153-64		190
195	Redox proteomics identification of oxidatively modified brain proteins in Alzheimer's disease and mild cognitive impairment: insights into the progression of this dementing disorder. <b>2007</b> , 12, 61-72		109
194	Acrolein induces selective protein carbonylation in synaptosomes. <b>2007</b> , 147, 674-9		54

193	Pin1 in Alzheimer's disease: multiple substrates, one regulatory mechanism?. <b>2007</b> , 1772, 422-9	63
192	Amyloid $\beta$ Peptide(1-42), Oxidative Stress, and Alzheimer's Disease. <b>2007</b> , 83-92	2
191	Proteomic identification of oxidized mitochondrial proteins following experimental traumatic brain injury. <b>2007</b> , 24, 772-89	123
190	Novel strategies for Alzheimer's disease treatment. <b>2007</b> , 7, 1853-67	22
189	The significance of Pin1 in the development of Alzheimer's disease. <b>2007</b> , 11, 13-23	31
188	An increase in S-glutathionylated proteins in the Alzheimer's disease inferior parietal lobule, a proteomics approach. <b>2007</b> , 85, 1506-14	133
187	Formation of 3-nitrotyrosines in carbonic anhydrase III is a sensitive marker of oxidative stress in skeletal muscle. <b>2007</b> , 1, 362-72	32
186	HUPO BPP pilot study: a proteomics analysis of the mouse brain of different developmental stages. <b>2007</b> , 7, 4008-15	17
185	Prolyl cis-trans isomerization as a molecular timer. <b>2007</b> , 3, 619-29	476
184	The prolyl isomerase PIN1: a pivotal new twist in phosphorylation signalling and disease. <b>2007</b> , 8, 904-16	521
183	Roles of amyloid beta-peptide-associated oxidative stress and brain protein modifications in the pathogenesis of Alzheimer's disease and mild cognitive impairment. <b>2007</b> , 43, 658-77	430
182	Proteomic identification of nitrated brain proteins in amnesic mild cognitive impairment: a regional study. <b>2007</b> , 11, 839-51	76
181	The complex p25/Cdk5 kinase in neurofibrillary degeneration and neuronal death: the missing link to cell cycle. <b>2007</b> , 2, 967-77	20
180	Regional expression of key cell cycle proteins in brain from subjects with amnesic mild cognitive impairment. <b>2007</b> , 32, 655-62	39
179	Carbonic anhydrase activators: L-Adrenaline plugs the active site entrance of isozyme II, activating better isoforms I, IV, VA, VII, and XIV. <b>2007</b> , 17, 628-35	82
178	Prolyl isomerase, Pin1: new findings of post-translational modifications and physiological substrates in cancer, asthma and Alzheimer's disease. <b>2008</b> , 65, 359-75	87
177	Proteomic identification of proteins in the human brain: Towards a more comprehensive understanding of neurodegenerative disease. <b>2008</b> , 2, 1484-97	17
176	Advances in Alzheimer's and Parkinson's Disease. <b>2008</b> ,	

175	Molecular mechanisms and pathophysiology of necrotic cell death. <b>2008</b> , 8, 207-20	255
174	Altered neuronal gene expression in brain regions differentially affected by Alzheimer's disease: a reference data set. <b>2008</b> , 33, 240-56	211
173	Phosphorylation-specific prolyl isomerase Pin1 as a new diagnostic and therapeutic target for cancer. <b>2008</b> , 8, 223-9	44
172	Redox-Mediated Signal Transduction. <b>2009</b> ,	0
171	A common biological mechanism in cancer and Alzheimer's disease?. <b>2009</b> , 6, 196-204	126
170	Proteomic identification of HNE-bound proteins in early Alzheimer disease: Insights into the role of lipid peroxidation in the progression of AD. <b>2009</b> , 1274, 66-76	167
169	Proteomic identification of nitrated brain proteins in traumatic brain-injured rats treated postinjury with gamma-glutamylcysteine ethyl ester: insights into the role of elevation of glutathione as a potential therapeutic strategy for traumatic brain injury. <b>2009</b> , 87, 408-17	47
168	Oxidatively modified proteins in Alzheimer's disease (AD), mild cognitive impairment and animal models of AD: role of Abeta in pathogenesis. <b>2009</b> , 118, 131-50	162
167	Glutathionylation of the pro-apoptotic protein p53 in Alzheimer's disease brain: implications for AD pathogenesis. <b>2009</b> , 34, 727-33	62
166	PIN1 gene variants in Alzheimer's disease. <b>2009</b> , 10, 115	21
165	The role of tau in neurodegeneration. <b>2009</b> , 4, 13	269
164	Essential role of Pin1 in the regulation of TRF1 stability and telomere maintenance. <b>2009</b> , 11, 97-105	85
163	Biomarkers of oxidative and nitrosative damage in Alzheimer's disease and mild cognitive impairment. <b>2009</b> , 8, 285-305	178
162	Mitochondrial glutathione, a key survival antioxidant. <b>2009</b> , 11, 2685-700	648
161	Oxidative damage of mitochondrial proteins contributes to fruit senescence: a redox proteomics analysis. <b>2009</b> , 8, 2449-62	136
160	Oxidative Neural Injury. <b>2009</b> ,	
159	Expressive proteomics profile changes of injured human brain cortex due to acute brain trauma. <b>2009</b> , 23, 830-40	18
158	Age-associated oxidative damage to the p62 promoter: implications for Alzheimer disease. <b>2009</b> , 46, 492-501	77

157	Role of oxidative stress in the progression of Alzheimer's disease. <b>2010</b> , 19, 341-53	234
156	L-methylfolate, methylcobalamin, and N-acetylcysteine in the treatment of Alzheimer's disease-related cognitive decline. <b>2010</b> , 15, 2-5; discussion 6	20
155	Preclinical Alzheimer disease: brain oxidative stress, Abeta peptide and proteomics. <b>2010</b> , 39, 221-8	67
154	Involvement of Stat3 in mouse brain development and sexual dimorphism: a proteomics approach. <b>2010</b> , 1362, 1-12	17
153	In vivo oxidative stress in brain of Alzheimer disease transgenic mice: Requirement for methionine 35 in amyloid beta-peptide of APP. <b>2010</b> , 48, 136-44	142
152	Increased levels of 4-hydroxynonenal and acrolein in the brain in preclinical Alzheimer disease. <b>2010</b> , 48, 1570-6	148
151	Potential in vivo amelioration by N-acetyl-L-cysteine of oxidative stress in brain in human double mutant APP/PS-1 knock-in mice: toward therapeutic modulation of mild cognitive impairment. <b>2010</b> , 88, 2618-29	53
150	An update on clinical proteomics in Alzheimer's research. <b>2010</b> , 112, 1386-414	70
149	Protein targets of oxidative damage in human neurodegenerative diseases with abnormal protein aggregates. <b>2010</b> , 20, 281-97	161
148	Phosphorylation-specific peptidyl-prolyl isomerization of neuronal cytoskeletal proteins by Pin1: implications for therapeutics in neurodegeneration. <b>2010</b> , 19, 389-403	27
147	Loss of Hsp110 leads to age-dependent tau hyperphosphorylation and early accumulation of insoluble amyloid beta. <b>2010</b> , 30, 4626-43	55
146	Pin1 associates with and induces translocation of CRTC2 to the cytosol, thereby suppressing cAMP-responsive element transcriptional activity. <b>2010</b> , 285, 33018-33027	25
145	Prolyl-peptidyl isomerase, Pin1, phosphorylation is compromised in association with the expression of the HFE polymorphic allele, H63D. <b>2010</b> , 1802, 389-95	12
144	Alterations in brain antioxidant enzymes and redox proteomic identification of oxidized brain proteins induced by the anti-cancer drug adriamycin: implications for oxidative stress-mediated chemobrain. <b>2010</b> , 166, 796-807	98
143	Roles of 3-nitrotyrosine- and 4-hydroxynonenal-modified brain proteins in the progression and pathogenesis of Alzheimer's disease. <b>2011</b> , 45, 59-72	93
142	Tau Pathology. <b>2011</b> , 83-132	1
141	Peptidyl-prolyl cis-trans isomerase Pin1 in ageing, cancer and Alzheimer disease. <b>2011</b> , 13, e21	134
140	Proteomic research in psychiatry. <b>2011</b> , 25, 151-96	68

139	Calpastatin is regulated by protein never in mitosis gene A interacting-1 (PIN1) in endothelial cells. <b>2011</b> , 414, 581-6	8
138	Differential expression and redox proteomics analyses of an Alzheimer disease transgenic mouse model: effects of the amyloid- $\beta$ peptide of amyloid precursor protein. <b>2011</b> , 177, 207-22	52
137	Yeast as a model system to study tau biology. <b>2011</b> , 2011, 428970	21
136	Pin1: A New Enzyme Pivotal for Protecting Against Alzheimer's Disease. <b>2011</b> ,	
135	Redox proteomics analysis of brains from subjects with amnesic mild cognitive impairment compared to brains from subjects with preclinical Alzheimer's disease: insights into memory loss in MCI. <b>2011</b> , 23, 257-69	79
134	The intracellular threonine of amyloid precursor protein that is essential for docking of Pin1 is dispensable for developmental function. <b>2011</b> , 6, e18006	19
133	Pin1: a new outlook in Alzheimer's disease. <b>2011</b> , 8, 615-22	7
132	Prolyl isomerase Pin1 as a molecular switch to determine the fate of phosphoproteins. <b>2011</b> , 36, 501-14	250
131	2-Mercaptoethane sulfonate prevents doxorubicin-induced plasma protein oxidation and TNF- $\alpha$ release: implications for the reactive oxygen species-mediated mechanisms of chemobrain. <b>2011</b> , 50, 1630-8	112
130	Lipid peroxidation and neurodegenerative disease. <b>2011</b> , 51, 1302-19	260
129	Unraveling the role of peptidyl-prolyl isomerases in neurodegeneration. <i>Molecular Neurobiology</i> , <b>2011</b> , 44, 13-27	6.2 23
128	Genetic variation in the tau protein phosphatase-2A pathway is not associated with Alzheimer's disease risk. <b>2011</b> , 4, 327	10
127	Proteomic analysis of brain proteins in APP/PS-1 human double mutant knock-in mice with increasing amyloid $\beta$ peptide deposition: insights into the effects of in vivo treatment with N-acetylcysteine as a potential therapeutic intervention in mild cognitive impairment and Alzheimer's disease. <b>2011</b> , 11, 4243-56	34
126	Oxidative and nitrosative modifications of biliverdin reductase-A in the brain of subjects with Alzheimer's disease and amnesic mild cognitive impairment. <b>2011</b> , 25, 623-33	68
125	Trans-forming endothelial nitric oxide synthase in hypertension: more than meets the eye. <b>2011</b> , 58, 359-60	3
124	Prolyl isomerase Pin1 regulates neuronal differentiation via Eatenin. <b>2012</b> , 32, 2966-78	49
123	Inverse association between cancer and Alzheimer's disease: results from the Framingham Heart Study. <b>2012</b> , 344, e1442	237
122	4-Hydroxy-2-nonenal, a reactive product of lipid peroxidation, and neurodegenerative diseases: a toxic combination illuminated by redox proteomics studies. <b>2012</b> , 17, 1590-609	150

121	Alzheimer's disease and amyloid: culprit or coincidence?. <b>2012</b> , 102, 277-316		58
120	A PIN1 polymorphism that prevents its suppression by AP4 associates with delayed onset of Alzheimer's disease. <i>Neurobiology of Aging</i> , <b>2012</b> , 33, 804-13	5.6	54
119	Elevated 4-hydroxyhexenal in Alzheimer's disease (AD) progression. <i>Neurobiology of Aging</i> , <b>2012</b> , 33, 1034-44	5.6	61
118	Understanding the link between cancer and neurodegeneration. <b>2012</b> , 3, 58-67		32
117	Elevation of glutathione as a therapeutic strategy in Alzheimer disease. <b>2012</b> , 1822, 625-30		211
116	Complete thermodynamic and kinetic characterization of the isomer-specific interaction between Pin1-WW domain and the amyloid precursor protein cytoplasmic tail phosphorylated at Thr668. <b>2012</b> , 51, 8583-96		21
115	Cell cycle proteins in brain in mild cognitive impairment: insights into progression to Alzheimer disease. <b>2012</b> , 22, 220-30		41
114	Alzheimer's disease-related loss of Pin1 function influences the intracellular localization and the processing of APP. <b>2012</b> , 30, 277-97		28
113	TPA-induced cell transformation provokes a complex formation between Pin1 and 90 kDa ribosomal protein S6 kinase 2. <b>2012</b> , 367, 85-92		20
112	Pin1 inhibition activates cyclin D and produces neurodegenerative pathology. <b>2012</b> , 120, 430-9		13
111	Overexpression of peptidyl-prolyl isomerase Pin1 attenuates hepatocytes apoptosis and secondary necrosis following carbon tetrachloride-induced acute liver injury in mice. <b>2012</b> , 62, 8-15		7
110	Molecular links between Alzheimer's disease and diabetes mellitus. <b>2013</b> , 250, 140-50		132
109	Unraveling a phosphorylation event in a folded protein by NMR spectroscopy: phosphorylation of the Pin1 WW domain by PKA. <b>2013</b> , 55, 323-37		22
108	Amyloid Epeptide (1-42)-induced oxidative stress in Alzheimer disease: importance in disease pathogenesis and progression. <b>2013</b> , 19, 823-35		347
107	Hsp90-binding immunophilins as a potential new platform for drug treatment. <b>2013</b> , 5, 591-607		17
106	p73 haploinsufficiency causes tau hyperphosphorylation and tau kinase dysregulation in mouse models of aging and Alzheimer's disease. <i>Neurobiology of Aging</i> , <b>2013</b> , 34, 387-99	5.6	17
105	Tau pathology modulates Pin1 post-translational modifications and may be relevant as biomarker. <i>Neurobiology of Aging</i> , <b>2013</b> , 34, 757-69	5.6	11
104	Redox proteomics: chemical principles, methodological approaches and biological/biomedical promises. <b>2013</b> , 113, 596-698		179

103	Complete protein characterization using top-down mass spectrometry and ultraviolet photodissociation. <b>2013</b> , 135, 12646-51	255
102	Antisense directed against PS-1 gene decreases brain oxidative markers in aged senescence accelerated mice (SAMP8) and reverses learning and memory impairment: a proteomics study. <b>2013</b> , 65, 1-14	33
101	The peptidyl-prolyl isomerase Pin1 up-regulation and proapoptotic function in dopaminergic neurons: relevance to the pathogenesis of Parkinson disease. <b>2013</b> , 288, 21955-71	52
100	Peptidyl-prolyl cis/trans-isomerase A1 (Pin1) is a target for modification by lipid electrophiles. <b>2013</b> , 26, 270-9	25
99	Studies on Alzheimer's Disease. <b>2013</b> ,	
98	Cis phosphorylated tau as the earliest detectable pathogenic conformation in Alzheimer disease, offering novel diagnostic and therapeutic strategies. <b>2013</b> , 7, 117-20	22
97	Mitochondrial dysfunction: different routes to Alzheimer's disease therapy. <b>2014</b> , 2014, 780179	119
96	Inverse correlation between Alzheimer's disease and cancer: implication for a strong impact of regenerative propensity on neurodegeneration?. <b>2014</b> , 14, 211	22
95	Peripheral blood mononuclear cells as a laboratory to study dementia in the elderly. <b>2014</b> , 2014, 169203	45
94	The C113D mutation in human Pin1 causes allosteric structural changes in the phosphate binding pocket of the PPIase domain through the tug of war in the dual-histidine motif. <b>2014</b> , 53, 5568-78	19
93	Regulation of mitochondrial apoptosis by Pin1 in cancer and neurodegeneration. <b>2014</b> , 19 Pt A, 88-96	27
92	Cysteine-mediated dynamic hydrogen-bonding network in the active site of Pin1. <b>2014</b> , 53, 3839-50	19
91	Mass spectrometry and redox proteomics: applications in disease. <b>2014</b> , 33, 277-301	82
90	Aging as a Precipitating Factor in Chronic Restraint Stress-Induced Tau Aggregation Pathology, and the Protective Effects of Rosmarinic Acid. <b>2016</b> , 49, 829-44	17
89	Proteomic Analysis of Protein Expression Throughout Disease Progression in a Mouse Model of Alzheimer's Disease. <b>2015</b> , 47, 915-26	14
88	Tau Hyperphosphorylation and Oxidative Stress, a Critical Vicious Circle in Neurodegenerative Tauopathies?. <b>2015</b> , 2015, 151979	138
87	Site-specific, intramolecular cross-linking of Pin1 active site residues by the lipid electrophile 4-oxo-2-nonenal. <b>2015</b> , 28, 817-27	15
86	Peroxide-mediated oxidation and inhibition of the peptidyl-prolyl isomerase Pin1. <b>2015</b> , 1852, 905-12	19



85	Interaction of p53 with prolyl isomerases: Healthy and unhealthy relationships. <b>2015</b> , 1850, 2048-60	20
84	Explorative and targeted neuroproteomics in Alzheimer's disease. <b>2015</b> , 1854, 769-78	36
83	Pin1 cysteine-113 oxidation inhibits its catalytic activity and cellular function in Alzheimer's disease. <b>2015</b> , 76, 13-23	62
82	Pin1 dysregulation helps to explain the inverse association between cancer and Alzheimer's disease. <b>2015</b> , 1850, 2069-76	53
81	Oxidative stress in Alzheimer disease and mild cognitive impairment: evidence from human data provided by redox proteomics. <b>2015</b> , 89, 1669-80	126
80	Biomarkers of lipid peroxidation in Alzheimer disease (AD): an update. <b>2015</b> , 89, 1035-44	90
79	Molecular mechanisms linking amyloid $\beta$ toxicity and Tau hyperphosphorylation in Alzheimer's disease. <b>2015</b> , 83, 186-91	82
78	A multifunctional ELISA to measure proteins: oxPin1 in Alzheimer's brain as an example. <b>2015</b> , 4, 1-6	2
77	Diametrical diseases reflect evolutionary-genetic tradeoffs: Evidence from psychiatry, neurology, rheumatology, oncology and immunology. <b>2015</b> , 2015, 216-53	38
76	Allosteric Breakage of the Hydrogen Bond within the Dual-Histidine Motif in the Active Site of Human Pin1 PPlase. <b>2015</b> , 54, 5242-53	12
75	The Rationale for Insulin Therapy in Alzheimer's Disease. <b>2016</b> , 21,	11
74	Treatment with the neurotoxic A $\beta$ (25-35) peptide modulates the expression of neuroprotective factors Pin1, Sirtuin 1, and brain-derived neurotrophic factor in SH-SY5Y human neuroblastoma cells. <b>2016</b> , 68, 271-6	27
73	Proteomic approaches to quantify cysteine reversible modifications in aging and neurodegenerative diseases. <b>2016</b> , 10, 1159-1177	23
72	Hippocampal A $\beta$ expression, but not phosphorylated tau, predicts cognitive deficits following repeated peripheral poly I:C administration. <b>2016</b> , 313, 219-225	4
71	Aberrant protein phosphorylation in Alzheimer disease brain disturbs pro-survival and cell death pathways. <b>2016</b> , 1862, 1871-82	48
70	Mitochondrial Dysfunction in Neurodegenerative Disorders. <b>2016</b> ,	2
69	Mitochondrial Signaling and Neurodegeneration. <b>2016</b> , 107-137	3
68	Neurodegeneration and Alzheimer's disease (AD). What Can Proteomics Tell Us About the Alzheimer's Brain?. <b>2016</b> , 15, 409-25	57

67	Down-regulation of Pin1 in Temporal Lobe Epilepsy Patients and Mouse Model. <b>2017</b> , 42, 1211-1218	9
66	Metformin - a Future Therapy for Neurodegenerative Diseases : Theme: Drug Discovery, Development and Delivery in Alzheimer's Disease Guest Editor: Davide Brambilla. <b>2017</b> , 34, 2614-2627	135
65	Protein Carbonylation in Brains of Subjects with Selected Neurodegenerative Disorders. <b>2017</b> , 167-205	1
64	Cis P-tau is induced in clinical and preclinical brain injury and contributes to post-injury sequelae. <b>2017</b> , 8, 1000	71
63	Centella asiatica, an Ayurvedic Medicinal Plant, Prevents the Major Neurodegenerative and Neurotoxic Mechanisms Associated with Cognitive Impairment. <b>2017</b> , 3-48	2
62	Pathological Role of Peptidyl-Prolyl Isomerase Pin1 in the Disruption of Synaptic Plasticity in Alzheimer's Disease. <b>2017</b> , 2017, 3270725	19
61	Ozone Atmospheric Pollution and Alzheimer's Disease: From Epidemiological Facts to Molecular Mechanisms. <b>2018</b> , 62, 503-522	23
60	Perspectives on Oxidative Stress in Alzheimer's Disease and Predictions of Future Research Emphases. <b>2018</b> , 64, S469-S479	22
59	Oxidative Stress, Amyloid- $\beta$ Peptide, and Altered Key Molecular Pathways in the Pathogenesis and Progression of Alzheimer's Disease. <b>2018</b> , 62, 1345-1367	166
58	Structure and function of the human parvulins Pin1 and Par14/17. <b>2018</b> , 399, 101-125	18
57	The association between PIN1 genetic polymorphisms and the risk of chronic hepatitis B and hepatitis B virus-related liver cirrhosis: A case-control study. <b>2018</b> , 97, e12123	5
56	Aruncus dioicus var. kamtschaticus extract suppresses mitochondrial apoptosis induced-neurodegeneration in trimethyltin-injected ICR mice. <b>2018</b> , 42, e12667	2
55	Proteomics and lipidomics in the human brain. <b>2018</b> , 150, 285-302	5
54	Nitrative Stress and Tau Accumulation in Amyotrophic Lateral Sclerosis/Parkinsonism-Dementia Complex (ALS/PDC) in the Kii Peninsula, Japan. <b>2017</b> , 11, 751	12
53	Phosphorylation of Threonine 175 Tau in the Induction of Tau Pathology in Amyotrophic Lateral Sclerosis-Frontotemporal Spectrum Disorder (ALS-FTSD). A Review. <b>2018</b> , 12, 259	7
52	Peptides as Potential Therapeutics for Alzheimer's Disease. <b>2018</b> , 23,	32
51	Poly-ubiquitin profile in Alzheimer disease brain. <b>2018</b> , 118, 129-141	24
50	Therapeutic implications of how TNF links apolipoprotein E, phosphorylated tau, $\beta$ synuclein, amyloid- $\beta$ and insulin resistance in neurodegenerative diseases. <b>2018</b> , 175, 3859-3875	19

49	Targeting metals rescues the phenotype in an animal model of tauopathy. <b>2018</b> , 10, 1339-1347	13
48	Mangiferin: A multipotent natural product preventing neurodegeneration in Alzheimer's and Parkinson's disease models. <b>2019</b> , 146, 104336	34
47	Oncogenic Hijacking of the PIN1 Signaling Network. <b>2019</b> , 9, 94	9
46	Redox proteomics and amyloid $\beta$ peptide: insights into Alzheimer disease. <b>2019</b> , 151, 459-487	44
45	Phosphoproteomics of Alzheimer disease brain: Insights into altered brain protein regulation of critical neuronal functions and their contributions to subsequent cognitive loss. <b>2019</b> , 1865, 2031-2039	7
44	Redox Proteomes in Human Physiology and Disease Mechanisms. <b>2020</b> , 19, 1-17	13
43	Mitochondrial dysfunction plays a key role in the development of neurodegenerative diseases in diabetes. <b>2020</b> , 318, E750-E764	18
42	The Role of Copper in Tau-Related Pathology in Alzheimer's Disease. <b>2020</b> , 13, 572308	13
41	Delineating Heme-Mediated versus Direct Protein Oxidation in Peroxidase-Activated Cytochrome by Top-Down Mass Spectrometry. <b>2020</b> , 59, 4108-4117	0
40	Peptidyl-Prolyl Isomerase Pin1 and Alzheimer's Disease. <b>2020</b> , 8, 355	10
39	Post-translational Modifications of the Peptidyl-Prolyl Isomerase Pin1. <b>2020</b> , 8, 129	9
38	Brain lipid peroxidation and alzheimer disease: Synergy between the Butterfield and Mattson laboratories. <b>2020</b> , 64, 101049	23
37	Mini Review: Opposing Pathologies in Cancer and Alzheimer's Disease: Does the PI3K/Akt Pathway Provide Clues?. <b>2020</b> , 11, 403	8
36	Activity and Affinity of Pin1 Variants. <b>2019</b> , 25,	2
35	Probing the Effects of Heterogeneous Oxidative Modifications on the Stability of Cytochrome in Solution and in the Gas Phase. <b>2021</b> , 32, 73-83	2
34	The Peptidyl-prolyl Isomerase Pin1 in Neuronal Signaling: from Neurodevelopment to Neurodegeneration. <i>Molecular Neurobiology</i> , <b>2021</b> , 58, 1062-1073	6.2 3
33	The Pin1-CaMKII-AMPA Receptor Axis Regulates Epileptic Susceptibility. <b>2021</b> , 31, 3082-3095	0
32	Promoter Methylation and Gene Expression of Pin1 Associated with the Risk of Alzheimer's Disease in Southern Chinese. <b>2020</b> , 17, 1232-1237	2

31	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. <b>2021</b> , 81, 459-485	3
30	Cobalt induces neurodegenerative damages through Pin1 inactivation in mice and human neuroglioma cells. <b>2021</b> , 419, 126378	4
29	Brain Protein Oxidation and Modification for Good or for Bad in Alzheimer's Disease. <b>2011</b> , 585-605	1
28	Detection of carbonylated proteins in two-dimensional sodium dodecyl sulfate polyacrylamide gel electrophoresis separations. <b>2008</b> , 476, 153-63	11
27	Nitrated Proteins in the Progression of Alzheimer's Disease: A Proteomics Comparison of Mild Cognitive Impairment and Alzheimer's Disease Brain. <b>2009</b> , 137-157	1
26	Proteomics identification of oxidatively modified proteins in brain. <b>2009</b> , 564, 291-301	6
25	Brain Oxidative Stress in the Pathogenesis and Progression of Alzheimer's Disease. <b>2013</b> , 99-118	1
24	Modification of proteins by reactive lipid oxidation products and biochemical effects of lipoxidation. <b>2020</b> , 64, 19-31	14
23	Pin1 has opposite effects on wild-type and P301L tau stability and tauopathy. <b>2008</b> , 118, 1877-89	80
22	Chronic cladribine administration increases amyloid beta peptide generation and plaque burden in mice. <b>2012</b> , 7, e45841	5
21	Exploring the Potential of Neuroproteomics in Alzheimer's Disease. <b>2020</b> , 20, 2263-2278	7
20	Proteomics Analysis in Alzheimer's Disease: New Insights into Mechanisms of Neurodegeneration. <b>2007</b> , 233-252	
19	Redox Proteomics Analysis of Oxidative Modified Brain Proteins in Alzheimer's Disease and Mild Cognitive Impairment: Insights into the Progression of This Dementing Disorder. 379-401	
18	Redox Proteomics of Oxidatively Modified Brain Proteins in Mild Cognitive Impairment. <b>2009</b> , 163-195	
17	The Search for Biomarkers in Alzheimer's Disease. <b>2010</b> , 2, 4	
16	Pin1.	
15	The Amyloid $\beta$ -Protein and Alzheimer's Disease. <b>2012</b> , 1-85	
14	Pin1 and neurodegeneration: a new player for prion disorders?. <b>2015</b> , 2, 311-323	

13	Neurodegenerative Disorders Progression. <b>2019</b> , 129-152		
12	Promoter methylation and gene expression of Pin1 is associated to the risk on Alzheimer's disease in Southern Chinese.		
11	Redox Proteomics Identification of Oxidatively Modified Proteins in Alzheimer's Disease Brain and in Brain from a Rodent Model of Familial Parkinson's Disease: Insights into Potential Mechanisms of Neurodegeneration. <b>2008</b> , 149-167		1
10	Death-associated protein kinase 1 mediates A $\beta$ 2 aggregation-induced neuronal apoptosis and tau dysregulation in Alzheimer's disease.. <i>International Journal of Biological Sciences</i> , <b>2022</b> , 18, 693-706	11.2	3
9	-Acetyl-Cysteine: Modulating the Cysteine Redox Proteome in Neurodegenerative Diseases.. <i>Antioxidants</i> , <b>2022</b> , 11,	7.1	3
8	Caloric Restriction Mimetic 2-Deoxyglucose Reduces Inflammatory Signaling in Human Astrocytes: Implications for Therapeutic Strategies Targeting Neurodegenerative Diseases.. <i>Brain Sciences</i> , <b>2022</b> , 12,	3.4	0
7	A Redox-Sensitive Cysteine Is Required for PIN1At Function.. <i>Frontiers in Plant Science</i> , <b>2021</b> , 12, 7354236.2		
6	Spinal Cord Injury Causes Prominent Tau Pathology Associated with Brain Post-Injury Sequela.. <i>Molecular Neurobiology</i> , <b>2022</b> , 1	6.2	0
5	Oxidative Stress in Tauopathies: From Cause to Therapy. <i>Antioxidants</i> , <b>2022</b> , 11, 1421	7.1	2
4	Exploring the role of non-coding RNAs as potential candidate biomarkers in the cross-talk between diabetes mellitus and Alzheimer's disease. 14,		0
3	The role of peptidyl-prolyl isomerase Pin1 in neuronal signaling in epilepsy. 15,		0
2	Oxidative Stress in Brain in Amnesic Mild Cognitive Impairment. <b>2023</b> , 12, 462		0
1	Cancer and Alzheimer's Inverse Correlation: an Immunogenetic Analysis.		0