George Perry

List of Publications by Year
in descending order

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905	77,897	355 136	871 243
papers	citations	h-index	g-index

1121	1121	1121	60025
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Guidelines for the use and interpretation of assays for monitoring autophagy. Autophagy, 2012, 8, 445-544.	4.3	3,122
2	Guidelines for the use and interpretation of assays for monitoring autophagy in higher eukaryotes. Autophagy, 2008, 4, 151-175.	4.3	2,064
3	Oxidative Damage Is the Earliest Event in Alzheimer Disease. Journal of Neuropathology and Experimental Neurology, 2001, 60, 759-767.	0.9	1,670
4	Iron accumulation in Alzheimer disease is a source of redox-generated free radicals. Proceedings of the National Academy of Sciences of the United States of America, 1997, 94, 9866-9868.	3.3	1,259
5	Widespread Peroxynitrite-Mediated Damage in Alzheimerâ€™s Disease. Journal of Neuroscience, 1997, 17, 2653-2657.	1.7	1,216
6	Mitochondrial Abnormalities in Alzheimer's Disease. Journal of Neuroscience, 2001, 21, 3017-3023.	1.7	1,179
7	Impaired Balance of Mitochondrial Fission and Fusion in Alzheimer's Disease. Journal of Neuroscience, 2009, 29, 9090-9103.	1.7	1,003
8	Oxidative stress and mitochondrial dysfunction in Alzheimer's disease. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2014, 1842, 1240-1247.	1.8	982
9	Oxidative damage in Alzheimer's. Nature, 1996, 382, 120-121.	13.7	903
10	4â€Hydroxynonenalâ€Derived Advanced Lipid Peroxidation End Products Are Increased in Alzheimer's Disease. Journal of Neurochemistry, 1997, 68, 2092-2097.	2.1	892
11	Diabetes-Associated Sustained Activation of the Transcription Factor Nuclear Factor-ÂB. Diabetes, 2001, 50, 2792-2808.	0.3	782
12	Advanced Maillard reaction end products are associated with Alzheimer disease pathology.. Proceedings of the National Academy of Sciences of the United States of America, 1994, 91, 5710-5714.	3.3	745
13	RNA Oxidation Is a Prominent Feature of Vulnerable Neurons in Alzheimerâ€™s Disease. Journal of Neuroscience, 1999, 19, 1959-1964.	1.7	708
14	Oxidative Stress and Neurotoxicity. Chemical Research in Toxicology, 2008, 21, 172-188.	1.7	707
15	Oxidative stress in Alzheimerâ€™s disease. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2000, 1502, 139-144.	1.8	668
16	Mitochondrial dysfunction is a trigger of Alzheimer's disease pathophysiology. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2010, 1802, 2-10.	1.8	587
17	Ubiquitin is detected in neurofibrillary tangles and senile plaque neurites of Alzheimer disease brains.. Proceedings of the National Academy of Sciences of the United States of America, 1987, 84, 3033-3036.	3.3	586
18	Glycated tau protein in Alzheimer disease: a mechanism for induction of oxidant stress.. Proceedings of the National Academy of Sciences of the United States of America, 1994, 91, 7787-7791.	3.3	577

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19	Chemistry and Biochemistry of Oxidative Stress in Neurodegenerative Disease. Current Medicinal Chemistry, 2001, 8, 721-738.	1.2	573
20	Parkinson's Disease Is Associated with Oxidative Damage to Cytoplasmic DNA and RNA in Substantia Nigra Neurons. American Journal of Pathology, 1999, 154, 1423-1429.	1.9	570
21	Mitochondria dysfunction in the pathogenesis of Alzheimerâ€™s disease: recent advances. Molecular Neurodegeneration, 2020, 15, 30.	4.4	562
22	Metal Binding and Oxidation of Amyloid-Î² within Isolated Senile Plaque Cores:Â Raman Microscopic Evidenceâ€. Biochemistry, 2003, 42, 2768-2773.	1.2	543
23	Amyloidâ€Î² Deposition in Alzheimer Transgenic Mice Is Associated with Oxidative Stress. Journal of Neurochemistry, 1998, 70, 2212-2215.	2.1	499
24	In Situ Oxidative Catalysis by Neurofibrillary Tangles and Senile Plaques in Alzheimerâ€™s Disease. Journal of Neurochemistry, 2001, 74, 270-279.	2.1	485
25	Involvement of Oxidative Stress in Alzheimer Disease. Journal of Neuropathology and Experimental Neurology, 2006, 65, 631-641.	0.9	484
26	The Amyloid-Î² Pathway in Alzheimerâ€™s Disease. Molecular Psychiatry, 2021, 26, 5481-5503.	4.1	478
27	Radical AGEing in Alzheimer's disease. Trends in Neurosciences, 1995, 18, 172-176.	4.2	469
28	Oxidative stress in Alzheimer disease: A possibility for prevention. Neuropharmacology, 2010, 59, 290-294.	2.0	431
29	Microbes and Alzheimerâ€™s Disease. Journal of Alzheimer's Disease, 2016, 51, 979-984.	1.2	426
30	Impaired mitochondrial biogenesis contributes to mitochondrial dysfunction in Alzheimerâ€™s disease. Journal of Neurochemistry, 2012, 120, 419-429.	2.1	422
31	Activation and redistribution of c-Jun N-terminal kinase/stress activated protein kinase in degenerating neurons in Alzheimer's disease. Journal of Neurochemistry, 2001, 76, 435-441.	2.1	419
32	Non-enzymatically glycated tau in Alzheimer's disease induces neuronal oxidant stress resulting in cytokine gene expression and release of amyloid Î²-peptide. Nature Medicine, 1995, 1, 693-699.	15.2	416
33	Alzheimer's disease: the two-hit hypothesis. Lancet Neurology, The, 2004, 3, 219-226.	4.9	402
34	Alzheimer Disease and Oxidative Stress. Journal of Biomedicine and Biotechnology, 2002, 2, 120-123.	3.0	380
35	Oxidative stress signalling in Alzheimer's disease. Brain Research, 2004, 1000, 32-39.	1.1	377
36	Evidence that the Î²-Amyloid Plaques of Alzheimer's Disease Represent the Redox-silencing and Entombment of AÎ² by Zinc. Journal of Biological Chemistry, 2000, 275, 19439-19442.	1.6	366

#	Article	IF	Citations
37	Copper Mediates Dityrosine Cross-Linking of Alzheimer's Amyloid-Î². Biochemistry, 2004, 43, 560-568.	1.2	362
38	Increased Iron and Free Radical Generation in Preclinical Alzheimer Disease and Mild Cognitive Impairment. Journal of Alzheimer's Disease, 2010, 19, 363-372.	1.2	357
39	Redox-active iron mediates amyloid-Î² toxicity. Free Radical Biology and Medicine, 2001, 30, 447-450.	1.3	356
40	LRRK2 regulates mitochondrial dynamics and function through direct interaction with DLP1. Human Molecular Genetics, 2012, 21, 1931-1944.	1.4	356
41	Oxidative Stress Increases Expression and Activity of BACE in NT2 Neurons. Neurobiology of Disease, 2002, 10, 279-288.	2.1	355
42	The Role of Mitogen-Activated Protein Kinase Pathways in Alzheimerâ€™s Disease. NeuroSignals, 2002, 11, 270-281.	0.5	336
43	Activation of p38 Kinase Links Tau Phosphorylation, Oxidative Stress, and Cell Cycle-Related Events in Alzheimer Disease. Journal of Neuropathology and Experimental Neurology, 2000, 59, 880-888.	0.9	328
44	Role of mitochondrial dysfunction in Alzheimer's disease. Journal of Neuroscience Research, 2002, 70, 357-360.	1.3	324
45	Causes of oxidative stress in Alzheimer disease. Cellular and Molecular Life Sciences, 2007, 64, 2202-2210.	2.4	312
46	beta-Site APP cleaving enzyme up-regulation induced by 4-hydroxynonenal is mediated by stress-activated protein kinases pathways. Journal of Neurochemistry, 2005, 92, 628-636.	2.1	311
47	Neuronal Oxidative Stress Precedes Amyloid-Î² Deposition in Down Syndrome. Journal of Neuropathology and Experimental Neurology, 2000, 59, 1011-1017.	0.9	307
48	Microglial activation and amyloidâ€Î² clearance induced by exogenous heatâ€shock proteins. FASEB Journal, 2002, 16, 601-603.	0.2	299
49	Glycoxidation and oxidative stress in Parkinson disease and diffuse Lewy body disease. Brain Research, 1996, 737, 195-200.	1.1	295
50	Melatonin increases survival and inhibits oxidative and amyloid pathology in a transgenic model of Alzheimer's disease. Journal of Neurochemistry, 2003, 85, 1101-1108.	2.1	295
51	Microtubule Reduction in Alzheimer's Disease and Aging Is Independent of Ï„ Filament Formation. American Journal of Pathology, 2003, 162, 1623-1627.	1.9	294
52	Differential activation of neuronal ERK, JNK/SAPK and p38 in Alzheimer disease: the â€˜two hitâ€™ hypothesis. Mechanisms of Ageing and Development, 2001, 123, 39-46.	2.2	293
53	Oxidative stress activates a positive feedback between the Î³â€•and Î²â€secretase cleavages of the Î²â€amyloid precursor protein. Journal of Neurochemistry, 2008, 104, 683-695.	2.1	287
54	Activation of neuronal extracellular receptor kinase (ERK) in Alzheimer disease links oxidative stress to abnormal phosphorylation. NeuroReport, 1999, 10, 2411-2415.	0.6	278

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55	Activation of NADPH Oxidase in Alzheimer's Disease Brains. Biochemical and Biophysical Research Communications, 2000, 273, 5-9.	1.0	275
56	Amyloid-Î²: a chameleon walking in two worlds: a review of the trophic and toxic properties of amyloid-Î². Brain Research Reviews, 2003, 43, 1-16.	9.1	271
57	Role of metal dyshomeostasis in Alzheimer's disease. Metallomics, 2011, 3, 267.	1.0	267
58	Is oxidative damage the fundamental pathogenic mechanism of Alzheimerâ€™s and other neurodegenerative diseases?. Free Radical Biology and Medicine, 2002, 33, 1475-1479.	1.3	266
59	Ribosomal RNA in Alzheimer Disease Is Oxidized by Bound Redox-active Iron. Journal of Biological Chemistry, 2005, 280, 20978-20986.	1.6	261
60	Oxidative stress in blood in Alzheimer's disease and mild cognitive impairment: A meta-analysis. Neurobiology of Disease, 2013, 59, 100-110.	2.1	260
61	Systemic Increase of Oxidative Nucleic Acid Damage in Parkinson's Disease and Multiple System Atrophy. Neurobiology of Disease, 2002, 9, 244-248.	2.1	258
62	Alzheimer's disease â€“ synergistic effects of glucose deficit, oxidative stress and advanced glycation endproducts. Journal of Neural Transmission, 1998, 105, 439.	1.4	256
63	Alzheimer disease, the two-hit hypothesis: An update. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2007, 1772, 494-502.	1.8	251
64	Oxidative Stress Signaling in Alzheimers Disease. Current Alzheimer Research, 2008, 5, 525-532.	0.7	250
65	How important is oxidative damage? Lessons from Alzheimerâ€™s disease. Free Radical Biology and Medicine, 2000, 28, 831-834.	1.3	247
66	Progress toward standardized diagnosis of vascular cognitive impairment: Guidelines from the Vascular Impairment of Cognition Classification Consensus Study. Alzheimer's and Dementia, 2018, 14, 280-292.	0.4	246
67	The role of abnormal mitochondrial dynamics in the pathogenesis of Alzheimerâ€™s disease. Journal of Neurochemistry, 2009, 109, 153-159.	2.1	245
68	Senile plaque neurites in Alzheimer disease accumulate amyloid precursor protein.. Proceedings of the National Academy of Sciences of the United States of America, 1991, 88, 7552-7556.	3.3	244
69	Alteration of proteins regulating apoptosis, Bcl-2, Bcl-x, Bax, Bak, Bad, ICH-1 and CPP32, in Alzheimer's disease. Brain Research, 1998, 780, 260-269.	1.1	244
70	Oxidative Stress in Diabetes and Alzheimer's Disease. Journal of Alzheimer's Disease, 2009, 16, 763-774.	1.2	244
71	Mitochondria: A therapeutic target in neurodegeneration. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2010, 1802, 212-220.	1.8	244
72	Cytochemical Demonstration of Oxidative Damage in Alzheimer Disease by Immunochemical Enhancement of the Carbonyl Reaction with 2,4-Dinitrophenylhydrazine. Journal of Histochemistry and Cytochemistry, 1998, 46, 731-735.	1.3	234

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73	Neuroinflammation, Hyperphosphorylated Tau, Diffuse Amyloid Plaques, and Down-Regulation of the Cellular Prion Protein in Air Pollution Exposed Children and Young Adults. Journal of Alzheimer's Disease, 2012, 28, 93-107.	1.2	234
74	Magnitude and Kinetics of CD8+ T Cell Activation during Hyperacute HIV Infection Impact Viral Set Point. Immunity, 2015, 43, 591-604.	6.6	234
75	Abnormal mitochondrial dynamics and neurodegenerative diseases. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2010, 1802, 135-142.	1.8	229
76	Tau phosphorylation in Alzheimer's disease: pathogen or protector?. Trends in Molecular Medicine, 2005, 11, 164-169.	3.5	224
77	Sequestration of iron by Lewy bodies in Parkinson's disease. Acta Neuropathologica, 2000, 100, 111-114.	3.9	223
78	Astrocytes Regulate Microglial Phagocytosis of Senile Plaque Cores of Alzheimer's Disease. Experimental Neurology, 1998, 149, 329-340.	2.0	221
79	The upâ€regulation of BACE1 mediated by hypoxia and ischemic injury: role of oxidative stress and HIF1Î±. Journal of Neurochemistry, 2009, 108, 1045-1056.	2.1	217
80	Paired helical filaments from Alzheimer disease patients contain cytoskeletal components.. Proceedings of the National Academy of Sciences of the United States of America, 1985, 82, 3916-3920.	3.3	216
81	Redox metals and neu rodegenerative disease. Current Opinion in Chemical Biology, 1999, 3, 220-225.	2.8	211
82	Carbonylâ€Related Posttranslational Modification of Neurofilament Protein in the Neurofibrillary Pathology of Alzheimer's Disease. Journal of Neurochemistry, 1995, 64, 2660-2666.	2.1	211
83	Phosphorylation of tau protein at sites <scp>Ser</scp>^{396â€“404} is one of the earliest events in <scp>A</scp>lzheimer's disease and <scp>D</scp>own syndrome. Neuropathology and Applied Neurobiology, 2014, 40, 121-135.	1.8	207
84	Identification of Ubiquilin, a Novel Presenilin Interactor That Increases Presenilin Protein Accumulation. Journal of Cell Biology, 2000, 151, 847-862.	2.3	205
85	Variably proteaseâ€sensitive prionopathy: A new sporadic disease of the prion protein. Annals of Neurology, 2010, 68, 162-172.	2.8	203
86	Induction of Heme Oxygenaseâ€1 mRNA and Protein in Neocortex and Cerebral Vessels in Alzheimer's Disease. Journal of Neurochemistry, 1995, 65, 1399-1402.	2.1	199
87	Ubiquitin is associated with abnormal cytoplasmic filaments characteristic of neurodegenerative diseases.. Proceedings of the National Academy of Sciences of the United States of America, 1988, 85, 4501-4505.	3.3	196
88	Insulin-resistant brain state: The culprit in sporadic Alzheimer's disease?. Ageing Research Reviews, 2011, 10, 264-273.	5.0	195
89	Active glycation in neurofibrillary pathology of Alzheimer disease: NÎµ-(Carboxymethyl) lysine and hexitol-lysine. Free Radical Biology and Medicine, 2001, 31, 175-180.	1.3	194
90	Amyloid-Î² and Ï„ serve antioxidant functions in the aging and Alzheimer brain. Free Radical Biology and Medicine, 2002, 33, 1194-1199.	1.3	194

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91	Revisiting protein aggregation as pathogenic in sporadic Parkinson and Alzheimer diseases. Neurology, 2019, 92, 329-337.	1.5	194
92	Cognitive impairment in multiple system atrophy: A position statement by the neuropsychology task force of the MDS multiple system atrophy (MODIMSA) study group. Movement Disorders, 2014, 29, 857-867.	2.2	193
93	Neuroprotective and Antioxidant Effect of Ginkgo biloba Extract Against AD and Other Neurological Disorders. Neurotherapeutics, 2019, 16, 666-674.	2.1	191
94	Copernicus revisited: amyloid beta in Alzheimer's disease. Neurobiology of Aging, 2001, 22, 131-146.	1.5	190
95	In Alzheimer's Disease, Heme Oxygenase Is Coincident with Alz50, an Epitope of Ï„ Induced by 4-Hydroxy-2-Nonenal Modification. Journal of Neurochemistry, 2002, 75, 1234-1241.	2.1	189
96	Nucleic acid oxidation in Alzheimer disease. Free Radical Biology and Medicine, 2008, 44, 1493-1505.	1.3	188
97	Phosphorylation of Neurofilaments Is Altered in Amyotrophic Lateral Sclerosis. Journal of Neuropathology and Experimental Neurology, 1988, 47, 642-653.	0.9	186
98	Degeneration of vascular muscle cells in cerebral amyloid angiopathy of Alzheimer disease. Brain Research, 1993, 623, 142-146.	1.1	186
99	Reactive Oxygen Species Mediate Cellular Damage in Alzheimer Disease. Journal of Alzheimer's Disease, 1998, 1, 45-55.	1.2	185
100	Oxidative Stress and Redox-Active Iron in Alzheimer's Disease. Annals of the New York Academy of Sciences, 2004, 1012, 179-182.	1.8	179
101	The mosaic of brain glial hyperactivity during normal ageing and its attenuation by food restriction. Neuroscience, 1999, 89, 687-699.	1.1	177
102	From Aging to Alzheimer's Disease: Unveiling â€œThe Switchâ€•with the Senescence-Accelerated Mouse Model (SAMP8). Journal of Alzheimer's Disease, 2008, 15, 615-624.	1.2	177
103	Lipoic Acid and N-acetyl Cysteine Decrease Mitochondrial-Related Oxidative Stress in Alzheimer Disease Patient Fibroblasts. Journal of Alzheimer's Disease, 2007, 12, 195-206.	1.2	176
104	Three Histidine Residues of Amyloid-Î² Peptide Control the Redox Activity of Copper and Iron. Biochemistry, 2007, 46, 12737-12743.	1.2	175
105	Abnormal localization of iron regulatory protein in Alzheimer's disease. Brain Research, 1998, 788, 232-236.	1.1	173
106	Meta-analysis of Telomere Length in Alzheimerâ€™s Disease. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2016, 71, 1069-1073.	1.7	173
107	Oxidative Stress and Neurodegeneration. Annals of the New York Academy of Sciences, 2005, 1043, 545-552.	1.8	172
108	Nanoparticle iron chelators: A new therapeutic approach in Alzheimer disease and other neurologic disorders associated with trace metal imbalance. Neuroscience Letters, 2006, 406, 189-193.	1.0	172

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109	Overexpression of Heme Oxygenase in Neuronal Cells, the Possible Interaction with Tau. Journal of Biological Chemistry, 2000, 275, 5395-5399.	1.6	171
110	Challenging the Amyloid Cascade Hypothesis: Senile Plaques and Amyloid-Î² as Protective Adaptations to Alzheimer Disease. Annals of the New York Academy of Sciences, 2004, 1019, 1-4.	1.8	169
111	Iron: The Redox-active Center of Oxidative Stress in Alzheimer Disease. Neurochemical Research, 2007, 32, 1640-1645.	1.6	169
112	Mitochondrial abnormalities and oxidative imbalance in Alzheimer disease. Journal of Alzheimer's Disease, 2006, 9, 147-153.	1.2	167
113	Abnormal Mitochondrial Dynamics in the Pathogenesis of Alzheimer's Disease. Journal of Alzheimer's Disease, 2012, 33, S253-S262.	1.2	166
114	Luteinizing hormone modulates cognition and amyloid-Î² deposition in Alzheimer APP transgenic mice. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2006, 1762, 447-452.	1.8	165
115	Hydroxynonenal adducts indicate a role for lipid peroxidation in neocortical and brainstem Lewy bodies in humans. Neuroscience Letters, 2002, 319, 25-28.	1.0	164
116	Vascular oxidative stress in Alzheimer disease. Journal of the Neurological Sciences, 2007, 257, 240-246.	0.3	164
117	Chondroitin Sulfate Proteoglycans Are Associated with the Lesions of Alzheimer's Disease. Experimental Neurology, 1993, 121, 149-152.	2.0	163
118	Increased levels of oxidative stress markers detected in the brains of mice devoid of prion protein. Journal of Neurochemistry, 2001, 76, 565-572.	2.1	163
119	Oxidative Damage to RNA in Aging and Neurodegenerative Disorders. Neurotoxicity Research, 2012, 22, 231-248.	1.3	162
120	Vascular Oxidative Stress: Impact and Therapeutic Approaches. Frontiers in Physiology, 2018, 9, 1668.	1.3	158
121	Pathomechanisms of TDPâ€43 in neurodegeneration. Journal of Neurochemistry, 2018, 146, 7-20.	2.1	157
122	Ectopic localization of phosphorylated histone H3 in Alzheimer's disease: a mitotic catastrophe?. Acta Neuropathologica, 2003, 105, 524-528.	3.9	155
123	Luteinizing Hormone, a Reproductive Regulator That Modulates the Processing of Amyloid-Î² Precursor Protein and Amyloid-Î² Deposition. Journal of Biological Chemistry, 2004, 279, 20539-20545.	1.6	154
124	Tau â€“ an inhibitor of deacetylase HDAC6 function. Journal of Neurochemistry, 2009, 109, 1756-1766.	2.1	153
125	The glucose transporter of the human brain and blood-brain barrier. Annals of Neurology, 1988, 24, 757-764.	2.8	150
126	Alzheimer Disease Pathology As a Host Response. Journal of Neuropathology and Experimental Neurology, 2008, 67, 523-531.	0.9	150

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127	4-Oxo-2-nonenal Is Both More Neurotoxic and More Protein Reactive than 4-Hydroxy-2-nonenal. Chemical Research in Toxicology, 2005, 18, 1219-1231.	1.7	147
128	Oxidative Stress Is an Early Event in Hydrostatic Pressureâ€“Induced Retinal Ganglion Cell Damage. , 2007, 48, 4580.		147
129	Increased Autophagic Degradation of Mitochondria in Alzheimer Disease. Autophagy, 2007, 3, 614-615.	4.3	147
130	Abortive apoptosis in Alzheimer's disease. Acta Neuropathologica, 2001, 101, 305-310.	3.9	146
131	The Role of Oxidative Stress in the Pathophysiology of Cerebrovascular Lesions in Alzheimer's Disease. Brain Pathology, 2002, 12, 21-35.	2.1	146
132	Metabolic, Metallic, and Mitotic Sources of Oxidative Stress in Alzheimer Disease. Antioxidants and Redox Signaling, 2000, 2, 413-420.	2.5	145
133	Amyloid-Î² in Alzheimer Disease: The Null versus the Alternate Hypotheses. Journal of Pharmacology and Experimental Therapeutics, 2007, 321, 823-829.	1.3	144
134	The Vascular Impairment of Cognition Classification Consensus Study. Alzheimer's and Dementia, 2017, 13, 624-633.	0.4	143
135	Nanoparticle and other metal chelation therapeutics in Alzheimer disease. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2005, 1741, 246-252.	1.8	142
136	Neuronal RNA oxidation is a prominent feature of familial Alzheimer's disease. Neurobiology of Disease, 2004, 17, 108-113.	2.1	141
137	Activation of MKK6, an upstream activator of p38, in Alzheimer's disease. Journal of Neurochemistry, 2008, 79, 311-318.	2.1	141
138	A Synergistic Dysfunction of Mitochondrial Fission/Fusion Dynamics and Mitophagy in Alzheimer's Disease. Journal of Alzheimer's Disease, 2010, 20, S401-S412.	1.2	141
139	Chronic oxidative stress causes increased tau phosphorylation in M17 neuroblastoma cells. Neuroscience Letters, 2010, 468, 267-271.	1.0	141
140	Extracellular neurofibrillary tangles reflect neuronal loss and provide further evidence of extensive protein cross-linking in Alzheimer disease. Acta Neuropathologica, 1995, 89, 291-295.	3.9	139
141	Current approaches in the treatment of Alzheimer's disease. Biomedicine and Pharmacotherapy, 2008, 62, 199-207.	2.5	139
142	Reexamining Alzheimer's Disease: Evidence for a Protective Role for Amyloid-Î² Protein Precursor and Amyloid-Î². Journal of Alzheimer's Disease, 2009, 18, 447-452.	1.2	139
143	Autophagocytosis of Mitochondria Is Prominent in Alzheimer Disease. Journal of Neuropathology and Experimental Neurology, 2007, 66, 525-532.	0.9	138
144	Nanoparticleâ€“chelator conjugates as inhibitors of amyloid-Î² aggregation and neurotoxicity: A novel therapeutic approach for Alzheimer disease. Neuroscience Letters, 2009, 455, 187-190.	1.0	138

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145	Mitochondrial DNA Oxidative Damage and Repair in Aging and Alzheimer's Disease. Antioxidants and Redox Signaling, 2013, 18, 2444-2457.	2.5	138
146	Paramyosin and actin in schistosomal teguments. Nature, 1988, 333, 76-78.	13.7	137
147	Three-Dimensional Tomographic Imaging and Characterization of Iron Compounds within Alzheimer's Plaque Core Material. Journal of Alzheimer's Disease, 2008, 14, 235-245.	1.2	136
148	Alzheimer Disease and the Role of Free Radicals in the Pathogenesis of the Disease. CNS and Neurological Disorders - Drug Targets, 2008, 7, 3-10.	0.8	136
149	Neurofilament proteins in neurodegenerative diseases. Cellular and Molecular Life Sciences, 2004, 61, 3057-3075.	2.4	135
150	Prefrontal white matter pathology in air pollution exposed Mexico City young urbanites and their potential impact on neurovascular unit dysfunction and the development of Alzheimer's disease. Environmental Research, 2016, 146, 404-417.	3.7	135
151	Role of vascular hypoperfusion-induced oxidative stress and mitochondria failure in the pathogenesis of Alzheimer disease. Neurotoxicity Research, 2003, 5, 491-504.	1.3	134
152	Advanced Maillard Reaction End Products, Free Radicals, and Protein Oxidation in Alzheimer's Disease^a. Annals of the New York Academy of Sciences, 1994, 738, 447-454.	1.8	134
153	RNA oxidation in Alzheimer disease and related neurodegenerative disorders. Acta Neuropathologica, 2009, 118, 151-166.	3.9	134
154	PARK2 enhancement is able to compensate mitophagy alterations found in sporadic Alzheimer's disease. Human Molecular Genetics, 2016, 25, 792-806.	1.4	134
155	Senile plaque composition and posttranslational modification of amyloid-Î² peptide and associated proteins. Peptides, 2002, 23, 1343-1350.	1.2	133
156	Evidence of DNA damage in Alzheimer disease: phosphorylation of histone H2AX in astrocytes. Age, 2008, 30, 209-215.	3.0	133
157	Î²-Amyloid of Alzheimer's Disease Induces Reactive Gliosis That Inhibits Axonal Outgrowth. Experimental Neurology, 1993, 124, 289-298.	2.0	132
158	Hibernation, a Model of Neuroprotection. American Journal of Pathology, 2001, 158, 2145-2151.	1.9	131
159	Antioxidant Therapy in Alzheimers Disease: Theory and Practice. Mini-Reviews in Medicinal Chemistry, 2008, 8, 1395-1406.	1.1	129
160	Iron: A Pathological Mediator of Alzheimer Disease?. Developmental Neuroscience, 2002, 24, 184-187.	1.0	127
161	Neuropathology of Alzheimer disease: pathognomonic but not pathogenic. Acta Neuropathologica, 2006, 111, 503-509.	3.9	127
162	Hirano Body Filaments Contain Actin and Actin-Associated Proteins. Journal of Neuropathology and Experimental Neurology, 1987, 46, 185-199.	0.9	126

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163	Oxidative Imbalance in Alzheimer's Disease. Molecular Neurobiology, 2005, 31, 205-218.	1.9	126
164	Overview of Alzheimerâ€™s Disease and Some Therapeutic Approaches Targeting AÎ²by Using Several Synthetic and Herbal Compounds. Oxidative Medicine and Cellular Longevity, 2016, 2016, 1-22.	1.9	126
165	Barrier properties of testis microvessels. Proceedings of the National Academy of Sciences of the United States of America, 1993, 90, 11069-11073.	3.3	125
166	Cell cycle re-entry mediated neurodegeneration and its treatment role in the pathogenesis of Alzheimer's disease. Neurochemistry International, 2009, 54, 84-88.	1.9	125
167	Insulin is a Two-Edged Knife on the Brain. Journal of Alzheimer's Disease, 2009, 18, 483-507.	1.2	124
168	AGEs/RAGE complex upregulates BACE1 via NF-ÎºB pathway activation. Neurobiology of Aging, 2012, 33, 196.e13-196.e27.	1.5	123
169	Inhibition of mitochondrial fragmentation protects against Alzheimerâ€™s disease in rodent model. Human Molecular Genetics, 2017, 26, 4118-4131.	1.4	123
170	High Molecular Weight Neurofilament Proteins Are Physiological Substrates of Adduction by the Lipid Peroxidation Product Hydroxynonenal. Journal of Biological Chemistry, 2002, 277, 4644-4648.	1.6	122
171	Elevated luteinizing hormone expression colocalizes with neurons vulnerable to Alzheimer's disease pathology. Journal of Neuroscience Research, 2002, 70, 514-518.	1.3	122
172	Revolution of Alzheimer Precision Neurology. Passageway of Systems Biology and Neurophysiology. Journal of Alzheimer's Disease, 2018, 64, S47-S105.	1.2	122
173	Plasma amyloid Î² 40/42 ratio predicts cerebral amyloidosis in cognitively normal individuals at risk for Alzheimer's disease. Alzheimer's and Dementia, 2019, 15, 764-775.	0.4	122
174	Î±1-Antitrypsin and Î±1-antichymotrypsin are in the lesions of AlzheimerÊ¼s disease. NeuroReport, 1992, 3, 201-203.	0.6	121
175	Effect of the lipid peroxidation product acrolein on tau phosphorylation in neural cells. Journal of Neuroscience Research, 2003, 71, 863-870.	1.3	121
176	Advances in Alzheimerâ€™s Diagnosis and Therapy: The Implications of Nanotechnology. Trends in Biotechnology, 2017, 35, 937-953.	4.9	121
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