

# George Perry

## List of Publications by Citations

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832  
papers

64,402  
citations

127  
h-index

224  
g-index

1,120  
ext. papers

70,235  
ext. citations

5.7  
avg, IF

7.53  
L-index

#	Paper	IF	Citations
832	Guidelines for the use and interpretation of assays for monitoring autophagy. <i>Autophagy</i> , <b>2012</b> , 8, 445-544.	14.2	2783
831	Guidelines for the use and interpretation of assays for monitoring autophagy in higher eukaryotes. <i>Autophagy</i> , <b>2008</b> , 4, 151-75	10.2	1920
830	Oxidative damage is the earliest event in Alzheimer disease. <i>Journal of Neuropathology and Experimental Neurology</i> , <b>2001</b> , 60, 759-67	3.1	1363
829	Widespread peroxynitrite-mediated damage in Alzheimer's disease. <i>Journal of Neuroscience</i> , <b>1997</b> , 17, 2653-7	6.6	1122
828	Iron accumulation in Alzheimer disease is a source of redox-generated free radicals. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>1997</b> , 94, 9866-8	11.5	1109
827	Mitochondrial abnormalities in Alzheimer's disease. <i>Journal of Neuroscience</i> , <b>2001</b> , 21, 3017-23	6.6	962
826	Oxidative damage in Alzheimer's. <i>Nature</i> , <b>1996</b> , 382, 120-1	50.4	818
825	Impaired balance of mitochondrial fission and fusion in Alzheimer's disease. <i>Journal of Neuroscience</i> , <b>2009</b> , 29, 9090-103	6.6	816
824	4-Hydroxynonenal-derived advanced lipid peroxidation end products are increased in Alzheimer's disease. <i>Journal of Neurochemistry</i> , <b>1997</b> , 68, 2092-7	6	743
823	Diabetes-associated sustained activation of the transcription factor nuclear factor-kappaB. <i>Diabetes</i> , <b>2001</b> , 50, 2792-808	0.9	693
822	Oxidative stress and mitochondrial dysfunction in Alzheimer's disease. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , <b>2014</b> , 1842, 1240-7	6.9	690
821	Advanced Maillard reaction end products are associated with Alzheimer disease pathology. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>1994</b> , 91, 5710-4	11.5	677
820	RNA oxidation is a prominent feature of vulnerable neurons in Alzheimer's disease. <i>Journal of Neuroscience</i> , <b>1999</b> , 19, 1959-64	6.6	624
819	Oxidative stress and neurotoxicity. <i>Chemical Research in Toxicology</i> , <b>2008</b> , 21, 172-88	4	605
818	Ubiquitin is detected in neurofibrillary tangles and senile plaque neurites of Alzheimer disease brains. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>1987</b> , 84, 3033-6	11.5	536
817	Glycated tau protein in Alzheimer disease: a mechanism for induction of oxidant stress. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>1994</b> , 91, 7787-91	11.5	526
816	Chemistry and biochemistry of oxidative stress in neurodegenerative disease. <i>Current Medicinal Chemistry</i> , <b>2001</b> , 8, 721-38	4.3	525

815	Oxidative stress in Alzheimer's disease. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , <b>2000</b> , 1502, 139-44	6.9	514
814	Parkinson's disease is associated with oxidative damage to cytoplasmic DNA and RNA in substantia nigra neurons. <i>American Journal of Pathology</i> , <b>1999</b> , 154, 1423-9	5.8	499
813	Metal binding and oxidation of amyloid-beta within isolated senile plaque cores: Raman microscopic evidence. <i>Biochemistry</i> , <b>2003</b> , 42, 2768-73	3.2	495
812	Mitochondrial dysfunction is a trigger of Alzheimer's disease pathophysiology. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , <b>2010</b> , 1802, 2-10	6.9	459
811	Amyloid-beta deposition in Alzheimer transgenic mice is associated with oxidative stress. <i>Journal of Neurochemistry</i> , <b>1998</b> , 70, 2212-5	6	417
810	Radical AGEing in Alzheimer's disease. <i>Trends in Neurosciences</i> , <b>1995</b> , 18, 172-6	13.3	415
809	In situ oxidative catalysis by neurofibrillary tangles and senile plaques in Alzheimer's disease: a central role for bound transition metals. <i>Journal of Neurochemistry</i> , <b>2000</b> , 74, 270-9	6	395
808	Involvement of oxidative stress in Alzheimer disease. <i>Journal of Neuropathology and Experimental Neurology</i> , <b>2006</b> , 65, 631-41	3.1	392
807	Non-enzymatically glycosylated tau in Alzheimer's disease induces neuronal oxidant stress resulting in cytokine gene expression and release of amyloid beta-peptide. <i>Nature Medicine</i> , <b>1995</b> , 1, 693-9	50.5	372
806	Activation and redistribution of c-jun N-terminal kinase/stress activated protein kinase in degenerating neurons in Alzheimer's disease. <i>Journal of Neurochemistry</i> , <b>2001</b> , 76, 435-41	6	368
805	Oxidative stress in Alzheimer disease: a possibility for prevention. <i>Neuropharmacology</i> , <b>2010</b> , 59, 290-4	5.5	366
804	Alzheimer's disease: the two-hit hypothesis. <i>Lancet Neurology</i> , <b>2004</b> , 3, 219-26	24.1	354
803	Oxidative stress signalling in Alzheimer's disease. <i>Brain Research</i> , <b>2004</b> , 1000, 32-9	3.7	337
802	Alzheimer Disease and Oxidative Stress. <i>Journal of Biomedicine and Biotechnology</i> , <b>2002</b> , 2, 120-123		322
801	Oxidative stress increases expression and activity of BACE in NT2 neurons. <i>Neurobiology of Disease</i> , <b>2002</b> , 10, 279-88	7.5	322
800	Microbes and Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , <b>2016</b> , 51, 979-84	4.3	320
799	Impaired mitochondrial biogenesis contributes to mitochondrial dysfunction in Alzheimer's disease. <i>Journal of Neurochemistry</i> , <b>2012</b> , 120, 419-29	6	318
798	Copper mediates dityrosine cross-linking of Alzheimer's amyloid-beta. <i>Biochemistry</i> , <b>2004</b> , 43, 560-8	3.2	317

797	Redox-active iron mediates amyloid-beta toxicity. <i>Free Radical Biology and Medicine</i> , <b>2001</b> , 30, 447-50	7.8	310
796	Evidence that the beta-amyloid plaques of Alzheimer's disease represent the redox-silencing and entombment of abeta by zinc. <i>Journal of Biological Chemistry</i> , <b>2000</b> , 275, 19439-42	5.4	309
795	LRRK2 regulates mitochondrial dynamics and function through direct interaction with DLP1. <i>Human Molecular Genetics</i> , <b>2012</b> , 21, 1931-44	5.6	306
794	The role of mitogen-activated protein kinase pathways in Alzheimer's disease. <i>NeuroSignals</i> , <b>2002</b> , 11, 270-81	1.9	291
793	Increased iron and free radical generation in preclinical Alzheimer disease and mild cognitive impairment. <i>Journal of Alzheimer's Disease</i> , <b>2010</b> , 19, 363-72	4.3	288
792	Causes of oxidative stress in Alzheimer disease. <i>Cellular and Molecular Life Sciences</i> , <b>2007</b> , 64, 2202-10	10.3	282
791	Role of mitochondrial dysfunction in Alzheimer's disease. <i>Journal of Neuroscience Research</i> , <b>2002</b> , 70, 357-60	4.4	280
790	Beta-site APP cleaving enzyme up-regulation induced by 4-hydroxynonenal is mediated by stress-activated protein kinases pathways. <i>Journal of Neurochemistry</i> , <b>2005</b> , 92, 628-36	6	275
789	Activation of p38 kinase links tau phosphorylation, oxidative stress, and cell cycle-related events in Alzheimer disease. <i>Journal of Neuropathology and Experimental Neurology</i> , <b>2000</b> , 59, 880-8	3.1	270
788	Differential activation of neuronal ERK, JNK/SAPK and p38 in Alzheimer disease: the 'two hit' hypothesis. <i>Mechanisms of Ageing and Development</i> , <b>2001</b> , 123, 39-46	5.6	267
787	Glycoxidation and oxidative stress in Parkinson disease and diffuse Lewy body disease. <i>Brain Research</i> , <b>1996</b> , 737, 195-200	3.7	262
786	Microglial activation and amyloid-beta clearance induced by exogenous heat-shock proteins. <i>FASEB Journal</i> , <b>2002</b> , 16, 601-3	0.9	261
785	Neuronal oxidative stress precedes amyloid-beta deposition in Down syndrome. <i>Journal of Neuropathology and Experimental Neurology</i> , <b>2000</b> , 59, 1011-7	3.1	255
784	Activation of neuronal extracellular receptor kinase (ERK) in Alzheimer disease links oxidative stress to abnormal phosphorylation. <i>NeuroReport</i> , <b>1999</b> , 10, 2411-5	1.7	255
783	Melatonin increases survival and inhibits oxidative and amyloid pathology in a transgenic model of Alzheimer's disease. <i>Journal of Neurochemistry</i> , <b>2003</b> , 85, 1101-8	6	254
782	Microtubule reduction in Alzheimer's disease and aging is independent of tau filament formation. <i>American Journal of Pathology</i> , <b>2003</b> , 162, 1623-7	5.8	252
781	Activation of NADPH oxidase in Alzheimer's disease brains. <i>Biochemical and Biophysical Research Communications</i> , <b>2000</b> , 273, 5-9	3.4	244
780	Amyloid-beta: a chameleon walking in two worlds: a review of the trophic and toxic properties of amyloid-beta. <i>Brain Research Reviews</i> , <b>2003</b> , 43, 1-16		233

779	Oxidative stress activates a positive feedback between the gamma- and beta-secretase cleavages of the beta-amyloid precursor protein. <i>Journal of Neurochemistry</i> , <b>2008</b> , 104, 683-95	6	230
778	Systemic increase of oxidative nucleic acid damage in Parkinson's disease and multiple system atrophy. <i>Neurobiology of Disease</i> , <b>2002</b> , 9, 244-8	7.5	230
777	Role of metal dyshomeostasis in Alzheimer's disease. <i>Metallomics</i> , <b>2011</b> , 3, 267-70	4.5	227
776	Is oxidative damage the fundamental pathogenic mechanism of Alzheimer's and other neurodegenerative diseases?. <i>Free Radical Biology and Medicine</i> , <b>2002</b> , 33, 1475-9	7.8	222
775	Ribosomal RNA in Alzheimer disease is oxidized by bound redox-active iron. <i>Journal of Biological Chemistry</i> , <b>2005</b> , 280, 20978-86	5.4	219
774	Cytochemical demonstration of oxidative damage in Alzheimer disease by immunochemical enhancement of the carbonyl reaction with 2,4-dinitrophenylhydrazine. <i>Journal of Histochemistry and Cytochemistry</i> , <b>1998</b> , 46, 731-5	3.4	217
773	Alteration of proteins regulating apoptosis, Bcl-2, Bcl-x, Bax, Bak, Bad, ICH-1 and CPP32, in Alzheimer's disease. <i>Brain Research</i> , <b>1998</b> , 780, 260-9	3.7	216
772	Oxidative stress in blood in Alzheimer's disease and mild cognitive impairment: a meta-analysis. <i>Neurobiology of Disease</i> , <b>2013</b> , 59, 100-10	7.5	212
771	Alzheimer's disease--synergistic effects of glucose deficit, oxidative stress and advanced glycation endproducts. <i>Journal of Neural Transmission</i> , <b>1998</b> , 105, 439-61	4.3	212
770	How important is oxidative damage? Lessons from Alzheimer's disease. <i>Free Radical Biology and Medicine</i> , <b>2000</b> , 28, 831-4	7.8	210
769	Mitochondria: a therapeutic target in neurodegeneration. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , <b>2010</b> , 1802, 212-20	6.9	209
768	The role of abnormal mitochondrial dynamics in the pathogenesis of Alzheimer's disease. <i>Journal of Neurochemistry</i> , <b>2009</b> , 109 Suppl 1, 153-9	6	206
767	Alzheimer disease, the two-hit hypothesis: an update. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , <b>2007</b> , 1772, 494-502	6.9	201
766	Senile plaque neurites in Alzheimer disease accumulate amyloid precursor protein. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>1991</b> , 88, 7552-6	11.5	201
765	Oxidative stress in diabetes and Alzheimer's disease. <i>Journal of Alzheimer's Disease</i> , <b>2009</b> , 16, 763-74	4.3	197
764	Redox metals and neurodegenerative disease. <i>Current Opinion in Chemical Biology</i> , <b>1999</b> , 3, 220-5	9.7	196
763	Paired helical filaments from Alzheimer disease patients contain cytoskeletal components. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>1985</b> , 82, 3916-20	11.5	196
762	Abnormal mitochondrial dynamics and neurodegenerative diseases. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , <b>2010</b> , 1802, 135-42	6.9	194

761	Neuroinflammation, hyperphosphorylated tau, diffuse amyloid plaques, and down-regulation of the cellular prion protein in air pollution exposed children and young adults. <i>Journal of Alzheimer's Disease</i> , <b>2012</b> , 28, 93-107	4.3	193
760	Mitochondria dysfunction in the pathogenesis of Alzheimer's disease: recent advances. <i>Molecular Neurodegeneration</i> , <b>2020</b> , 15, 30	19	192
759	Sequestration of iron by Lewy bodies in Parkinson's disease. <i>Acta Neuropathologica</i> , <b>2000</b> , 100, 111-4	14.3	192
758	Oxidative stress signaling in Alzheimer's disease. <i>Current Alzheimer Research</i> , <b>2008</b> , 5, 525-32	3	189
757	Identification of ubiquilin, a novel presenilin interactor that increases presenilin protein accumulation. <i>Journal of Cell Biology</i> , <b>2000</b> , 151, 847-62	7.3	189
756	Astrocytes regulate microglial phagocytosis of senile plaque cores of Alzheimer's disease. <i>Experimental Neurology</i> , <b>1998</b> , 149, 329-40	5.7	188
755	The up-regulation of BACE1 mediated by hypoxia and ischemic injury: role of oxidative stress and HIF1alpha. <i>Journal of Neurochemistry</i> , <b>2009</b> , 108, 1045-56	6	186
754	Tau phosphorylation in Alzheimer's disease: pathogen or protector?. <i>Trends in Molecular Medicine</i> , <b>2005</b> , 11, 164-9	11.5	184
753	Ubiquitin is associated with abnormal cytoplasmic filaments characteristic of neurodegenerative diseases. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>1988</b> , 85, 4501-5	11.5	181
752	Degeneration of vascular muscle cells in cerebral amyloid angiopathy of Alzheimer disease. <i>Brain Research</i> , <b>1993</b> , 623, 142-6	3.7	178
751	Carbonyl-related posttranslational modification of neurofilament protein in the neurofibrillary pathology of Alzheimer's disease. <i>Journal of Neurochemistry</i> , <b>1995</b> , 64, 2660-6	6	174
750	Amyloid-beta and tau serve antioxidant functions in the aging and Alzheimer brain. <i>Free Radical Biology and Medicine</i> , <b>2002</b> , 33, 1194-9	7.8	169
749	Variably protease-sensitive prionopathy: a new sporadic disease of the prion protein. <i>Annals of Neurology</i> , <b>2010</b> , 68, 162-72	9.4	168
748	Induction of heme oxygenase-1 mRNA and protein in neocortex and cerebral vessels in Alzheimer's disease. <i>Journal of Neurochemistry</i> , <b>1995</b> , 65, 1399-402	6	166
747	Active glycation in neurofibrillary pathology of Alzheimer disease: N(epsilon)-(carboxymethyl) lysine and hexitol-lysine. <i>Free Radical Biology and Medicine</i> , <b>2001</b> , 31, 175-80	7.8	165
746	Magnitude and Kinetics of CD8+ T Cell Activation during Hyperacute HIV Infection Impact Viral Set Point. <i>Immunity</i> , <b>2015</b> , 43, 591-604	32.3	164
745	Copernicus revisited: amyloid beta in Alzheimer's disease. <i>Neurobiology of Aging</i> , <b>2001</b> , 22, 131-46	5.6	164
744	Nucleic acid oxidation in Alzheimer disease. <i>Free Radical Biology and Medicine</i> , <b>2008</b> , 44, 1493-505	7.8	163

743	Insulin-resistant brain state: the culprit in sporadic Alzheimer's disease?. <i>Ageing Research Reviews</i> , <b>2011</b> , 10, 264-73	12	161
742	Phosphorylation of neurofilaments is altered in amyotrophic lateral sclerosis. <i>Journal of Neuropathology and Experimental Neurology</i> , <b>1988</b> , 47, 642-53	3.1	161
741	Oxidative stress and redox-active iron in Alzheimer's disease. <i>Annals of the New York Academy of Sciences</i> , <b>2004</b> , 1012, 179-82	6.5	160
740	Reactive Oxygen Species Mediate Cellular Damage in Alzheimer Disease. <i>Journal of Alzheimer's Disease</i> , <b>1998</b> , 1, 45-55	4.3	157
739	Abnormal localization of iron regulatory protein in Alzheimer's disease. <i>Brain Research</i> , <b>1998</b> , 788, 232-63.7		156
738	The mosaic of brain glial hyperactivity during normal ageing and its attenuation by food restriction. <i>Neuroscience</i> , <b>1999</b> , 89, 687-99	3.9	156
737	Iron: the Redox-active center of oxidative stress in Alzheimer disease. <i>Neurochemical Research</i> , <b>2007</b> , 32, 1640-5	4.6	151
736	Challenging the amyloid cascade hypothesis: senile plaques and amyloid-beta as protective adaptations to Alzheimer disease. <i>Annals of the New York Academy of Sciences</i> , <b>2004</b> , 1019, 1-4	6.5	150
735	From aging to Alzheimer's disease: unveiling "the switch" with the senescence-accelerated mouse model (SAMP8). <i>Journal of Alzheimer's Disease</i> , <b>2008</b> , 15, 615-24	4.3	149
734	Cognitive impairment in multiple system atrophy: a position statement by the Neuropsychology Task Force of the MDS Multiple System Atrophy (MODIMS) study group. <i>Movement Disorders</i> , <b>2014</b> , 29, 857-67	7	148
733	Lipoic acid and N-acetyl cysteine decrease mitochondrial-related oxidative stress in Alzheimer disease patient fibroblasts. <i>Journal of Alzheimer's Disease</i> , <b>2007</b> , 12, 195-206	4.3	148
732	Three histidine residues of amyloid-beta peptide control the redox activity of copper and iron. <i>Biochemistry</i> , <b>2007</b> , 46, 12737-43	3.2	146
731	In Alzheimer's disease, heme oxygenase is coincident with Alz50, an epitope of tau induced by 4-hydroxy-2-nonenal modification. <i>Journal of Neurochemistry</i> , <b>2000</b> , 75, 1234-41	6	145
730	Revisiting protein aggregation as pathogenic in sporadic Parkinson and Alzheimer diseases. <i>Neurology</i> , <b>2019</b> , 92, 329-337	6.5	144
729	Nanoparticle iron chelators: a new therapeutic approach in Alzheimer disease and other neurologic disorders associated with trace metal imbalance. <i>Neuroscience Letters</i> , <b>2006</b> , 406, 189-93	3.3	144
728	Tau--an inhibitor of deacetylase HDAC6 function. <i>Journal of Neurochemistry</i> , <b>2009</b> , 109, 1756-66	6	143
727	Phosphorylation of tau protein at sites Ser(396-404) is one of the earliest events in Alzheimer's disease and Down syndrome. <i>Neuropathology and Applied Neurobiology</i> , <b>2014</b> , 40, 121-35	5.2	142
726	Increased levels of oxidative stress markers detected in the brains of mice devoid of prion protein. <i>Journal of Neurochemistry</i> , <b>2001</b> , 76, 565-72	6	141



725	Hydroxynonenal adducts indicate a role for lipid peroxidation in neocortical and brainstem Lewy bodies in humans. <i>Neuroscience Letters</i> , <b>2002</b> , 319, 25-8	3.3	141
724	Vascular oxidative stress in Alzheimer disease. <i>Journal of the Neurological Sciences</i> , <b>2007</b> , 257, 240-6	3.2	140
723	Overexpression of heme oxygenase in neuronal cells, the possible interaction with Tau. <i>Journal of Biological Chemistry</i> , <b>2000</b> , 275, 5395-9	5.4	138
722	Luteinizing hormone modulates cognition and amyloid-beta deposition in Alzheimer APP transgenic mice. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , <b>2006</b> , 1762, 447-52	6.9	137
721	Progress toward standardized diagnosis of vascular cognitive impairment: Guidelines from the Vascular Impairment of Cognition Classification Consensus Study. <i>Alzheimer's and Dementia</i> , <b>2018</b> , 14, 280-292	1.2	136
720	4-Oxo-2-nonenal is both more neurotoxic and more protein reactive than 4-hydroxy-2-nonenal. <i>Chemical Research in Toxicology</i> , <b>2005</b> , 18, 1219-31	4	135
719	Ectopic localization of phosphorylated histone H3 in Alzheimer's disease: a mitotic catastrophe?. <i>Acta Neuropathologica</i> , <b>2003</b> , 105, 524-8	14.3	135
718	The glucose transporter of the human brain and blood-brain barrier. <i>Annals of Neurology</i> , <b>1988</b> , 24, 757-64	9.4	135
717	Mitochondrial abnormalities and oxidative imbalance in Alzheimer disease. <i>Journal of Alzheimer's Disease</i> , <b>2006</b> , 9, 147-53	4.3	134
716	Metabolic, metallic, and mitotic sources of oxidative stress in Alzheimer disease. <i>Antioxidants and Redox Signaling</i> , <b>2000</b> , 2, 413-20	8.4	134
715	Chondroitin sulfate proteoglycans are associated with the lesions of Alzheimer's disease. <i>Experimental Neurology</i> , <b>1993</b> , 121, 149-52	5.7	134
714	Abnormal mitochondrial dynamics in the pathogenesis of Alzheimer's disease. <i>Journal of Alzheimer's Disease</i> , <b>2013</b> , 33 Suppl 1, S253-62	4.3	132
713	Oxidative damage to RNA in aging and neurodegenerative disorders. <i>Neurotoxicity Research</i> , <b>2012</b> , 22, 231-48	4.3	131
712	Amyloid-beta in Alzheimer disease: the null versus the alternate hypotheses. <i>Journal of Pharmacology and Experimental Therapeutics</i> , <b>2007</b> , 321, 823-9	4.7	131
711	Luteinizing hormone, a reproductive regulator that modulates the processing of amyloid-beta precursor protein and amyloid-beta deposition. <i>Journal of Biological Chemistry</i> , <b>2004</b> , 279, 20539-45	5.4	131
710	Oxidative stress is an early event in hydrostatic pressure induced retinal ganglion cell damage. <i>Investigative Ophthalmology and Visual Science</i> , <b>2007</b> , 48, 4580-9		130
709	Alzheimer disease pathology as a host response. <i>Journal of Neuropathology and Experimental Neurology</i> , <b>2008</b> , 67, 523-31	3.1	129
708	Neuronal RNA oxidation is a prominent feature of familial Alzheimer's disease. <i>Neurobiology of Disease</i> , <b>2004</b> , 17, 108-13	7.5	129



707	Increased autophagic degradation of mitochondria in Alzheimer disease. <i>Autophagy</i> , <b>2007</b> , 3, 614-5	10.2	128
706	Meta-analysis of Telomere Length in Alzheimer's Disease. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , <b>2016</b> , 71, 1069-73	6.4	128
705	Extracellular neurofibrillary tangles reflect neuronal loss and provide further evidence of extensive protein cross-linking in Alzheimer disease. <i>Acta Neuropathologica</i> , <b>1995</b> , 89, 291-5	14.3	123
704	Paramyosin and actin in schistosomal teguments. <i>Nature</i> , <b>1988</b> , 333, 76-8	50.4	122
703	A synergistic dysfunction of mitochondrial fission/fusion dynamics and mitophagy in Alzheimer's disease. <i>Journal of Alzheimer's Disease</i> , <b>2010</b> , 20 Suppl 2, S401-12	4.3	121
702	Autophagocytosis of mitochondria is prominent in Alzheimer disease. <i>Journal of Neuropathology and Experimental Neurology</i> , <b>2007</b> , 66, 525-32	3.1	121
701	Neurofilament proteins in neurodegenerative diseases. <i>Cellular and Molecular Life Sciences</i> , <b>2004</b> , 61, 3057-75	10.3	121
700	Abortive apoptosis in Alzheimer's disease. <i>Acta Neuropathologica</i> , <b>2001</b> , 101, 305-10	14.3	121
699	RNA oxidation in Alzheimer disease and related neurodegenerative disorders. <i>Acta Neuropathologica</i> , <b>2009</b> , 118, 151-66	14.3	119
698	Alzheimer disease and the role of free radicals in the pathogenesis of the disease. <i>CNS and Neurological Disorders - Drug Targets</i> , <b>2008</b> , 7, 3-10	2.6	119
697	Current approaches in the treatment of Alzheimer's disease. <i>Biomedicine and Pharmacotherapy</i> , <b>2008</b> , 62, 199-207	7.5	118
696	The role of oxidative stress in the pathophysiology of cerebrovascular lesions in Alzheimer's disease. <i>Brain Pathology</i> , <b>2002</b> , 12, 21-35	6	118
695	Senile plaque composition and posttranslational modification of amyloid-beta peptide and associated proteins. <i>Peptides</i> , <b>2002</b> , 23, 1343-50	3.8	117
694	Nanoparticle-chelator conjugates as inhibitors of amyloid-beta aggregation and neurotoxicity: a novel therapeutic approach for Alzheimer disease. <i>Neuroscience Letters</i> , <b>2009</b> , 455, 187-90	3.3	115
693	Three-dimensional tomographic imaging and characterization of iron compounds within Alzheimer's plaque core material. <i>Journal of Alzheimer's Disease</i> , <b>2008</b> , 14, 235-45	4.3	115
692	Oxidative stress and neurodegeneration. <i>Annals of the New York Academy of Sciences</i> , <b>2005</b> , 1043, 545-58	5.5	115
691	Hibernation, a model of neuroprotection. <i>American Journal of Pathology</i> , <b>2001</b> , 158, 2145-51	5.8	114
690	Role of vascular hypoperfusion-induced oxidative stress and mitochondria failure in the pathogenesis of Alzheimer disease. <i>Neurotoxicity Research</i> , <b>2003</b> , 5, 491-504	4.3	113

689	beta-Amyloid of Alzheimer's disease induces reactive gliosis that inhibits axonal outgrowth. <i>Experimental Neurology</i> , <b>1993</b> , 124, 289-98	5.7	113
688	Reexamining Alzheimer's disease: evidence for a protective role for amyloid-beta protein precursor and amyloid-beta. <i>Journal of Alzheimer's Disease</i> , <b>2009</b> , 18, 447-52	4.3	111
687	Mitochondrial DNA oxidative damage and repair in aging and Alzheimer's disease. <i>Antioxidants and Redox Signaling</i> , <b>2013</b> , 18, 2444-57	8.4	109
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685	Activation of MKK6, an upstream activator of p38, in Alzheimer's disease. <i>Journal of Neurochemistry</i> , <b>2001</b> , 79, 311-8	6	109
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