

Xiongwei Zhu

List of Publications by Year in Descending Order

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

329
papers

28,374
citations

85
h-index

160
g-index

349
ext. papers

31,272
ext. citations

6
avg, IF

6.72
L-index

#	Paper	IF	Citations
329	Protective effects of phosphodiesterase 2 inhibitor against A β -induced neuronal toxicity.. <i>Neuropharmacology</i> , 2022 , 109128	5.5	
328	VPS35 D620N knockin mice recapitulate cardinal features of Parkinson's disease. <i>Aging Cell</i> , 2021 , 20, e13347	9.9	6
327	Streamlined alpha-synuclein RT-QuIC assay for various biospecimens in Parkinson's disease and dementia with Lewy bodies. <i>Acta Neuropathologica Communications</i> , 2021 , 9, 62	7.3	15
326	Biogenic metallic elements in the human brain?. <i>Science Advances</i> , 2021 , 7,	14.3	9
325	Oxidative Stress Signaling in Blast TBI-Induced Tau Phosphorylation. <i>Antioxidants</i> , 2021 , 10,	7.1	4
324	Mfn2 Overexpression Attenuates MPTP Neurotoxicity In Vivo. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	4
323	The role of Mfn2 in the structure and function of endoplasmic reticulum-mitochondrial tethering in vivo. <i>Journal of Cell Science</i> , 2021 , 134,	5.3	8
322	METTL3-dependent RNA m ^A dysregulation contributes to neurodegeneration in Alzheimer's disease through aberrant cell cycle events. <i>Molecular Neurodegeneration</i> , 2021 , 16, 70	19	15
321	Mitochondria dysfunction in the pathogenesis of Alzheimer's disease: recent advances. <i>Molecular Neurodegeneration</i> , 2020 , 15, 30	19	192
320	Vitamin C is a source of oxoaldehyde and glycative stress in age-related cataract and neurodegenerative diseases. <i>Aging Cell</i> , 2020 , 19, e13176	9.9	5
319	Mfn2 Ablation in the Adult Mouse Hippocampus and Cortex Causes Neuronal Death. <i>Cells</i> , 2020 , 9,	7.9	23
318	Isoform-specific roles of AMPK catalytic β subunits in Alzheimer's disease. <i>Journal of Clinical Investigation</i> , 2020 , 130, 3403-3405	15.9	3
317	Ethnicity-specific and overlapping alterations of brain hydroxymethylome in Alzheimer's disease. <i>Human Molecular Genetics</i> , 2020 , 29, 149-158	5.6	4
316	Ethanol-Fixed, Paraffin-Embedded Tissue Imaging: Implications for Alzheimer's Disease Research. <i>Journal of the American Society for Mass Spectrometry</i> , 2020 , 31, 2416-2420	3.5	1
315	Skin β -Synuclein Aggregation Seeding Activity as a Novel Biomarker for Parkinson Disease. <i>JAMA Neurology</i> , 2020 ,	17.2	52
314	Sequential formation of different layers of dystrophic neurites in Alzheimer's brains. <i>Molecular Psychiatry</i> , 2019 , 24, 1369-1382	15.1	17
313	Dynamin-like protein 1 cleavage by calpain in Alzheimer's disease. <i>Aging Cell</i> , 2019 , 18, e12912	9.9	11

312	DJ-1 regulates the integrity and function of ER-mitochondria association through interaction with IP3R3-Grp75-VDAC1. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019 , 116, 25322-25328	11.5	80
311	CXCL12 is involved in β synuclein-triggered neuroinflammation of Parkinson's disease. <i>Journal of Neuroinflammation</i> , 2019 , 16, 263	10.1	24
310	MicroRNA-26a/Death-Associated Protein Kinase β Signaling Induces Synucleinopathy and Dopaminergic Neuron Degeneration in Parkinson's Disease. <i>Biological Psychiatry</i> , 2019 , 85, 769-781	7.9	39
309	The sterol regulatory element-binding protein 2 is dysregulated by tau alterations in Alzheimer disease. <i>Brain Pathology</i> , 2019 , 29, 530-543	6	4
308	Conditional Haploinsufficiency of β Catenin Aggravates Neuronal Damage in a Paraquat-Based Mouse Model of Parkinson Disease. <i>Molecular Neurobiology</i> , 2019 , 56, 5157-5166	6.2	4
307	Insights into the Impact of a Membrane-Anchoring Moiety on the Biological Activities of Bivalent Compounds As Potential Neuroprotectants for Alzheimer's Disease. <i>Journal of Medicinal Chemistry</i> , 2018 , 61, 777-790	8.3	10
306	NLRP3 Inflammasome Inhibitor Ameliorates Amyloid Pathology in a Mouse Model of Alzheimer's Disease. <i>Molecular Neurobiology</i> , 2018 , 55, 1977-1987	6.2	107
305	Mfn2 ablation causes an oxidative stress response and eventual neuronal death in the hippocampus and cortex. <i>Molecular Neurodegeneration</i> , 2018 , 13, 5	19	43
304	Inhibition of phosphodiesterase 2 reverses gp91phox oxidase-mediated depression- and anxiety-like behavior. <i>Neuropharmacology</i> , 2018 , 143, 176-185	5.5	12
303	Mfn2 protects dopaminergic neurons exposed to paraquat both in vitro and in vivo: Implications for idiopathic Parkinson's disease. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2017 , 1863, 1359-1370	6.9	31
302	Endoplasmic reticulum-mitochondria tethering in neurodegenerative diseases. <i>Translational Neurodegeneration</i> , 2017 , 6, 21	10.3	60
301	Inhibition of mitochondrial fragmentation protects against Alzheimer's disease in rodent model. <i>Human Molecular Genetics</i> , 2017 , 26, 4118-4131	5.6	71
300	Parkinson's disease-associated pathogenic VPS35 mutation causes complex I deficits. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2017 , 1863, 2791-2795	6.9	27
299	Consequences of RNA oxidation on protein synthesis rate and fidelity: implications for the pathophysiology of neuropsychiatric disorders. <i>Biochemical Society Transactions</i> , 2017 , 45, 1053-1066	5.1	31
298	Modulation of Parkinson's Disease Associated Protein Rescues Alzheimer's Disease Degeneration. <i>Journal of Alzheimeris Disease</i> , 2017 , 55, 73-75	4.3	4
297	A conserved retromer sorting motif is essential for mitochondrial DLP1 recycling by VPS35 in Parkinson's disease model. <i>Human Molecular Genetics</i> , 2017 , 26, 781-789	5.6	29
296	The rs3756063 polymorphism is associated with SNCA methylation in the Chinese Han population. <i>Journal of the Neurological Sciences</i> , 2016 , 367, 11-4	3.2	13
295	Clinical and imaging characteristics of late onset mitochondrial membrane protein-associated neurodegeneration (MPAN). <i>Neurocase</i> , 2016 , 22, 476-483	0.8	12

294	Upregulation of Glutaredoxin-1 Activates Microglia and Promotes Neurodegeneration: Implications for Parkinson's Disease. <i>Antioxidants and Redox Signaling</i> , 2016 , 25, 967-982	8.4	23
293	Regulation of DJ-1 by Glutaredoxin 1 in Vivo: Implications for Parkinson's Disease. <i>Biochemistry</i> , 2016 , 55, 4519-32	3.2	22
292	Luteinizing hormone downregulation but not estrogen replacement improves ovariectomy-associated cognition and spine density loss independently of treatment onset timing. <i>Hormones and Behavior</i> , 2016 , 78, 60-6	3.7	21
291	Parkinson's disease-associated mutant VPS35 causes mitochondrial dysfunction by recycling DLP1 complexes. <i>Nature Medicine</i> , 2016 , 22, 54-63	50.5	210
290	Oxidative Stress and Neuropsychiatric Disorders in the Life Spectrum 2016 , 157-166		1
289	Individual Case Analysis of Postmortem Interval Time on Brain Tissue Preservation. <i>PLoS ONE</i> , 2016 , 11, e0151615	3.7	42
288	Genome-wide analysis of DNA methylation during antagonism of DMOG to MnCl ₂ -induced cytotoxicity in the mouse substantia nigra. <i>Scientific Reports</i> , 2016 , 6, 28933	4.9	13
287	Estrogen receptor- β s localized to neurofibrillary tangles in Alzheimer's disease. <i>Scientific Reports</i> , 2016 , 6, 20352	4.9	29
286	High-resolution analytical imaging and electron holography of magnetite particles in amyloid cores of Alzheimer's disease. <i>Scientific Reports</i> , 2016 , 6, 24873	4.9	79
285	Curcumin/melatonin hybrid 5-(4-hydroxy-phenyl)-3-oxo-pentanoic acid [2-(5-methoxy-1H-indol-3-yl)-ethyl]-amide ameliorates AD-like pathology in the APP/PS1 mouse model. <i>ACS Chemical Neuroscience</i> , 2015 , 6, 1393-1399	5.7	42
284	Glutaredoxin deficiency exacerbates neurodegeneration in C. elegans models of Parkinson's disease. <i>Human Molecular Genetics</i> , 2015 , 24, 1322-35	5.6	31
283	Posttranslational modifications of β tubulin in alzheimer disease. <i>Translational Neurodegeneration</i> , 2015 , 4, 9	10.3	60
282	New Perspectives on Alzheimer's Disease and Nutrition. <i>Journal of Alzheimeris Disease</i> , 2015 , 46, 1111-27	4.3	47
281	Mitochondrial dynamic abnormalities in amyotrophic lateral sclerosis. <i>Translational Neurodegeneration</i> , 2015 , 4, 14	10.3	35
280	Miro1 deficiency in amyotrophic lateral sclerosis. <i>Frontiers in Aging Neuroscience</i> , 2015 , 7, 100	5.3	44
279	Prion Protein Protects against Renal Ischemia/Reperfusion Injury. <i>PLoS ONE</i> , 2015 , 10, e0136923	3.7	12
278	Oxidative Damage is Correlated with Mitochondrial Autophagy. <i>FASEB Journal</i> , 2015 , 29, 613.1	0.9	
277	Oxidative stress and mitochondrial dysfunction in Alzheimer's disease. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2014 , 1842, 1240-7	6.9	690

276	Ionizing radiation causes increased tau phosphorylation in primary neurons. <i>Journal of Neurochemistry</i> , 2014 , 131, 86-93	6	13
275	Neuronal failure in Alzheimer's disease: a view through the oxidative stress looking-glass. <i>Neuroscience Bulletin</i> , 2014 , 30, 243-52	4.3	78
274	The neuroprotective effect of human uncoupling protein 2 (hUCP2) requires cAMP-dependent protein kinase in a toxin model of Parkinson's disease. <i>Neurobiology of Disease</i> , 2014 , 69, 180-91	7.5	22
273	Down-regulation of serum gonadotropins but not estrogen replacement improves cognition in aged-ovariectomized 3xTg AD female mice. <i>Journal of Neurochemistry</i> , 2014 , 130, 115-25	6	33
272	Dysregulation of leptin signaling in Alzheimer disease: evidence for neuronal leptin resistance. <i>Journal of Neurochemistry</i> , 2014 , 128, 162-72	6	79
271	The suppression of ghrelin signaling mitigates age-associated thermogenic impairment. <i>Aging</i> , 2014 , 6, 1019-32	5.6	40
270	Antimicrobial peptide α -defensin-1 expression is upregulated in Alzheimer's brain. <i>Journal of Neuroinflammation</i> , 2013 , 10, 127	10.1	31
269	Mitochondrial defects and oxidative stress in Alzheimer disease and Parkinson disease. <i>Free Radical Biology and Medicine</i> , 2013 , 62, 90-101	7.8	435
268	Mitochondrial DNA oxidative damage and repair in aging and Alzheimer's disease. <i>Antioxidants and Redox Signaling</i> , 2013 , 18, 2444-57	8.4	109
267	Abnormal mitochondrial dynamics in the pathogenesis of Alzheimer's disease. <i>Journal of Alzheimer's Disease</i> , 2013 , 33 Suppl 1, S253-62	4.3	132
266	Phosphorylation of tau protein as the link between oxidative stress, mitochondrial dysfunction, and connectivity failure: implications for Alzheimer's disease. <i>Oxidative Medicine and Cellular Longevity</i> , 2013 , 2013, 940603	6.7	82
265	Kinase inhibitors arrest neurodegeneration in cell and <i>C. elegans</i> models of LRRK2 toxicity. <i>Human Molecular Genetics</i> , 2013 , 22, 328-44	5.6	62
264	A low-molecular-weight ferroxidase is increased in the CSF of sCJD cases: CSF ferroxidase and transferrin as diagnostic biomarkers for sCJD. <i>Antioxidants and Redox Signaling</i> , 2013 , 19, 1662-75	8.4	18
263	Parkinson's disease-associated DJ-1 mutations impair mitochondrial dynamics and cause mitochondrial dysfunction. <i>Journal of Neurochemistry</i> , 2012 , 121, 830-9	6	152
262	Activation of the extracellular signal-regulated kinase pathway contributes to the behavioral deficit of fragile x-syndrome. <i>Journal of Neurochemistry</i> , 2012 , 121, 672-9	6	62
261	Guidelines for the use and interpretation of assays for monitoring autophagy. <i>Autophagy</i> , 2012 , 8, 445-544.2	4.2	2783
260	Nuclear and mitochondrial DNA oxidation in Alzheimer's disease. <i>Free Radical Research</i> , 2012 , 46, 565-764	6.4	39
259	Early induction of oxidative stress in mouse model of Alzheimer disease with reduced mitochondrial superoxide dismutase activity. <i>PLoS ONE</i> , 2012 , 7, e28033	3.7	47

258	Amyloid Beta and tau proteins as therapeutic targets for Alzheimer's disease treatment: rethinking the current strategy. <i>International Journal of Alzheimeris Disease</i> , 2012 , 2012, 630182	3.7	38
257	Glycogen synthase kinase 3: a point of integration in Alzheimer's disease and a therapeutic target?. <i>International Journal of Alzheimeris Disease</i> , 2012 , 2012, 276803	3.7	10
256	Nanoparticle delivery of transition-metal chelators to the brain: Oxidative stress will never see it coming!. <i>CNS and Neurological Disorders - Drug Targets</i> , 2012 , 11, 81-5	2.6	27
255	Bivalent ligand containing curcumin and cholesterol as fluorecence probe for A β plaques in Alzheimer's disease. <i>ACS Chemical Neuroscience</i> , 2012 , 3, 141-146	5.7	56
254	Oxidative damage to RNA in aging and neurodegenerative disorders. <i>Neurotoxicity Research</i> , 2012 , 22, 231-48	4.3	131
253	Mitochondrial importance in Alzheimer's, Huntington's and Parkinson's diseases. <i>Advances in Experimental Medicine and Biology</i> , 2012 , 724, 205-21	3.6	47
252	The role of iron as a mediator of oxidative stress in Alzheimer disease. <i>BioFactors</i> , 2012 , 38, 133-8	6.1	53
251	Impaired mitochondrial biogenesis contributes to mitochondrial dysfunction in Alzheimer's disease. <i>Journal of Neurochemistry</i> , 2012 , 120, 419-29	6	318
250	Mark A. Smith: neurocytochemistry innovator. <i>Journal of Neurochemistry</i> , 2012 , 120, 1139-40	6	
249	Hydroxynonenal-generated crosslinking fluorophore accumulation in Alzheimer disease reveals a dichotomy of protein turnover. <i>Free Radical Biology and Medicine</i> , 2012 , 52, 699-704	7.8	27
248	LRRK2 regulates mitochondrial dynamics and function through direct interaction with DLP1. <i>Human Molecular Genetics</i> , 2012 , 21, 1931-44	5.6	306
247	Cellular prion protein is essential for oligomeric amyloid- β -induced neuronal cell death. <i>Human Molecular Genetics</i> , 2012 , 21, 1138-44	5.6	98
246	Molecular neuropathogenesis of Alzheimer's disease: an interaction model stressing the central role of oxidative stress. <i>Future Neurology</i> , 2012 , 7, 287-305	1.5	10
245	The earliest stage of cognitive impairment in transition from normal aging to Alzheimer disease is marked by prominent RNA oxidation in vulnerable neurons. <i>Journal of Neuropathology and Experimental Neurology</i> , 2012 , 71, 233-41	3.1	79
244	R- α -Lipoic Acid as a Potent Agent of Mitochondrial Protection in Alzheimer's Disease. <i>Oxidative Stress and Disease</i> , 2012 , 455-467		
243	Insulin-resistant brain state: the culprit in sporadic Alzheimer's disease?. <i>Ageing Research Reviews</i> , 2011 , 10, 264-73	12	161
242	Frontiers in Alzheimer's disease therapeutics. <i>Therapeutic Advances in Chronic Disease</i> , 2011 , 2, 9-23	4.9	20
241	Early induction of c-Myc is associated with neuronal cell death. <i>Neuroscience Letters</i> , 2011 , 505, 124-7	3.3	14

240	Role of metal dyshomeostasis in Alzheimer's disease. <i>Metallomics</i> , 2011 , 3, 267-70	4.5	227
239	Mark Anthony Smith (1965-2010): Visionary, Alzheimer researcher, and editor-in-chief of the Journal of Alzheimer's Disease. <i>Journal of Alzheimeris Disease</i> , 2011 , 24, 1-2	4.3	6
238	Alzheimer's disease therapy: a moving target. <i>Therapy: Open Access in Clinical Medicine</i> , 2011 , 8, 457-458		
237	Mark A. Smith, PhD: Renegade Scientist and Visionary. <i>Journal of Neuropathology and Experimental Neurology</i> , 2011 , 70, 495-497	3.1	
236	The cell cycle regulator phosphorylated retinoblastoma protein is associated with tau pathology in several tauopathies. <i>Journal of Neuropathology and Experimental Neurology</i> , 2011 , 70, 578-87	3.1	27
235	The mitochondrial dynamics of Alzheimer's disease and Parkinson's disease offer important opportunities for therapeutic intervention. <i>Current Pharmaceutical Design</i> , 2011 , 17, 3374-80	3.3	26
234	DLP1-dependent mitochondrial fragmentation mediates 1-methyl-4-phenylpyridinium toxicity in neurons: implications for Parkinson's disease. <i>Aging Cell</i> , 2011 , 10, 807-23	9.9	95
233	The sirtuin pathway in ageing and Alzheimer disease: mechanistic and therapeutic considerations. <i>Lancet Neurology</i> , 2011 , 10, 275-9	24.1	158
232	The origin of oxidative stress in neurodegenerative disease: Mark Anthony Smith 1965-2010. <i>Free Radical Biology and Medicine</i> , 2011 , 51, 248-249	7.8	3
231	Mislocalization of CDK11/PITSLRE, a regulator of the G2/M phase of the cell cycle, in Alzheimer disease. <i>Cellular and Molecular Biology Letters</i> , 2011 , 16, 359-72	8.1	11
230	CD3 in Lewy pathology: does the abnormal recall of neurodevelopmental processes underlie Parkinson's disease. <i>Journal of Neural Transmission</i> , 2011 , 118, 23-6	4.3	9
229	Amyloid-beta42 interacts mainly with insoluble prion protein in the Alzheimer brain. <i>Journal of Biological Chemistry</i> , 2011 , 286, 15095-105	5.4	67
228	Neurodegenerative processes in Alzheimer's disease: an overview of pathogenesis with strategic biomarker potential. <i>Future Neurology</i> , 2011 , 6, 173-185	1.5	
227	A novel origin for granulovacuolar degeneration in aging and Alzheimer's disease: parallels to stress granules. <i>Laboratory Investigation</i> , 2011 , 91, 1777-86	5.9	37
226	The concept of redox balance in Alzheimer's disease: Mark Anthony Smith 1965-2010. <i>Redox Report</i> , 2011 , 16, 47-48	5.9	78
225	Cell cycle deregulation in the neurons of Alzheimer's disease. <i>Results and Problems in Cell Differentiation</i> , 2011 , 53, 565-76	1.4	53
224	The role of E2F1 in the development of hypertrophic cardiomyopathy. <i>International Journal of Clinical and Experimental Pathology</i> , 2011 , 4, 521-5	1.4	4
223	Neurofilamentopathy in neurodegenerative diseases. <i>The Open Neurology Journal</i> , 2011 , 5, 58-62	0.4	50

222	Oxidative Stress in Alzheimer's Disease: A Critical Appraisal of the Causes and the Consequences 2011 , 211-220		1
221	Oxidative Stress and Alzheimer Disease: Mechanisms and Therapeutic Opportunities. <i>Advances in Neurobiology</i> , 2011 , 607-631	2.1	
220	Down-regulation of serum gonadotropins is as effective as estrogen replacement at improving menopause-associated cognitive deficits. <i>Journal of Neurochemistry</i> , 2010 , 112, 870-81	6	44
219	Mitochondrial biology in Alzheimer's disease pathogenesis. <i>Journal of Neurochemistry</i> , 2010 , 114, 933-456		52
218	Divalent metal transporter, iron, and Parkinson's disease: a pathological relationship. <i>Cell Research</i> , 2010 , 20, 397-9	24.7	12
217	Widespread distribution of reticulon-3 in various neurodegenerative diseases. <i>Neuropathology</i> , 2010 , 30, 574-9	2	18
216	Mitochondrial preconditioning: a potential neuroprotective strategy. <i>Frontiers in Aging Neuroscience</i> , 2010 , 2,	5.3	23
215	A synergistic dysfunction of mitochondrial fission/fusion dynamics and mitophagy in Alzheimer's disease. <i>Journal of Alzheimer's Disease</i> , 2010 , 20 Suppl 2, S401-12	4.3	121
214	Mitochondria: the missing link between preconditioning and neuroprotection. <i>Journal of Alzheimer's Disease</i> , 2010 , 20 Suppl 2, S475-85	4.3	32
213	Oxidative Stress and Neurodegeneration: An Inevitable Consequence of Aging? Implications for Therapy 2010 , 305-323		4
212	Pathological implications of cell cycle re-entry in Alzheimer disease. <i>Expert Reviews in Molecular Medicine</i> , 2010 , 12, e19	6.7	62
211	Potential role of iron in a Mediterranean-style diet. <i>Archives of Neurology</i> , 2010 , 67, 1286-7; author reply 1287-8		3
210	eIF2alpha phosphorylation tips the balance to apoptosis during osmotic stress. <i>Journal of Biological Chemistry</i> , 2010 , 285, 17098-111	5.4	68
209	Indoleamine 2,3-dioxygenase and 3-hydroxykynurenine modifications are found in the neuropathology of Alzheimer's disease. <i>Redox Report</i> , 2010 , 15, 161-8	5.9	81
208	Leptin reduces pathology and improves memory in a transgenic mouse model of Alzheimer's disease. <i>Journal of Alzheimer's Disease</i> , 2010 , 19, 1155-67	4.3	173
207	Amyloid-beta-derived diffusible ligands cause impaired axonal transport of mitochondria in neurons. <i>Neurodegenerative Diseases</i> , 2010 , 7, 56-9	2.3	91
206	Biomarkers in Alzheimer's disease: past, present and future. <i>Biomarkers in Medicine</i> , 2010 , 4, 15-26	2.3	47
205	Detection and localization of markers of oxidative stress by in situ methods: application in the study of Alzheimer disease. <i>Methods in Molecular Biology</i> , 2010 , 610, 419-34	1.4	43

204	Chronic oxidative stress causes increased tau phosphorylation in M17 neuroblastoma cells. <i>Neuroscience Letters</i> , 2010 , 468, 267-71	3.3	107
203	Abnormal mitochondrial dynamics and neurodegenerative diseases. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2010 , 1802, 135-42	6.9	194
202	Mitochondrial dysfunction is a trigger of Alzheimer's disease pathophysiology. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2010 , 1802, 2-10	6.9	459
201	Mitochondria: a therapeutic target in neurodegeneration. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2010 , 1802, 212-20	6.9	209
200	Mitochondrial dysfunction: mitochondrial diseases and pathways with a focus on neurodegeneration. Preface. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2010 , 1802, 1	6.9	3
199	Oxidative stress in Alzheimer disease: a possibility for prevention. <i>Neuropharmacology</i> , 2010 , 59, 290-4	5.5	366
198	Signaling effect of amyloid-beta(42) on the processing of AbetaPP. <i>Experimental Neurology</i> , 2010 , 221, 18-25	5.7	46
197	Memantine: "hypothesis testing" not "disease modifying" in Alzheimer's disease. <i>American Journal of Pathology</i> , 2010 , 176, 540-1	5.8	3
196	Autophagy in Alzheimer's disease. <i>Expert Review of Neurotherapeutics</i> , 2010 , 10, 1209-18	4.3	45
195	Causes versus effects: the increasing complexities of Alzheimer's disease pathogenesis. <i>Expert Review of Neurotherapeutics</i> , 2010 , 10, 683-91	4.3	43
194	Mitochondrial dynamics in Alzheimer's disease: opportunities for future treatment strategies. <i>Drugs and Aging</i> , 2010 , 27, 181-92	4.7	70
193	Increased iron and free radical generation in preclinical Alzheimer disease and mild cognitive impairment. <i>Journal of Alzheimeris Disease</i> , 2010 , 19, 363-72	4.3	288
192	Antioxidant approaches for the treatment of Alzheimer's disease. <i>Expert Review of Neurotherapeutics</i> , 2010 , 10, 1201-8	4.3	91
191	Abnormal mitochondrial dynamics--a novel therapeutic target for Alzheimer's disease?. <i>Molecular Neurobiology</i> , 2010 , 41, 87-96	6.2	65
190	Intraneuronal amyloid beta accumulation and oxidative damage to nucleic acids in Alzheimer disease. <i>Neurobiology of Disease</i> , 2010 , 37, 731-7	7.5	77
189	LRRK2-mediated neurodegeneration and dysfunction of dopaminergic neurons in a Caenorhabditis elegans model of Parkinson's disease. <i>Neurobiology of Disease</i> , 2010 , 40, 73-81	7.5	103
188	Alzheimer's disease: diverse aspects of mitochondrial malfunctioning. <i>International Journal of Clinical and Experimental Pathology</i> , 2010 , 3, 570-81	1.4	71
187	Novel therapeutics for Alzheimer's disease: an update. <i>Current Opinion in Drug Discovery & Development</i> , 2010 , 13, 235-46		23

186	Oxidative Stress and its Implications for Future Treatments and Management of Alzheimer Disease. <i>International Journal of Biomedical Science</i> , 2010 , 6, 225-227		29
185	Insulin and Insulin-Sensitizing Drugs in Neurodegeneration: Mitochondria as Therapeutic Targets. <i>Pharmaceuticals</i> , 2009 , 2, 250-286	5.2	8
184	Cell cycle re-entry and mitochondrial defects in myc-mediated hypertrophic cardiomyopathy and heart failure. <i>PLoS ONE</i> , 2009 , 4, e7172	3.7	32
183	Impaired balance of mitochondrial fission and fusion in Alzheimer's disease. <i>Journal of Neuroscience</i> , 2009 , 29, 9090-103	6.6	816
182	Molecular pathogenesis of Alzheimer's disease: reductionist versus expansionist approaches. <i>International Journal of Molecular Sciences</i> , 2009 , 10, 1386-406	6.3	37
181	Mutant presenilin 1 increases the expression and activity of BACE1. <i>Journal of Biological Chemistry</i> , 2009 , 284, 9027-38	5.4	33
180	Natural oxidant balance in Parkinson disease. <i>Archives of Neurology</i> , 2009 , 66, 1445		4
179	Activation of Akt by lithium: pro-survival pathways in aging. <i>Mechanisms of Ageing and Development</i> , 2009 , 130, 253-61	5.6	36
178	The effect of mGluR2 activation on signal transduction pathways and neuronal cell survival. <i>Brain Research</i> , 2009 , 1249, 244-50	3.7	32
177	Neuroprotective effect of cocoa flavonoids on in vitro oxidative stress. <i>European Journal of Nutrition</i> , 2009 , 48, 54-61	5.2	50
176	Role of mitochondrial-mediated signaling pathways in Alzheimer disease and hypoxia. <i>Journal of Bioenergetics and Biomembranes</i> , 2009 , 41, 433-40	3.7	49
175	Ectopic localization of FOXO3a protein in Lewy bodies in Lewy body dementia and Parkinson's disease. <i>Molecular Neurodegeneration</i> , 2009 , 4, 32	19	27
174	The role of abnormal mitochondrial dynamics in the pathogenesis of Alzheimer's disease. <i>Journal of Neurochemistry</i> , 2009 , 109 Suppl 1, 153-9	6	206
173	The essential role of ERK in 4-oxo-2-nonenal-mediated cytotoxicity in SH-SY5Y human neuroblastoma cells. <i>Journal of Neurochemistry</i> , 2009 , 108, 1434-41	6	13
172	Tau--an inhibitor of deacetylase HDAC6 function. <i>Journal of Neurochemistry</i> , 2009 , 109, 1756-66	6	143
171	Insulin is a two-edged knife on the brain. <i>Journal of Alzheimeris Disease</i> , 2009 , 18, 483-507	4.3	59
170	Getting the iron out: phlebotomy for Alzheimer's disease?. <i>Medical Hypotheses</i> , 2009 , 72, 504-9	3.8	28
169	Cell cycle re-entry mediated neurodegeneration and its treatment role in the pathogenesis of Alzheimer's disease. <i>Neurochemistry International</i> , 2009 , 54, 84-8	4.4	96

168	Leptin inhibits glycogen synthase kinase-3beta to prevent tau phosphorylation in neuronal cells. <i>Neuroscience Letters</i> , 2009 , 455, 191-4	3.3	92
167	Down-regulation of aminolevulinatase synthase, the rate-limiting enzyme for heme biosynthesis in Alzheimer's disease. <i>Neuroscience Letters</i> , 2009 , 460, 180-4	3.3	16
166	Heme-a, the heme prosthetic group of cytochrome c oxidase, is increased in Alzheimer's disease. <i>Neuroscience Letters</i> , 2009 , 461, 302-5	3.3	8
165	Neurofibrillary Tangle Formation as a Protective Response to Oxidative Stress in Alzheimer's Disease 2009 , 103-113		3
164	All-trans retinoic acid as a novel therapeutic strategy for Alzheimer's disease. <i>Expert Review of Neurotherapeutics</i> , 2009 , 9, 1615-21	4.3	80
163	Leptin: a novel therapeutic strategy for Alzheimer's disease. <i>Journal of Alzheimer's Disease</i> , 2009 , 16, 731-40	4.3	103
162	The neuronal expression of MYC causes a neurodegenerative phenotype in a novel transgenic mouse. <i>American Journal of Pathology</i> , 2009 , 174, 891-7	5.8	65
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