

Thomas J Montine

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416
papers

41,551
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94
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195
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437
ext. papers

51,124
ext. citations

7
avg, IF

6.78
L-index

#	Paper	IF	Citations
4 ¹⁶	NIA-AA Research Framework: Toward a biological definition of Alzheimer's disease. <i>Alzheimer's and Dementia</i> , 2018 , 14, 535-562	1.2	3155
4 ¹⁵	Meta-analysis of 74,046 individuals identifies 11 new susceptibility loci for Alzheimer's disease. <i>Nature Genetics</i> , 2013 , 45, 1452-8	36.3	2714
4 ¹⁴	Diagnosis and management of dementia with Lewy bodies: Fourth consensus report of the DLB Consortium. <i>Neurology</i> , 2017 , 89, 88-100	6.5	1691
4 ¹³	National Institute on Aging-Alzheimer's Association guidelines for the neuropathologic assessment of Alzheimer's disease: a practical approach. <i>Acta Neuropathologica</i> , 2012 , 123, 1-11	14.3	1425
4 ¹²	National Institute on Aging-Alzheimer's Association guidelines for the neuropathologic assessment of Alzheimer's disease. <i>Alzheimer's and Dementia</i> , 2012 , 8, 1-13	1.2	1396
4 ¹¹	Common variants at MS4A4/MS4A6E, CD2AP, CD33 and EPHA1 are associated with late-onset Alzheimer's disease. <i>Nature Genetics</i> , 2011 , 43, 436-41	36.3	1367
4 ¹⁰	Correlation of Alzheimer disease neuropathologic changes with cognitive status: a review of the literature. <i>Journal of Neuropathology and Experimental Neurology</i> , 2012 , 71, 362-81	3.1	1145
4 ⁰⁹	Genetic meta-analysis of diagnosed Alzheimer's disease identifies new risk loci and implicates A β tau, immunity and lipid processing. <i>Nature Genetics</i> , 2019 , 51, 414-430	36.3	917
4 ⁰⁸	Intranasal insulin therapy for Alzheimer disease and amnesic mild cognitive impairment: a pilot clinical trial. <i>Archives of Neurology</i> , 2012 , 69, 29-38		882
4 ⁰⁷	Primary age-related tauopathy (PART): a common pathology associated with human aging. <i>Acta Neuropathologica</i> , 2014 , 128, 755-66	14.3	776
4 ⁰⁶	An improved ATAC-seq protocol reduces background and enables interrogation of frozen tissues. <i>Nature Methods</i> , 2017 , 14, 959-962	21.6	727
4 ⁰⁵	TARDBP mutations in amyotrophic lateral sclerosis with TDP-43 neuropathology: a genetic and histopathological analysis. <i>Lancet Neurology</i> , <i>The</i> , 2008 , 7, 409-16	24.1	542
4 ⁰⁴	Glucose levels and risk of dementia. <i>New England Journal of Medicine</i> , 2013 , 369, 540-8	59.2	516
4 ⁰³	Rare coding variants in PLCG2, ABI3, and TREM2 implicate microglial-mediated innate immunity in Alzheimer's disease. <i>Nature Genetics</i> , 2017 , 49, 1373-1384	36.3	508
4 ⁰²	Parkinson's disease is associated with oxidative damage to cytoplasmic DNA and RNA in substantia nigra neurons. <i>American Journal of Pathology</i> , 1999 , 154, 1423-9	5.8	499
4 ⁰¹	DJ-1 and alpha-synuclein in human cerebrospinal fluid as biomarkers of Parkinson's disease. <i>Brain</i> , 2010 , 133, 713-26	11.2	483
4 ⁰⁰	Limbic-predominant age-related TDP-43 encephalopathy (LATE): consensus working group report. <i>Brain</i> , 2019 , 142, 1503-1527	11.2	454

399	Vascular contributions to cognitive impairment and dementia including Alzheimer's disease. <i>Alzheimer's and Dementia</i> , 2015 , 11, 710-7	1.2	364
398	Lipid peroxidation in aging brain and Alzheimer's disease. <i>Free Radical Biology and Medicine</i> , 2002 , 33, 620-6	7.8	346
397	Meta-analysis confirms CR1, CLU, and PICALM as alzheimer disease risk loci and reveals interactions with APOE genotypes. <i>Archives of Neurology</i> , 2010 , 67, 1473-84		330
396	Formation of isoprostane-like compounds (neuroprostanes) in vivo from docosahexaenoic acid. <i>Journal of Biological Chemistry</i> , 1998 , 273, 13605-12	5.4	330
395	Detection of biomarkers with a multiplex quantitative proteomic platform in cerebrospinal fluid of patients with neurodegenerative disorders. <i>Journal of Alzheimer's Disease</i> , 2006 , 9, 293-348	4.3	324
394	Pathological correlates of dementia in a longitudinal, population-based sample of aging. <i>Annals of Neurology</i> , 2007 , 62, 406-13	9.4	322
393	Neuropathologic substrates of Parkinson disease dementia. <i>Annals of Neurology</i> , 2012 , 72, 587-98	9.4	316
392	Cerebrospinal fluid biomarkers for Parkinson disease diagnosis and progression. <i>Annals of Neurology</i> , 2011 , 69, 570-80	9.4	310
391	Co-morbidity of TDP-43 proteinopathy in Lewy body related diseases. <i>Acta Neuropathologica</i> , 2007 , 114, 221-9	14.3	307
390	Neuropathological and genetic correlates of survival and dementia onset in synucleinopathies: a retrospective analysis. <i>Lancet Neurology</i> , 2017 , 16, 55-65	24.1	273
389	Aging-related tau astroglialopathy (ARTAG): harmonized evaluation strategy. <i>Acta Neuropathologica</i> , 2016 , 131, 87-102	14.3	272
388	APOE $\epsilon 4$ increases risk for dementia in pure synucleinopathies. <i>JAMA Neurology</i> , 2013 , 70, 223-8	17.2	243
387	Antioxidants for Alzheimer disease: a randomized clinical trial with cerebrospinal fluid biomarker measures. <i>Archives of Neurology</i> , 2012 , 69, 836-41		241
386	Large-scale proteomic analysis of Alzheimer's disease brain and cerebrospinal fluid reveals early changes in energy metabolism associated with microglia and astrocyte activation. <i>Nature Medicine</i> , 2020 , 26, 769-780	50.5	226
385	Association of Traumatic Brain Injury With Late-Life Neurodegenerative Conditions and Neuropathologic Findings. <i>JAMA Neurology</i> , 2016 , 73, 1062-9	17.2	224
384	CSF multianalyte profile distinguishes Alzheimer and Parkinson diseases. <i>American Journal of Clinical Pathology</i> , 2008 , 129, 526-9	1.9	222
383	Genome-wide association meta-analysis of neuropathologic features of Alzheimer's disease and related dementias. <i>PLoS Genetics</i> , 2014 , 10, e1004606	6	219
382	Isoprostanes and related products of lipid peroxidation in neurodegenerative diseases. <i>Chemistry and Physics of Lipids</i> , 2004 , 128, 117-24	3.7	204

381	Deletion of the prostaglandin E2 EP2 receptor reduces oxidative damage and amyloid burden in a model of Alzheimer's disease. <i>Journal of Neuroscience</i> , 2005 , 25, 10180-7	6.6	202
380	U1 small nuclear ribonucleoprotein complex and RNA splicing alterations in Alzheimer's disease. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013 , 110, 16562-7	11.5	200
379	The future of blood-based biomarkers for Alzheimer's disease. <i>Alzheimer's and Dementia</i> , 2014 , 10, 115-312	3.12	196
378	Selective vulnerability of preterm white matter to oxidative damage defined by F2-isoprostanes. <i>Annals of Neurology</i> , 2005 , 58, 108-20	9.4	185
377	The genetics and neuropathology of Alzheimer's disease. <i>Acta Neuropathologica</i> , 2012 , 124, 305-23	14.3	174
376	Carbonyl toxicology and Alzheimer's disease. <i>Toxicology and Applied Pharmacology</i> , 2002 , 184, 187-97	4.6	173
375	Effects of Regular and Long-Acting Insulin on Cognition and Alzheimer's Disease Biomarkers: A Pilot Clinical Trial. <i>Journal of Alzheimer's Disease</i> , 2017 , 57, 1325-1334	4.3	171
374	Different patterns of cerebral injury in dementia with or without diabetes. <i>Archives of Neurology</i> , 2009 , 66, 315-22		171
373	Manganese ethylene-bis-dithiocarbamate and selective dopaminergic neurodegeneration in rat: a link through mitochondrial dysfunction. <i>Journal of Neurochemistry</i> , 2003 , 84, 336-46	6	167
372	Proteomic identification of novel proteins in cortical lewy bodies. <i>Brain Pathology</i> , 2007 , 17, 139-45	6	163
371	Guidelines for the standardization of preanalytic variables for blood-based biomarker studies in Alzheimer's disease research. <i>Alzheimer's and Dementia</i> , 2015 , 11, 549-60	1.2	159
370	Brain regional quantification of F-ring and D-/E-ring isoprostanes and neuroprostanes in Alzheimer's disease. <i>American Journal of Pathology</i> , 2001 , 158, 293-7	5.8	155
369	Biomarkers of oxidative damage and inflammation in Alzheimer's disease. <i>Biomarkers in Medicine</i> , 2010 , 4, 27-36	2.3	153
368	Hyperinsulinemia provokes synchronous increases in central inflammation and beta-amyloid in normal adults. <i>Archives of Neurology</i> , 2005 , 62, 1539-44		153
367	A randomized placebo-controlled pilot trial of omega-3 fatty acids and alpha lipoic acid in Alzheimer's disease. <i>Journal of Alzheimer's Disease</i> , 2014 , 38, 111-20	4.3	152
366	Quantitative proteomic analysis of age-related changes in human cerebrospinal fluid. <i>Neurobiology of Aging</i> , 2005 , 26, 207-27	5.6	152
365	Convergent genetic and expression data implicate immunity in Alzheimer's disease. <i>Alzheimer's and Dementia</i> , 2015 , 11, 658-71	1.2	146
364	Quantitative proteomics of cerebrospinal fluid from patients with Alzheimer disease. <i>Journal of Alzheimer's Disease</i> , 2005 , 7, 125-33; discussion 173-80	4.3	146

363	The spectrum of mutations in progranulin: a collaborative study screening 545 cases of neurodegeneration. <i>Archives of Neurology</i> , 2010 , 67, 161-70		143
362	Sex-Specific Association of Apolipoprotein E With Cerebrospinal Fluid Levels of Tau. <i>JAMA Neurology</i> , 2018 , 75, 989-998	17.2	142
361	Peripheral F2-isoprostanes and F4-neuroprostanes are not increased in Alzheimer's disease. <i>Annals of Neurology</i> , 2002 , 52, 175-9	9.4	141
360	Hydroxynonenal adducts indicate a role for lipid peroxidation in neocortical and brainstem Lewy bodies in humans. <i>Neuroscience Letters</i> , 2002 , 319, 25-8	3.3	141
359	Analysis of alpha-synuclein-associated proteins by quantitative proteomics. <i>Journal of Biological Chemistry</i> , 2004 , 279, 39155-64	5.4	138
358	APOE, MAPT, and SNCA genes and cognitive performance in Parkinson disease. <i>JAMA Neurology</i> , 2014 , 71, 1405-12	17.2	135
357	Faster plasma vitamin E disappearance in smokers is normalized by vitamin C supplementation. <i>Free Radical Biology and Medicine</i> , 2006 , 40, 689-97	7.8	134
356	CSF A β (42) and tau in Parkinson's disease with cognitive impairment. <i>Movement Disorders</i> , 2010 , 25, 2682-5		132
355	Chronic dietary alpha-lipoic acid reduces deficits in hippocampal memory of aged Tg2576 mice. <i>Neurobiology of Aging</i> , 2007 , 28, 213-25	5.6	130
354	Effects of multiple genetic loci on age at onset in late-onset Alzheimer disease: a genome-wide association study. <i>JAMA Neurology</i> , 2014 , 71, 1394-404	17.2	129
353	Ecology of the aging human brain. <i>Archives of Neurology</i> , 2011 , 68, 1049-56		128
352	Immunohistochemical and biochemical studies demonstrate a distinct profile of alpha-synuclein permutations in multiple system atrophy. <i>Journal of Neuropathology and Experimental Neurology</i> , 2000 , 59, 830-41	3.1	121
351	Association of GBA Mutations and the E326K Polymorphism With Motor and Cognitive Progression in Parkinson Disease. <i>JAMA Neurology</i> , 2016 , 73, 1217-1224	17.2	120
350	4-Hydroxy-2(E)-nonenal inhibits CNS mitochondrial respiration at multiple sites. <i>Journal of Neurochemistry</i> , 1999 , 72, 1617-24	6	120
349	Neuronal oxidative damage from activated innate immunity is EP2 receptor-dependent. <i>Journal of Neurochemistry</i> , 2002 , 83, 463-70	6	117
348	Distribution of reducible 4-hydroxynonenal adduct immunoreactivity in Alzheimer disease is associated with APOE genotype. <i>Journal of Neuropathology and Experimental Neurology</i> , 1998 , 57, 415-23 ¹	3.1	115
347	Diabetes and insulin in regulation of brain cholesterol metabolism. <i>Cell Metabolism</i> , 2010 , 12, 567-79	24.6	114
346	Exceptionally low likelihood of Alzheimer's dementia in APOE2 homozygotes from a 5,000-person neuropathological study. <i>Nature Communications</i> , 2020 , 11, 667	17.4	113

345	GBA Variants are associated with a distinct pattern of cognitive deficits in Parkinson's disease. <i>Movement Disorders</i> , 2016 , 31, 95-102	7	113
344	PART, a distinct tauopathy, different from classical sporadic Alzheimer disease. <i>Acta Neuropathologica</i> , 2015 , 129, 757-62	14.3	109
343	The prostaglandin E2 E-prostanoid 4 receptor exerts anti-inflammatory effects in brain innate immunity. <i>Journal of Immunology</i> , 2010 , 184, 7207-18	5.3	108
342	Microglia lacking E Prostanoid Receptor subtype 2 have enhanced Abeta phagocytosis yet lack Abeta-activated neurotoxicity. <i>American Journal of Pathology</i> , 2005 , 166, 1163-72	5.8	108
341	LR11/SorLA expression is reduced in sporadic Alzheimer disease but not in familial Alzheimer disease. <i>Journal of Neuropathology and Experimental Neurology</i> , 2006 , 65, 866-72	3.1	107
340	HIV associated neurodegeneration requires p53 in neurons and microglia. <i>FASEB Journal</i> , 2004 , 18, 1141-39	3.9	107
339	Transethnic genome-wide scan identifies novel Alzheimer's disease loci. <i>Alzheimer's and Dementia</i> , 2017 , 13, 727-738	1.2	106
338	Positron Emission Tomography Imaging With [18F]flortaucipir and Postmortem Assessment of Alzheimer Disease Neuropathologic Changes. <i>JAMA Neurology</i> , 2020 , 77, 829-839	17.2	105
337	Electrophilic cyclopentenone neuroprostanes are anti-inflammatory mediators formed from the peroxidation of the omega-3 polyunsaturated fatty acid docosahexaenoic acid. <i>Journal of Biological Chemistry</i> , 2008 , 283, 19927-35	5.4	105
336	Microglial EP2 is critical to neurotoxicity from activated cerebral innate immunity. <i>Glia</i> , 2005 , 52, 70-7	9	101
335	Enhanced N-methyl-4-phenyl-1,2,3,6-tetrahydropyridine toxicity in mice deficient in CuZn-superoxide dismutase or glutathione peroxidase. <i>Journal of Neuropathology and Experimental Neurology</i> , 2000 , 59, 53-61	3.1	101
334	The magnitude of brain lipid peroxidation correlates with the extent of degeneration but not with density of neuritic plaques or neurofibrillary tangles or with APOE genotype in Alzheimer's disease patients. <i>American Journal of Pathology</i> , 1999 , 155, 863-8	5.8	101
333	Single-Cell Analyses Identify Brain Mural Cells Expressing CD19 as Potential Off-Tumor Targets for CAR-T Immunotherapies. <i>Cell</i> , 2020 , 183, 126-142.e17	56.2	101
332	MIBI-TOF: A multiplexed imaging platform relates cellular phenotypes and tissue structure. <i>Science Advances</i> , 2019 , 5, eaax5851	14.3	100
331	Diet intervention and cerebrospinal fluid biomarkers in amnesic mild cognitive impairment. <i>Archives of Neurology</i> , 2011 , 68, 743-52		100
330	A combined dataset of human cerebrospinal fluid proteins identified by multi-dimensional chromatography and tandem mass spectrometry. <i>Proteomics</i> , 2007 , 7, 469-73	4.8	100
329	Cerebrospinal fluid concentration of brain-derived neurotrophic factor and cognitive function in non-demented subjects. <i>PLoS ONE</i> , 2009 , 4, e5424	3.7	100
328	Glucocerebrosidase Deficiency in Drosophila Results in Synuclein-Independent Protein Aggregation and Neurodegeneration. <i>PLoS Genetics</i> , 2016 , 12, e1005944	6	100

327	Mutations in prickle orthologs cause seizures in flies, mice, and humans. <i>American Journal of Human Genetics</i> , 2011 , 88, 138-49	11	99
326	CNS tau efflux via exosomes is likely increased in Parkinson's disease but not in Alzheimer's disease. <i>Alzheimer's and Dementia</i> , 2016 , 12, 1125-1131	1.2	99
325	Pharmacologic inhibition of ROCK2 suppresses amyloid- β production in an Alzheimer's disease mouse model. <i>Journal of Neuroscience</i> , 2013 , 33, 19086-98	6.6	98
324	Surgical neuropathology update: a review of changes introduced by the WHO classification of tumours of the central nervous system, 4th edition. <i>Archives of Pathology and Laboratory Medicine</i> , 2008 , 132, 993-1007	5	97
323	Inflammation and cerebral amyloidosis are disconnected in an animal model of Alzheimer's disease. <i>Journal of Neuroimmunology</i> , 2003 , 137, 32-41	3.5	96
322	Effects of reactive gamma-ketoaldehydes formed by the isoprostane pathway (isoketals) and cyclooxygenase pathway (levuglandins) on proteasome function. <i>FASEB Journal</i> , 2002 , 16, 715-7	0.9	93
321	F2-isoprostanes in Alzheimer and other neurodegenerative diseases. <i>Antioxidants and Redox Signaling</i> , 2005 , 7, 269-75	8.4	92
320	Lack of beta-methylamino-L-alanine in brain from controls, AD, or Chamorros with PDC. <i>Neurology</i> , 2005 , 65, 768-9	6.5	92
319	Pharmacologic suppression of neuronal oxidative damage and dendritic degeneration following direct activation of glial innate immunity in mouse cerebrum. <i>Journal of Neurochemistry</i> , 2003 , 87, 1518-26	6	91
318	Plasma apolipoprotein A1 as a biomarker for Parkinson disease. <i>Annals of Neurology</i> , 2013 , 74, 119-27	9.4	90
317	Gene-wide analysis detects two new susceptibility genes for Alzheimer's disease. <i>PLoS ONE</i> , 2014 , 9, e94661	3.7	90
316	Empiric refinement of the pathologic assessment of Lewy-related pathology in the dementia patient. <i>Brain Pathology</i> , 2008 , 18, 220-4	6	89
315	Free radical-mediated damage to brain in Alzheimer's disease and its transgenic mouse models. <i>Free Radical Biology and Medicine</i> , 2008 , 45, 219-30	7.8	87
314	Lewy body pathology in familial Alzheimer disease: evidence for disease- and mutation-specific pathologic phenotype. <i>Archives of Neurology</i> , 2006 , 63, 370-6		87
313	MicroRNA in Alzheimer's disease: an exploratory study in brain, cerebrospinal fluid and plasma. <i>Biomarkers</i> , 2013 , 18, 455-66	2.6	86
312	White matter lesions defined by diffusion tensor imaging in older adults. <i>Annals of Neurology</i> , 2011 , 70, 465-76	9.4	86
311	Fatty acid oxidation in the pathogenesis of Alzheimer's disease. <i>American Journal of Pathology</i> , 2005 , 166, 1283-9	5.8	86
310	{alpha}-Tocopherol disappearance is faster in cigarette smokers and is inversely related to their ascorbic acid status. <i>American Journal of Clinical Nutrition</i> , 2005 , 81, 95-103	7	86

309	Neurotoxicity from innate immune response is greatest with targeted replacement of E4 allele of apolipoprotein E gene and is mediated by microglial p38MAPK. <i>FASEB Journal</i> , 2006 , 20, 797-9	0.9	85
308	Effect of statins on Alzheimer's disease biomarkers in cerebrospinal fluid. <i>Journal of Alzheimer's Disease</i> , 2006 , 10, 399-406	4.3	85
307	Digestion products of the PH20 hyaluronidase inhibit remyelination. <i>Annals of Neurology</i> , 2013 , 73, 266-804	8.4	83
306	Prognostic significance of Ki-67 proliferation index in supratentorial fibrillary astrocytic neoplasms. <i>Neurosurgery</i> , 1994 , 34, 674-8; discussion 678-9	3.2	83
305	Cerebrospinal fluid abeta42, tau, and f2-isoprostane concentrations in patients with Alzheimer disease, other dementias, and in age-matched controls. <i>Archives of Pathology and Laboratory Medicine</i> , 2001 , 125, 510-2	5	83
304	A patient with Huntington's disease and long-surviving fetal neural transplants that developed mass lesions. <i>Acta Neuropathologica</i> , 2009 , 117, 329-38	14.3	81
303	Therapeutic targets in prostaglandin E2 signaling for neurologic disease. <i>Current Medicinal Chemistry</i> , 2008 , 15, 1863-9	4.3	81
302	Recommendations of the Alzheimer's disease-related dementias conference. <i>Neurology</i> , 2014 , 83, 851-66.5	6.5	80
301	Mitochondrial DNA deletions/rearrangements in parkinson disease and related neurodegenerative disorders. <i>Journal of Neuropathology and Experimental Neurology</i> , 2002 , 61, 634-9	3.1	80
300	Suppression of longitudinal increase in CSF F2-isoprostanes in Alzheimer's disease. <i>Journal of Alzheimer's Disease</i> , 2004 , 6, 93-7	4.3	79
299	The Effects of Co-Treatment of 9-cis-Retinoic Acid and 15-Deoxy-[(12,14)-prostaglandin J2 on Microglial Activation. <i>Molecules</i> , 2011 , 16, 4045-4058	4.8	78
298	Complement 3 and factor h in human cerebrospinal fluid in Parkinson's disease, Alzheimer's disease, and multiple-system atrophy. <i>American Journal of Pathology</i> , 2011 , 178, 1509-16	5.8	77
297	Glycoproteomics in neurodegenerative diseases. <i>Mass Spectrometry Reviews</i> , 2010 , 29, 79-125	11	75
296	Catalysis of catechol oxidation by metal-dithiocarbamate complexes in pesticides. <i>Free Radical Biology and Medicine</i> , 2002 , 33, 1714-23	7.8	74
295	Male microchimerism in the human female brain. <i>PLoS ONE</i> , 2012 , 7, e45592	3.7	73
294	Identification of glutathione S-transferase pi as a protein involved in Parkinson disease progression. <i>American Journal of Pathology</i> , 2009 , 175, 54-65	5.8	73
293	Formation of highly reactive gamma-ketoaldehydes (neuroketals) as products of the neuroprostane pathway. <i>Journal of Biological Chemistry</i> , 2001 , 276, 30964-70	5.4	73
292	Age-dependent changes in the cerebrospinal fluid proteome by slow off-rate modified aptamer array. <i>American Journal of Pathology</i> , 2012 , 180, 446-56	5.8	71

291	Inflammatory prostaglandin E2 signaling in a mouse model of Alzheimer disease. <i>Annals of Neurology</i> , 2012 , 72, 788-98	9.4	71
290	Formation of highly reactive A-ring and J-ring isoprostane-like compounds (A4/J4-neuroprostanes) in vivo from docosahexaenoic acid. <i>Journal of Biological Chemistry</i> , 2002 , 277, 36076-84	5.4	71
289	Effect of apolipoprotein E genotype and diet on apolipoprotein E lipidation and amyloid peptides: randomized clinical trial. <i>JAMA Neurology</i> , 2013 , 70, 972-80	17.2	70
288	Apolipoprotein E isoforms and regulation of the innate immune response in brain of patients with Alzheimer's disease. <i>Current Opinion in Neurobiology</i> , 2011 , 21, 920-8	7.6	70
287	Crosslinking of apolipoprotein E by products of lipid peroxidation. <i>Journal of Neuropathology and Experimental Neurology</i> , 1996 , 55, 202-10	3.1	69
286	Seed-competent high-molecular-weight tau species accumulates in the cerebrospinal fluid of Alzheimer's disease mouse model and human patients. <i>Annals of Neurology</i> , 2016 , 80, 355-67	9.4	67
285	Expression and activities of aldo-keto oxidoreductases in Alzheimer disease. <i>Journal of Neuropathology and Experimental Neurology</i> , 2001 , 60, 686-95	3.1	66
284	The tau tubulin kinases TTBK1/2 promote accumulation of pathological TDP-43. <i>PLoS Genetics</i> , 2014 , 10, e1004803	6	64
283	Biomarkers for cognitive impairment and dementia in elderly people. <i>Lancet Neurology</i> , 2008 , 7, 704-14	24.1	64
282	Multisite assessment of NIA-AA guidelines for the neuropathologic evaluation of Alzheimer's disease. <i>Alzheimer's and Dementia</i> , 2016 , 12, 164-169	1.2	62
281	The National Institute on Aging and the Alzheimer's Association Research Framework for Alzheimer's disease: Perspectives from the Research Roundtable. <i>Alzheimer's and Dementia</i> , 2018 , 14, 563-575	1.2	61
280	F2-dihomo-isoprostanes arise from free radical attack on adrenic acid. <i>Journal of Lipid Research</i> , 2008 , 49, 995-1005	6.3	61
279	Quantification of F-ring isoprostane-like compounds (F4-neuroprostanes) derived from docosahexaenoic acid in vivo in humans by a stable isotope dilution mass spectrometric assay. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2004 , 799, 95-102	3.2	61
278	Familial prion disease with Alzheimer disease-like tau pathology and clinical phenotype. <i>Annals of Neurology</i> , 2011 , 69, 712-20	9.4	59
277	Development and application of a comprehensive two-dimensional gas chromatography with time-of-flight mass spectrometry method for the analysis of L-beta-methylamino-alanine in human tissue. <i>Journal of Chromatography A</i> , 2010 , 1217, 4639-47	4.5	59
276	Application of targeted quantitative proteomics analysis in human cerebrospinal fluid using a liquid chromatography matrix-assisted laser desorption/ionization time-of-flight tandem mass spectrometer (LC MALDI TOF/TOF) platform. <i>Journal of Proteome Research</i> , 2008 , 7, 720-30	5.6	59
275	Carbofuran-induced oxidative stress in slow and fast skeletal muscles: prevention by memantine and atropine. <i>Toxicology</i> , 2005 , 208, 13-24	4.4	59
274	Rho-associated protein kinase 1 (ROCK1) is increased in Alzheimer's disease and ROCK1 depletion reduces amyloid- β levels in brain. <i>Journal of Neurochemistry</i> , 2016 , 138, 525-31	6	59

273	Single-cell epigenomic analyses implicate candidate causal variants at inherited risk loci for Alzheimer's and Parkinson's diseases. <i>Nature Genetics</i> , 2020 , 52, 1158-1168	36.3	58
272	Aggregates of small nuclear ribonucleic acids (snRNAs) in Alzheimer's disease. <i>Brain Pathology</i> , 2014 , 24, 344-51	6	57
271	Attenuated progression of diet-induced steatohepatitis in glutathione-deficient mice. <i>Laboratory Investigation</i> , 2010 , 90, 1704-17	5.9	57
270	Sex differences in progression to mild cognitive impairment and dementia in Parkinson's disease. <i>Parkinsonism and Related Disorders</i> , 2018 , 50, 29-36	3.6	56
269	Prostaglandin H(2)-derived adducts of proteins correlate with Alzheimer's disease severity. <i>Journal of Neurochemistry</i> , 2005 , 94, 1140-5	6	56
268	Mechanisms of 4-hydroxynonenal-induced neuronal microtubule dysfunction. <i>Brain Research</i> , 2005 , 1037, 90-8	3.7	56
267	Depletion of B lymphocytes from cerebral perivascular spaces by rituximab. <i>Archives of Neurology</i> , 2009 , 66, 1016-20		55
266	F(2)-isoprostanes as biomarkers of late-onset Alzheimer's disease. <i>Journal of Molecular Neuroscience</i> , 2007 , 33, 114-9	3.3	55
265	The Revised National Alzheimer's Coordinating Center's Neuropathology Form-Available Data and New Analyses. <i>Journal of Neuropathology and Experimental Neurology</i> , 2018 , 77, 717-726	3.1	55
264	Therapeutic implications of the prostaglandin pathway in Alzheimer's disease. <i>Biochemical Pharmacology</i> , 2014 , 88, 565-72	6	54
263	Cerebrospinal fluid biomarkers and cognitive performance in non-demented patients with Parkinson's disease. <i>Parkinsonism and Related Disorders</i> , 2011 , 17, 61-4	3.6	54
262	Mitochondrial DNA mutations increase in early stage Alzheimer disease and are inconsistent with oxidative damage. <i>Annals of Neurology</i> , 2016 , 80, 301-6	9.4	54
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260	Prostanoid signaling: dual role for prostaglandin E2 in neurotoxicity. <i>NeuroToxicology</i> , 2011 , 32, 312-9	4.4	52
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