Nathalie Brouwers

List of Publications by Year
in descending order

43 papers	3,868 citations	172457 29 h-index	265206 42 g-index
56 all docs	56 docs citations	56 times ranked	6400 citing authors

#	Article	IF	Citations
1	Reactive oxygen species triggers unconventional secretion of antioxidants and Acb1. Journal of Cell Biology, 2020, 219, .	5.2	19
2	GRASP55 and UPR Control Interleukin-1Î² Aggregation and Secretion. Developmental Cell, 2019, 49, 145-155.e4.	7.0	39
3	New factors for protein transport identified by a genome-wide CRISPRi screen in mammalian cells. Journal of Cell Biology, 2019, 218, 3861-3879.	5.2	25
4	Sodium channel TRPM4 and sodium/calcium exchangers (NCX) cooperate in the control of Ca2+-induced mucin secretion from goblet cells. Journal of Biological Chemistry, 2019, 294, 816-826.	3.4	33
5	KChIP3 coupled to Ca2+ oscillations exerts a tonic brake on baseline mucin release in the colon. ELife, 2018, 7, .	6.0	18
6	A diacidic motif determines unconventional secretion of wild-type and ALS-linked mutant SOD1. Journal of Cell Biology, 2017, 216, 2691-2700.	5.2	42
7	Role of Kif15 and its novel mitotic partner KBP in K-fiber dynamics and chromosome alignment. PLoS ONE, 2017, 12, e0174819.	2.5	17
8	Reduced secretion and altered proteolytic processing caused by missense mutations in progranulin. Neurobiology of Aging, 2016, 39, 220.e17-220.e26.	3.1	11
9	ESCRT-III drives the final stages of CUPS maturation for unconventional protein secretion. ELife, 2016, 5, .	6.0	54
10	TANGO1 recruits ERGIC membranes to the endoplasmic reticulum for procollagen export. ELife, 2015, 4, .	6.0	86
11	Brain-Specific Tryptophan Hydroxylase, TPH2, and 5-HTTLPR are Associated with Frontal Lobe Symptoms in Alzheimer's Disease. Journal of Alzheimer's Disease, 2013, 35, 67-73.	2.6	6
12	Genetic association of CR1 with Alzheimer's disease: A tentative disease mechanism. Neurobiology of Aging, 2012, 33, 2949.e5-2949.e12.	3.1	72
13	Both common variations and rare non-synonymous substitutions and small insertion/deletions in CLU are associated with increased Alzheimer risk. Molecular Neurodegeneration, 2012, 7, 3.	10.8	77
14	Alzheimer risk associated with a copy number variation in the complement receptor 1 increasing C3b/C4b binding sites. Molecular Psychiatry, 2012, 17, 223-233.	7.9	179
15	APOE and Alzheimer disease: a major gene with semi-dominant inheritance. Molecular Psychiatry, 2011, 16, 903-907.	7.9	529
16	Potent amyloidogenicity and pathogenicity of AÎ²43. Nature Neuroscience, 2011, 14, 1023-1032.	14.8	245
17	Amyloid precursor protein mutation E682K at the alternative Î²â€secretase cleavage Î²â€²â€site increases AÎ² generation. EMBO Molecular Medicine, 2011, 3, 291-302.	6.9	97
18	Rescue of Progranulin Deficiency Associated with Frontotemporal Lobar Degeneration by Alkalizing Reagents and Inhibition of Vacuolar ATPase. Journal of Neuroscience, 2011, 31, 1885-1894.	3.6	121

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19	The CALHM1 P86L Polymorphism is a Genetic Modifier of Age at Onset in Alzheimer's Disease: a Meta-Analysis Study. Journal of Alzheimer's Disease, 2010, 22, 247-255.	2.6	54
20	Reply. Annals of Neurology, 2010, 68, 119-119.	5.3	1
21	Follow-Up Study of Susceptibility Loci for Alzheimer's Disease and Onset Age Identified by Genome-Wide Association. Journal of Alzheimer's Disease, 2010, 19, 1169-1175.	2.6	33
22	Contribution of TARDBP to Alzheimer's Disease Genetic Etiology. Journal of Alzheimer's Disease, 2010, 21, 423-430.	2.6	19
23	O1-03-01: In-depth molecular genetic analysis of CLU in Alzheimer's disease. , 2010, 6, S73-S74.		0
24	Role of progranulin as a biomarker for Alzheimerâ€™s disease. Biomarkers in Medicine, 2010, 4, 37-50.	1.4	22
25	Serum biomarker for progranulinâ€associated frontotemporal lobar degeneration. Annals of Neurology, 2009, 65, 603-609.	5.3	195
26	Common variation inGRB-associated Binding Protein 2 (GAB2)and increased risk for Alzheimer dementia. Human Mutation, 2009, 30, E338-E344.	2.5	30
27	No association betweenCALHM1and risk for Alzheimer dementia in a Belgian population. Human Mutation, 2009, 30, E570-E574.	2.5	25
28	Relative contribution of simple mutations vs. copy number variations in five Parkinson disease genes in the Belgian population. Human Mutation, 2009, 30, 1054-1061.	2.5	58
29	APPandBACE1miRNA genetic variability has no major role in risk for Alzheimer disease. Human Mutation, 2009, 30, 1207-1213.	2.5	52
30	DNMBP is genetically associated with Alzheimer dementia in the Belgian population. Neurobiology of Aging, 2009, 30, 2000-2009.	3.1	10
31	SORL1 is genetically associated with increased risk for late-onset Alzheimer disease in the Belgian population. Human Mutation, 2008, 29, 769-770.	2.5	98
32	Progranulin genetic variability contributes to amyotrophic lateral sclerosis. Neurology, 2008, 71, 253-259.	1.1	148
33	Molecular genetics of Alzheimer's disease: An update. Annals of Medicine, 2008, 40, 562-583.	3.8	196
34	Genetic variability in progranulin contributes to risk for clinically diagnosed Alzheimer disease. Neurology, 2008, 71, 656-664.	1.1	158
35	No association of CSF biomarkers with APOEÂ4, plaque and tangle burden in definite Alzheimer's disease. Brain, 2007, 130, 2320-2326.	7.6	110
36	Alzheimer and Parkinson Diagnoses in Progranulin Null Mutation Carriers in an Extended Founder Family. Archives of Neurology, 2007, 64, 1436.	4.5	143

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37	Mutations other than null mutations producing a pathogenic loss of progranulin in frontotemporal dementia. Human Mutation, 2007, 28, 416-416.	2.5	116
38	Association study of cholesterol-related genes in Alzheimerâ€™s disease. Neurogenetics, 2007, 8, 179-188.	1.4	47
39	Promoter Mutations That Increase Amyloid Precursor-Protein Expression Are Associated with Alzheimer Disease. American Journal of Human Genetics, 2006, 78, 936-946.	6.2	173
40	APP duplication is sufficient to cause early onset Alzheimer's dementia with cerebral amyloid angiopathy. Brain, 2006, 129, 2977-2983.	7.6	337
41	The UBQLN1 polymorphism, UBQ-8i, at 9q22 is not associated with Alzheimer's disease with onset before 70 years. Neuroscience Letters, 2006, 392, 72-74.	2.1	30
42	Alzheimer dementia caused by a novel mutation located in the APP C-terminal intracytosolic fragment. Human Mutation, 2006, 27, 888-896.	2.5	62
43	Genetic risk and transcriptional variability of amyloid precursor protein in Alzheimer's disease. Brain, 2006, 129, 2984-2991.	7.6	76