Koen Bossers

List of Publications by Year in descending order

27 papers	2,713 citations	257450 24 h-index	526287 27 g-index
27 all docs	27 docs citations	27 times ranked	5633 citing authors

#	Article	IF	Citations
1	Alteration of the micro <scp>RNA</scp> network during the progression of Alzheimer's disease. EMBO Molecular Medicine, 2013, 5, 1613-1634.	6.9	408
2	Isolation of glia from Alzheimer's mice reveals inflammation andÂdysfunction. Neurobiology of Aging, 2014, 35, 2746-2760.	3.1	317
3	Acute isolation and transcriptome characterization of cortical astrocytes and microglia from young and aged mice. Neurobiology of Aging, 2014, 35, 1-14.	3.1	286
4	Concerted changes in transcripts in the prefrontal cortex precede neuropathology in Alzheimer's disease. Brain, 2010, 133, 3699-3723.	7.6	203
5	Phenotypic Characterization of Retinoic Acid Differentiated SH-SY5Y Cells by Transcriptional Profiling. PLoS ONE, 2013, 8, e63862.	2.5	185
6	Analysis of Gene Expression in Parkinson's Disease: Possible Involvement of Neurotrophic Support and Axon Guidance in Dopaminergic Cell Death. Brain Pathology, 2009, 19, 91-107.	4.1	159
7	Reduced expression of hsa-miR-27a-3p in CSF of patients with Alzheimer disease. Neurology, 2013, 81, 2103-2106.	1.1	139
8	The storm before the quiet: neuronal hyperactivity and AÎ² in the presymptomatic stages of Alzheimer's disease. Neurobiology of Aging, 2015, 36, 1-11.	3.1	107
9	Neurosteroid biosynthetic pathways changes in prefrontal cortex in Alzheimer's disease. Neurobiology of Aging, 2011, 32, 1964-1976.	3.1	94
10	Increasing membrane cholesterol of neurons in culture recapitulates Alzheimerâ€™s disease early phenotypes. Molecular Neurodegeneration, 2014, 9, 60.	10.8	76
11	Cortical beta amyloid protein triggers an immune response, but no synaptic changes in the APPswe/PS1dE9 Alzheimer's disease mouse model. Neurobiology of Aging, 2013, 34, 1328-1342.	3.1	68
12	Alterations in the histaminergic system in Alzheimer's disease: a postmortem study. Neurobiology of Aging, 2012, 33, 2585-2598.	3.1	64
13	MicroRNA-132 and early growth response-1 in nucleus basalis of Meynert during the course of Alzheimerâ€™s disease. Brain, 2016, 139, 908-921.	7.6	62
14	Î²-Arrestin1 regulates Î³-secretase complex assembly and modulates amyloid-Î² pathology. Cell Research, 2013, 23, 351-365.	12.0	61
15	Loss of GPR3 reduces the amyloid plaque burden and improves memory in Alzheimerâ€™s disease mouse models. Science Translational Medicine, 2015, 7, 309ra164.	12.4	61
16	Neurosteroid Biosynthetic Pathway Changes in Substantia Nigra and Caudate Nucleus in Parkinson's Disease. Brain Pathology, 2010, 20, 945-951.	4.1	60
17	Alterations in the histaminergic system in the substantia nigra and striatum of Parkinson's patients: a postmortem study. Neurobiology of Aging, 2012, 33, 1488.e1-1488.e13.	3.1	56
18	Comparison of Mouse and Human Retinal Pigment Epithelium Gene Expression Profiles: Potential Implications for Age-Related Macular Degeneration. PLoS ONE, 2015, 10, e0141597.	2.5	47

#	Article	IF	Citations
19	A novel peptidomics approach to detect markers of Alzheimerâ€™s disease in cerebrospinal fluid. Methods, 2012, 56, 500-507.	3.8	46
20	Early Molecular Changes in Alzheimer Disease: Can We Catch the Disease in its Presymptomatic Phase?. Journal of Alzheimer's Disease, 2013, 38, 719-740.	2.6	40
21	Microarray and Morphological Analysis of Early Postnatal CRB2 Mutant Retinas on a Pure C57BL/6J Genetic Background. PLoS ONE, 2013, 8, e82532.	2.5	35
22	Gene Expression and Functional Annotation of the Human Ciliary Body Epithelia. PLoS ONE, 2012, 7, e44973.	2.5	32
23	A meta-analysis of microarray-based gene expression studies of olfactory bulb-derived olfactory ensheathing cells. Experimental Neurology, 2011, 229, 10-45.	4.1	28
24	Modeling early Parkinson's disease pathology with chronic low dose MPTP treatment. Restorative Neurology and Neuroscience, 2013, 31, 155-167.	0.7	28
25	Repulsive Guidance Molecule a (RGMa) Induces Neuropathological and Behavioral Changes That Closely Resemble Parkinson's Disease. Journal of Neuroscience, 2017, 37, 9361-9379.	3.6	26
26	Intensity-based analysis of dual-color gene expression data as an alternative to ratio-based analysis to enhance reproducibility. BMC Genomics, 2010, 11, 112.	2.8	17
27	The Effects of Sindbis Viral Vectors on Neuronal Function. Frontiers in Cellular Neuroscience, 2019, 13, 362.	3.7	8