

# Koen Bossers

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2525096/publications.pdf>

Version: 2024-02-01

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	The Effects of Sindbis Viral Vectors on Neuronal Function. <i>Frontiers in Cellular Neuroscience</i> , 2019, 13, 362.	3.7	8
2	Repulsive Guidance Molecule a (RGMa) Induces Neuropathological and Behavioral Changes That Closely Resemble Parkinson's Disease. <i>Journal of Neuroscience</i> , 2017, 37, 9361-9379.	3.6	26
3	MicroRNA-132 and early growth response-1 in nucleus basalis of Meynert during the course of Alzheimer's disease. <i>Brain</i> , 2016, 139, 908-921.	7.6	62
4	Comparison of Mouse and Human Retinal Pigment Epithelium Gene Expression Profiles: Potential Implications for Age-Related Macular Degeneration. <i>PLoS ONE</i> , 2015, 10, e0141597.	2.5	47
5	Loss of GPR3 reduces the amyloid plaque burden and improves memory in Alzheimer's disease mouse models. <i>Science Translational Medicine</i> , 2015, 7, 309ra164.	12.4	61
6	The storm before the quiet: neuronal hyperactivity and A $\beta$ in the presymptomatic stages of Alzheimer's disease. <i>Neurobiology of Aging</i> , 2015, 36, 1-11.	3.1	107
7	Increasing membrane cholesterol of neurons in culture recapitulates Alzheimer's disease early phenotypes. <i>Molecular Neurodegeneration</i> , 2014, 9, 60.	10.8	76
8	Isolation of glia from Alzheimer's mice reveals inflammation and dysfunction. <i>Neurobiology of Aging</i> , 2014, 35, 2746-2760.	3.1	317
9	Acute isolation and transcriptome characterization of cortical astrocytes and microglia from young and aged mice. <i>Neurobiology of Aging</i> , 2014, 35, 1-14.	3.1	286
10	Cortical beta amyloid protein triggers an immune response, but no synaptic changes in the APP <sup>swe</sup> /PS1 <sup>dE9</sup> Alzheimer's disease mouse model. <i>Neurobiology of Aging</i> , 2013, 34, 1328-1342.	3.1	68
11	Early Molecular Changes in Alzheimer Disease: Can We Catch the Disease in its Presymptomatic Phase?. <i>Journal of Alzheimer's Disease</i> , 2013, 38, 719-740.	2.6	40
12	$\beta$ -Arrestin1 regulates $\beta$ -secretase complex assembly and modulates amyloid- $\beta$ pathology. <i>Cell Research</i> , 2013, 23, 351-365.	12.0	61
13	Reduced expression of hsa-miR-27a-3p in CSF of patients with Alzheimer disease. <i>Neurology</i> , 2013, 81, 2103-2106.	1.1	139
14	Modeling early Parkinson's disease pathology with chronic low dose MPTP treatment. <i>Restorative Neurology and Neuroscience</i> , 2013, 31, 155-167.	0.7	28
15	Alteration of the microRNA network during the progression of Alzheimer's disease. <i>EMBO Molecular Medicine</i> , 2013, 5, 1613-1634.	6.9	408
16	Phenotypic Characterization of Retinoic Acid Differentiated SH-SY5Y Cells by Transcriptional Profiling. <i>PLoS ONE</i> , 2013, 8, e63862.	2.5	185
17	Microarray and Morphological Analysis of Early Postnatal CRB2 Mutant Retinas on a Pure C57BL/6J Genetic Background. <i>PLoS ONE</i> , 2013, 8, e82532.	2.5	35
18	A novel peptidomics approach to detect markers of Alzheimer's disease in cerebrospinal fluid. <i>Methods</i> , 2012, 56, 500-507.	3.8	46

#	ARTICLE	IF	CITATIONS
19	Alterations in the histaminergic system in the substantia nigra and striatum of Parkinson's patients: a postmortem study. <i>Neurobiology of Aging</i> , 2012, 33, 1488.e1-1488.e13.	3.1	56
20	Alterations in the histaminergic system in Alzheimer's disease: a postmortem study. <i>Neurobiology of Aging</i> , 2012, 33, 2585-2598.	3.1	64
21	Gene Expression and Functional Annotation of the Human Ciliary Body Epithelia. <i>PLoS ONE</i> , 2012, 7, e44973.	2.5	32
22	Neurosteroid biosynthetic pathways changes in prefrontal cortex in Alzheimer's disease. <i>Neurobiology of Aging</i> , 2011, 32, 1964-1976.	3.1	94
23	A meta-analysis of microarray-based gene expression studies of olfactory bulb-derived olfactory ensheathing cells. <i>Experimental Neurology</i> , 2011, 229, 10-45.	4.1	28
24	Intensity-based analysis of dual-color gene expression data as an alternative to ratio-based analysis to enhance reproducibility. <i>BMC Genomics</i> , 2010, 11, 112.	2.8	17
25	Neurosteroid Biosynthetic Pathway Changes in Substantia Nigra and Caudate Nucleus in Parkinson's Disease. <i>Brain Pathology</i> , 2010, 20, 945-951.	4.1	60
26	Concerted changes in transcripts in the prefrontal cortex precede neuropathology in Alzheimer's disease. <i>Brain</i> , 2010, 133, 3699-3723.	7.6	203
27	Analysis of Gene Expression in Parkinson's Disease: Possible Involvement of Neurotrophic Support and Axon Guidance in Dopaminergic Cell Death. <i>Brain Pathology</i> , 2009, 19, 91-107.	4.1	159