

Inge R Holtman

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2275820/publications.pdf>

Version: 2024-02-01

25
papers

4,572
citations

361045

20
h-index

580395

25
g-index

28
all docs

28
docs citations

28
times ranked

7671
citing authors

#	ARTICLE	IF	CITATIONS
1	An environment-dependent transcriptional network specifies human microglia identity. <i>Science</i> , 2017, 356, .	6.0	911
2	Transcriptomic analysis of purified human cortical microglia reveals age-associated changes. <i>Nature Neuroscience</i> , 2017, 20, 1162-1171.	7.1	575
3	Brain cell type-specific enhancer-promoter interactome maps and disease risk association. <i>Science</i> , 2019, 366, 1134-1139.	6.0	486
4	Induction of a common microglia gene expression signature by aging and neurodegenerative conditions: a co-expression meta-analysis. <i>Acta Neuropathologica Communications</i> , 2015, 3, 31.	2.4	473
5	A novel microglial subset plays a key role in myelinogenesis in developing brain. <i>EMBO Journal</i> , 2017, 36, 3292-3308.	3.5	375
6	Glioma-Associated Microglia/Macrophages Display an Expression Profile Different from M1 and M2 Polarization and Highly Express <i>Gpnmb</i> and <i>Spp1</i> . <i>PLoS ONE</i> , 2015, 10, e0116644.	1.1	317
7	Immune hyperreactivity of A β 2 plaque-associated microglia in Alzheimer's disease. <i>Neurobiology of Aging</i> , 2017, 55, 115-122.	1.5	205
8	Analysis of Genetically Diverse Macrophages Reveals Local and Domain-wide Mechanisms that Control Transcription Factor Binding and Function. <i>Cell</i> , 2018, 173, 1796-1809.e17.	13.5	165
9	Transcriptional control of microglia phenotypes in health and disease. <i>Journal of Clinical Investigation</i> , 2017, 127, 3220-3229.	3.9	150
10	Increased White Matter Inflammation in Aging- and Alzheimer's Disease Brain. <i>Frontiers in Molecular Neuroscience</i> , 2017, 10, 206.	1.4	136
11	Next generation transcriptomics and genomics elucidate biological complexity of microglia in health and disease. <i>Glia</i> , 2016, 64, 197-213.	2.5	112
12	Priming of microglia in a DNA-repair deficient model of accelerated aging. <i>Neurobiology of Aging</i> , 2014, 35, 2147-2160.	1.5	111
13	Identification of a conserved and acute neurodegeneration-specific microglial transcriptome in the zebrafish. <i>Glia</i> , 2017, 65, 138-149.	2.5	104
14	Diet-regulated production of PDGF α by macrophages controls energy storage. <i>Science</i> , 2021, 373, .	6.0	84
15	CD14 is a key organizer of microglial responses to CNS infection and injury. <i>Glia</i> , 2016, 64, 635-649.	2.5	69
16	Enhanced microglial pro-inflammatory response to lipopolysaccharide correlates with brain infiltration and blood-brain barrier dysregulation in a mouse model of telomere shortening. <i>Aging Cell</i> , 2015, 14, 1003-1013.	3.0	54
17	Glia Open Access Database (GOAD): A comprehensive gene expression encyclopedia of glia cells in health and disease. <i>Glia</i> , 2015, 63, 1495-1506.	2.5	53
18	Lymphocryptovirus Infection of Nonhuman Primate B Cells Converts Destructive into Productive Processing of the Pathogenic CD8 T Cell Epitope in Myelin Oligodendrocyte Glycoprotein. <i>Journal of Immunology</i> , 2016, 197, 1074-1088.	0.4	41

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19	Telomere shortening leads to an acceleration of synucleinopathy and impaired microglia response in a genetic mouse model. <i>Acta Neuropathologica Communications</i> , 2016, 4, 87.	2.4	40
20	Heritability Enrichment Implicates Microglia in Parkinson's Disease Pathogenesis. <i>Annals of Neurology</i> , 2021, 89, 942-951.	2.8	35
21	Mechanisms underlying divergent responses of genetically distinct macrophages to IL-4. <i>Science Advances</i> , 2021, 7, .	4.7	29
22	Identification of highly connected hub genes in the protective response program of human macrophages and microglia activated by alpha Bâ€crystallin. <i>Glia</i> , 2017, 65, 460-473.	2.5	16
23	Type I interferonâ€activated microglia are critical for neuromyelitis optica pathology. <i>Glia</i> , 2021, 69, 943-953.	2.5	11
24	Aging, microglia and cytoskeletal regulation are key factors in the pathological evolution of the APP23 mouse model for Alzheimer's disease. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2017, 1863, 395-405.	1.8	9
25	Dissecting the limited genetic overlap of Parkinson's and Alzheimer's disease. <i>Annals of Clinical and Translational Neurology</i> , 2022, 9, 1289-1295.	1.7	8