Erik W Boddeke

List of Publications by Year
in descending order

38 papers	6,981 citations	279701 23 h-index	345118 36 g-index
39 all docs	39 docs citations	39 times ranked	12773 citing authors

#	Article	IF	Citations
1	Epigenetic regulation of innate immune memory in microglia. Journal of Neuroinflammation, 2022, 19, 111.	3.1	30
2	Transcriptomic and epigenomic landscapes of Alzheimer's disease evidence mitochondrial-related pathways. Biochimica Et Biophysica Acta - Molecular Cell Research, 2022, 1869, 119326.	1.9	14
3	Intrinsic <scp>DNA</scp> damage repair deficiency results in progressive microglia loss and replacement. Glia, 2021, 69, 729-745.	2.5	15
4	Regionally diverse astrocyte subtypes and their heterogeneous response to EAE. Glia, 2021, 69, 1140-1154.	2.5	31
5	The effects of postmortem delay on mouse and human microglia gene expression. Glia, 2021, 69, 1053-1060.	2.5	10
6	Systemic administration of Î²-glucan induces immune training in microglia. Journal of Neuroinflammation, 2021, 18, 57.	3.1	27
7	Transcriptional profiling of microglia; current state of the art and future perspectives. Glia, 2020, 68, 740-755.	2.5	90
8	Neuroprotection by Insulin-like Growth Factor-1 in Rats with Ischemic Stroke is Associated with Microglial Changes and a Reduction in Neuroinflammation. Neuroscience, 2020, 426, 101-114.	1.1	28
9	Profiling Microglia From Alzheimerâ€™s Disease Donors and Non-demented Elderly in Acute Human Postmortem Cortical Tissue. Frontiers in Molecular Neuroscience, 2020, 13, 134.	1.4	51
10	Microglia alterations in neurodegenerative diseases and their modeling with human induced pluripotent stem cell and other platforms. Progress in Neurobiology, 2020, 190, 101805.	2.8	35
11	Insulin-Like Growth Factor-1 Is Neuroprotective in Aged Rats With Ischemic Stroke. Frontiers in Aging Neuroscience, 2019, 11, 349.	1.7	25
12	Regulation of Microglia Identity from an Epigenetic and Transcriptomic Point of View. Neuroscience, 2019, 405, 3-13.	1.1	17
13	Low-Fat Diet With Caloric Restriction Reduces White Matter Microglia Activation During Aging. Frontiers in Molecular Neuroscience, 2018, 11, 65.	1.4	35
14	The Kaleidoscope of Microglial Phenotypes. Frontiers in Immunology, 2018, 9, 1753.	2.2	221
15	Isolation of Microglia and Immune Infiltrates from Mouse and Primate Central Nervous System. Methods in Molecular Biology, 2017, 1559, 333-342.	0.4	52
16	Progressive Motor Deficit is Mediated by the Denervation of Neuromuscular Junctions and Axonal Degeneration in Transgenic Mice Expressing Mutant (P301S) Tau Protein. Journal of Alzheimer's Disease, 2017, 60, S41-S57.	1.2	21
17	Microtubuleâ€regulating proteins and cAMPâ€dependent signaling in neuroblastoma differentiation. Cytoskeleton, 2017, 74, 143-158.	1.0	10
18	Immune hyperreactivity of AÎ² plaque-associated microglia in Alzheimer's disease. Neurobiology of Aging, 2017, 55, 115-122.	1.5	205

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19	Maternal inflammation induces immune activation of fetal microglia and leads to disrupted microglia immune responses, behavior, and learning performance in adulthood. Neurobiology of Disease, 2017, 106, 291-300.	2.1	84
20	Cover Image, Volume 74, Issue 3. Cytoskeleton, 2017, 74, C4-C4.	1.0	0
21	Transcriptomic analysis of purified human cortical microglia reveals age-associated changes. Nature Neuroscience, 2017, 20, 1162-1171.	7.1	575
22	Identification of a conserved and acute neurodegenerationâ€specific microglial transcriptome in the zebrafish. Glia, 2017, 65, 138-149.	2.5	104
23	Increased White Matter Inflammation in Aging- and Alzheimerâ€™s Disease Brain. Frontiers in Molecular Neuroscience, 2017, 10, 206.	1.4	136
24	Microglia replenished OHSC: A culture system to study in vivo like adult microglia. Glia, 2016, 64, 1285-1297.	2.5	35
25	P1â€156: Abeta Plaqueâ€Associated Microglia Priming in Alzheimer's Disease. Alzheimer's and Dementia, 2016, 12, P462.	0.4	0
26	Survival and Functionality of Human Induced Pluripotent Stem Cell-Derived Oligodendrocytes in a Nonhuman Primate Model for Multiple Sclerosis. Stem Cells Translational Medicine, 2016, 5, 1550-1561.	1.6	57
27	Telomere shortening leads to an acceleration of synucleinopathy and impaired microglia response in a genetic mouse model. Acta Neuropathologica Communications, 2016, 4, 87.	2.4	40
28	Central nervous system myeloid cells as drug targets: current status and translational challenges. Nature Reviews Drug Discovery, 2016, 15, 110-124.	21.5	97
29	Next generation transcriptomics and genomics elucidate biological complexity of microglia in health and disease. Glia, 2016, 64, 197-213.	2.5	112
30	Induction of a common microglia gene expression signature by aging and neurodegenerative conditions: a co-expression meta-analysis. Acta Neuropathologica Communications, 2015, 3, 31.	2.4	473
31	Multipotent stem cell factor UCS148 is a marker for tanycytes in the adult hypothalamus. Molecular and Cellular Neurosciences, 2015, 65, 21-30.	1.0	12
32	Neuroinflammation in Alzheimer's disease. Lancet Neurology, The, 2015, 14, 388-405.	4.9	4,129
33	Exchange Protein Directly Activated by cAMP (EPAC) Regulates Neuronal Polarization through Rap1B. Journal of Neuroscience, 2015, 35, 11315-11329.	1.7	28
34	Elevated mutant dynorphin A causes Purkinje cell loss and motor dysfunction in spinocerebellar ataxia type 23. Brain, 2015, 138, 2537-2552.	3.7	34
35	Functional Analysis Helps to Define KCNC3 Mutational Spectrum in Dutch Ataxia Cases. PLoS ONE, 2015, 10, e0116599.	1.1	26
36	Neuronal CC chemokines: the distinct roles of CCL21 and CCL2 in neuropathic pain. Frontiers in Cellular Neuroscience, 2014, 8, 210.	1.8	64

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37	Overexpression of Polysialylated Neural Cell Adhesion Molecule Improves the Migration Capacity of Induced Pluripotent Stem Cell-Derived Oligodendrocyte Precursors. Stem Cells Translational Medicine, 2014, 3, 1100-1109.	1.6	19
38	Detailed Analysis of the Genetic and Epigenetic Signatures of iPSC-Derived Mesodiencephalic Dopaminergic Neurons. Stem Cell Reports, 2014, 2, 520-533.	2.3	38