

Erik W Boddeke

List of Publications by Year in descending order

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Version: 2024-02-01

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	Neuroinflammation in Alzheimer's disease. <i>Lancet Neurology</i> , The, 2015, 14, 388-405.	4.9	4,129
2	Transcriptomic analysis of purified human cortical microglia reveals age-associated changes. <i>Nature Neuroscience</i> , 2017, 20, 1162-1171.	7.1	575
3	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
4	The Kaleidoscope of Microglial Phenotypes. <i>Frontiers in Immunology</i> , 2018, 9, 1753.	2.2	221
5	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
6	Increased White Matter Inflammation in Aging- and Alzheimer's Disease Brain. <i>Frontiers in Molecular Neuroscience</i> , 2017, 10, 206.	1.4	136
7	Next generation transcriptomics and genomics elucidate biological complexity of microglia in health and disease. <i>Glia</i> , 2016, 64, 197-213.	2.5	112
8	Identification of a conserved and acute neurodegeneration-specific microglial transcriptome in the zebrafish. <i>Glia</i> , 2017, 65, 138-149.	2.5	104
9	Central nervous system myeloid cells as drug targets: current status and translational challenges. <i>Nature Reviews Drug Discovery</i> , 2016, 15, 110-124.	21.5	97
10	Transcriptional profiling of microglia; current state of the art and future perspectives. <i>Glia</i> , 2020, 68, 740-755.	2.5	90
11	Maternal inflammation induces immune activation of fetal microglia and leads to disrupted microglia immune responses, behavior, and learning performance in adulthood. <i>Neurobiology of Disease</i> , 2017, 106, 291-300.	2.1	84
12	Neuronal CC chemokines: the distinct roles of CCL21 and CCL2 in neuropathic pain. <i>Frontiers in Cellular Neuroscience</i> , 2014, 8, 210.	1.8	64
13	Survival and Functionality of Human Induced Pluripotent Stem Cell-Derived Oligodendrocytes in a Nonhuman Primate Model for Multiple Sclerosis. <i>Stem Cells Translational Medicine</i> , 2016, 5, 1550-1561.	1.6	57
14	Isolation of Microglia and Immune Infiltrates from Mouse and Primate Central Nervous System. <i>Methods in Molecular Biology</i> , 2017, 1559, 333-342.	0.4	52
15	Profiling Microglia From Alzheimer's Disease Donors and Non-demented Elderly in Acute Human Postmortem Cortical Tissue. <i>Frontiers in Molecular Neuroscience</i> , 2020, 13, 134.	1.4	51
16	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
17	Detailed Analysis of the Genetic and Epigenetic Signatures of iPSC-Derived Mesodiencephalic Dopaminergic Neurons. <i>Stem Cell Reports</i> , 2014, 2, 520-533.	2.3	38
18	Microglia replenished OHSC: A culture system to study <i>in vivo</i> like adult microglia. <i>Glia</i> , 2016, 64, 1285-1297.	2.5	35

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19	Low-Fat Diet With Caloric Restriction Reduces White Matter Microglia Activation During Aging. <i>Frontiers in Molecular Neuroscience</i> , 2018, 11, 65.	1.4	35
20	Microglia alterations in neurodegenerative diseases and their modeling with human induced pluripotent stem cell and other platforms. <i>Progress in Neurobiology</i> , 2020, 190, 101805.	2.8	35
21	Elevated mutant dynorphin A causes Purkinje cell loss and motor dysfunction in spinocerebellar ataxia type 23. <i>Brain</i> , 2015, 138, 2537-2552.	3.7	34
22	Regionally diverse astrocyte subtypes and their heterogeneous response to EAE. <i>Glia</i> , 2021, 69, 1140-1154.	2.5	31
23	Epigenetic regulation of innate immune memory in microglia. <i>Journal of Neuroinflammation</i> , 2022, 19, 111.	3.1	30
24	Exchange Protein Directly Activated by cAMP (EPAC) Regulates Neuronal Polarization through Rap1B. <i>Journal of Neuroscience</i> , 2015, 35, 11315-11329.	1.7	28
25	Neuroprotection by Insulin-like Growth Factor-1 in Rats with Ischemic Stroke is Associated with Microglial Changes and a Reduction in Neuroinflammation. <i>Neuroscience</i> , 2020, 426, 101-114.	1.1	28
26	Systemic administration of β -glucan induces immune training in microglia. <i>Journal of Neuroinflammation</i> , 2021, 18, 57.	3.1	27
27	Functional Analysis Helps to Define KCNC3 Mutational Spectrum in Dutch Ataxia Cases. <i>PLoS ONE</i> , 2015, 10, e0116599.	1.1	26
28	Insulin-Like Growth Factor-1 Is Neuroprotective in Aged Rats With Ischemic Stroke. <i>Frontiers in Aging Neuroscience</i> , 2019, 11, 349.	1.7	25
29	Progressive Motor Deficit is Mediated by the Denervation of Neuromuscular Junctions and Axonal Degeneration in Transgenic Mice Expressing Mutant (P301S) Tau Protein. <i>Journal of Alzheimer's Disease</i> , 2017, 60, S41-S57.	1.2	21
30	Overexpression of Polysialylated Neural Cell Adhesion Molecule Improves the Migration Capacity of Induced Pluripotent Stem Cell-Derived Oligodendrocyte Precursors. <i>Stem Cells Translational Medicine</i> , 2014, 3, 1100-1109.	1.6	19
31	Regulation of Microglia Identity from an Epigenetic and Transcriptomic Point of View. <i>Neuroscience</i> , 2019, 405, 3-13.	1.1	17
32	Intrinsic DNA damage repair deficiency results in progressive microglia loss and replacement. <i>Glia</i> , 2021, 69, 729-745.	2.5	15
33	Transcriptomic and epigenomic landscapes of Alzheimer's disease evidence mitochondrial-related pathways. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2022, 1869, 119326.	1.9	14
34	Multipotent stem cell factor UGS148 is a marker for tanycytes in the adult hypothalamus. <i>Molecular and Cellular Neurosciences</i> , 2015, 65, 21-30.	1.0	12
35	Microtubule-regulating proteins and cAMP-dependent signaling in neuroblastoma differentiation. <i>Cytoskeleton</i> , 2017, 74, 143-158.	1.0	10
36	The effects of postmortem delay on mouse and human microglia gene expression. <i>Glia</i> , 2021, 69, 1053-1060.	2.5	10

#	ARTICLE	IF	CITATIONS
37	P1156: Abeta Plaque-Associated Microglia Priming in Alzheimer's Disease. Alzheimer's and Dementia, 2016, 12, P462.	0.4	0
38	Cover Image, Volume 74, Issue 3. Cytoskeleton, 2017, 74, C4-C4.	1.0	0