

Thomas MÃ¶ller

List of Publications by Year in descending order

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Version: 2024-02-01

28
papers

3,457
citations

279701

23
h-index

477173

29
g-index

29
all docs

29
docs citations

29
times ranked

6155
citing authors

#	ARTICLE	IF	CITATIONS
1	The Major Risk Factors for Alzheimer's Disease: Age, Sex, and Genes Modulate the Microglia Response to A β Plaques. <i>Cell Reports</i> , 2019, 27, 1293-1306.e6.	2.9	527
2	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
3	Microglia Biology in Health and Disease. <i>Journal of NeuroImmune Pharmacology</i> , 2006, 1, 127-137.	2.1	439
4	Microglia in ischemic brain injury. <i>Future Neurology</i> , 2010, 5, 227-246.	0.9	238
5	Dysregulated miRNA biogenesis downstream of cellular stress and ALS-causing mutations: a new mechanism for ALS. <i>EMBO Journal</i> , 2015, 34, 2633-2651.	3.5	176
6	Distinct amyloid- β and tau-associated microglia profiles in Alzheimer's disease. <i>Acta Neuropathologica</i> , 2021, 141, 681-696.	3.9	167
7	Thrombin-Induced Activation of Cultured Rodent Microglia. <i>Journal of Neurochemistry</i> , 2002, 75, 1539-1547.	2.1	161
8	Neuroinflammation in Huntington's disease. <i>Journal of Neural Transmission</i> , 2010, 117, 1001-1008.	1.4	154
9	miR-155 Promotes T Follicular Helper Cell Accumulation during Chronic, Low-Grade Inflammation. <i>Immunity</i> , 2014, 41, 605-619.	6.6	145
10	Critical data-based reevaluation of minocycline as a putative specific microglia inhibitor. <i>Glia</i> , 2016, 64, 1788-1794.	2.5	137
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	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
13	Calcium signaling in microglial cells. <i>Glia</i> , 2002, 40, 184-194.	2.5	87
14	The p53 Transcription Factor Modulates Microglia Behavior through MicroRNA-Dependent Regulation of c-Maf. <i>Journal of Immunology</i> , 2014, 192, 358-366.	0.4	80
15	Activation of mitogen-activated protein kinase by muscarinic receptors in astroglial cells: Role in DNA synthesis and effect of ethanol. <i>Glia</i> , 2001, 35, 111-120.	2.5	54
16	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
17	Ischemia/Reperfusion Induces Interferon-Stimulated Gene Expression in Microglia. <i>Journal of Neuroscience</i> , 2017, 37, 8292-8308.	1.7	50
18	Human genetics and neuropathology suggest a link between miR-218 and amyotrophic lateral sclerosis pathophysiology. <i>Science Translational Medicine</i> , 2019, 11, .	5.8	37

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19	Microglia Cell Culture: A Primer for the Novice. <i>Methods in Molecular Biology</i> , 2011, 758, 49-66.	0.4	35
20	IgM-Dependent Phagocytosis in Microglia Is Mediated by Complement Receptor 3, Not Fc γ 1/4 Receptor. <i>Journal of Immunology</i> , 2015, 195, 5309-5317.	0.4	33
21	Activation of Microglial Cells by Thrombin: Past, Present, and Future. <i>Seminars in Thrombosis and Hemostasis</i> , 2006, 32, 069-076.	1.5	31
22	K _{Ca} 3.1—a microglial target ready for drug repurposing?. <i>Glia</i> , 2016, 64, 1733-1741.	2.5	31
23	Regulation of Fc γ 3 receptors and immunoglobulin G-mediated phagocytosis in mouse microglia. <i>Neuroscience Letters</i> , 2009, 464, 29-33.	1.0	28
24	Microglial Drug Targets in AD: Opportunities and Challenges in Drug Discovery and Development. <i>Frontiers in Pharmacology</i> , 2019, 10, 840.	1.6	25
25	Unraveling thrombin's true microglia-activating potential: markedly disparate profiles of pharmaceutical-grade and commercial-grade thrombin preparations. <i>Journal of Neurochemistry</i> , 2005, 95, 1177-1187.	2.1	24
26	Glial cells as drug targets: What does it take?. <i>Glia</i> , 2016, 64, 1742-1754.	2.5	24
27	Ischemic preconditioning induces cortical microglial proliferation and a transcriptomic program of robust cell cycle activation. <i>Glia</i> , 2020, 68, 76-94.	2.5	21
28	Senicapoc: Repurposing a Drug to Target Microglia KCa3.1 in Stroke. <i>Neurochemical Research</i> , 2017, 42, 2639-2645.	1.6	17