

# Lasse Dissing-Olesen

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10480761/publications.pdf>

Version: 2024-02-01

20  
papers

4,471  
citations

394421

19  
h-index

752698

20  
g-index

21  
all docs

21  
docs citations

21  
times ranked

7087  
citing authors

#	ARTICLE	IF	CITATIONS
1	Dissection of artifactual and confounding glial signatures by single-cell sequencing of mouse and human brain. <i>Nature Neuroscience</i> , 2022, 25, 306-316.	14.8	166
2	Microglial depletion disrupts normal functional development of adult-born neurons in the olfactory bulb. <i>ELife</i> , 2020, 9, .	6.0	35
3	Microglia Express Insulin-Like Growth Factor-1 in the Hippocampus of Aged APP <sup>swe</sup> /PS1 <sup>E9</sup> Transgenic Mice. <i>Frontiers in Cellular Neuroscience</i> , 2019, 13, 308.	3.7	24
4	Neuron-Glia Signaling in Synapse Elimination. <i>Annual Review of Neuroscience</i> , 2019, 42, 107-127.	10.7	224
5	Nanoscale Surveillance of the Brain by Microglia via cAMP-Regulated Filopodia. <i>Cell Reports</i> , 2019, 27, 2895-2908.e4.	6.4	149
6	Single-Cell RNA Sequencing of Microglia throughout the Mouse Lifespan and in the Injured Brain Reveals Complex Cell-State Changes. <i>Immunity</i> , 2019, 50, 253-271.e6.	14.3	1,351
7	Ca <sup>2+</sup> transients in astrocyte fine processes occur via Ca <sup>2+</sup> influx in the adult mouse hippocampus. <i>Glia</i> , 2016, 64, 2093-2103.	4.9	120
8	New insights on the role of microglia in synaptic pruning in health and disease. <i>Current Opinion in Neurobiology</i> , 2016, 36, 128-134.	4.2	431
9	Cytokine-producing microglia have an altered beta-amyloid load in aged APP/PS1 Tg mice. <i>Brain, Behavior, and Immunity</i> , 2015, 48, 86-101.	4.1	102
10	The Cellular Mechanisms of Neuronal Swelling Underlying Cytotoxic Edema. <i>Cell</i> , 2015, 161, 610-621.	28.9	197
11	Fixation and Immunolabeling of Brain Slices: SNAPSHOT Method. <i>Current Protocols in Neuroscience</i> , 2015, 71, 1.23.1-1.23.12.	2.6	16
12	New Brain Lymphatic Vessels Drain Old Concepts. <i>EBioMedicine</i> , 2015, 2, 776-777.	6.1	21
13	Microglia: Dynamic Mediators of Synapse Development and Plasticity. <i>Trends in Immunology</i> , 2015, 36, 605-613.	6.8	537
14	Activation of Neuronal NMDA Receptors Triggers Transient ATP-Mediated Microglial Process Outgrowth. <i>Journal of Neuroscience</i> , 2014, 34, 10511-10527.	3.6	229
15	Microglial CR3 Activation Triggers Long-Term Synaptic Depression in the Hippocampus via NADPH Oxidase. <i>Neuron</i> , 2014, 82, 195-207.	8.1	199
16	Cognitive flexibility and long-term depression (LTD) are impaired following $\beta$ -catenin stabilization in vivo. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 8631-8636.	7.1	75
17	The Function of the Human Interferon- $\beta$ Glycan Determined in Vivo. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2008, 326, 338-347.	2.5	37
18	Population Control of Resident and Immigrant Microglia by Mitosis and Apoptosis. <i>American Journal of Pathology</i> , 2007, 171, 617-631.	3.8	74

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19	Toll-Like Receptor 2 Signaling in Response to Brain Injury: An Innate Bridge to Neuroinflammation. <i>Journal of Neuroscience</i> , 2006, 26, 12826-12837.	3.6	195
20	Microglial cell population dynamics in the injured adult central nervous system. <i>Brain Research Reviews</i> , 2005, 48, 196-206.	9.0	289