

Kanchan Bisht

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

2,378
citations

394421

19
h-index

642732

23
g-index

28
all docs

28
docs citations

28
times ranked

3590
citing authors

#	ARTICLE	IF	CITATIONS
1	Microglia across the lifespan: from origin to function in brain development, plasticity and cognition. <i>Journal of Physiology</i> , 2017, 595, 1929-1945.	2.9	396
2	Dark microglia: A new phenotype predominantly associated with pathological states. <i>Glia</i> , 2016, 64, 826-839.	4.9	325
3	Chronic stress as a risk factor for Alzheimer's disease: Roles of microglia-mediated synaptic remodeling, inflammation, and oxidative stress. <i>Neurobiology of Stress</i> , 2018, 9, 9-21.	4.0	255
4	Fractalkine regulation of microglial physiology and consequences on the brain and behavior. <i>Frontiers in Cellular Neuroscience</i> , 2014, 8, 129.	3.7	240
5	Fractalkine receptor deficiency impairs microglial and neuronal responsiveness to chronic stress. <i>Brain, Behavior, and Immunity</i> , 2016, 55, 114-125.	4.1	192
6	miR-132/212 deficiency impairs tau metabolism and promotes pathological aggregation <i>in vivo</i> . <i>Human Molecular Genetics</i> , 2015, 24, 6721-6735.	2.9	177
7	Immune Monitoring of Trans-endothelial Transport by Kidney-Resident Macrophages. <i>Cell</i> , 2016, 166, 991-1003.	28.9	154
8	Capillary-associated microglia regulate vascular structure and function through PANX1-P2RY12 coupling in mice. <i>Nature Communications</i> , 2021, 12, 5289.	12.8	131
9	Ultrastructural evidence of microglial heterogeneity in Alzheimer's disease amyloid pathology. <i>Journal of Neuroinflammation</i> , 2019, 16, 87.	7.2	73
10	Environmental stimuli shape microglial plasticity in glioma. <i>ELife</i> , 2017, 6, .	6.0	51
11	Reduced Microglial Activity and Enhanced Glutamate Transmission in the Basolateral Amygdala in Early CNS Autoimmunity. <i>Journal of Neuroscience</i> , 2018, 38, 9019-9033.	3.6	47
12	Remodeling of lipid bodies by docosahexaenoic acid in activated microglial cells. <i>Journal of Neuroinflammation</i> , 2016, 13, 116.	7.2	42
13	Microglia under psychosocial stressors along the aging trajectory: Consequences on neuronal circuits, behavior, and brain diseases. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2017, 79, 27-39.	4.8	42
14	Correlative Light and Electron Microscopy to Study Microglial Interactions with β -Amyloid Plaques. <i>Journal of Visualized Experiments</i> , 2016, . .	0.3	39
15	Delta Opioid Receptor Signaling Promotes Resilience to Stress Under the Repeated Social Defeat Paradigm in Mice. <i>Frontiers in Molecular Neuroscience</i> , 2018, 11, 100.	2.9	36
16	Dark microglia: Why are they dark?. <i>Communicative and Integrative Biology</i> , 2016, 9, e1230575.	1.4	35
17	Immunofluorescence Staining Using IBA1 and TMEM119 for Microglial Density, Morphology and Peripheral Myeloid Cell Infiltration Analysis in Mouse Brain. <i>Journal of Visualized Experiments</i> , 2019, . .	0.3	31
18	Microglial-glucocorticoid receptor depletion alters the response of hippocampal microglia and neurons in a chronic unpredictable mild stress paradigm in female mice. <i>Brain, Behavior, and Immunity</i> , 2021, 97, 423-439.	4.1	31

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19	Sex Differences of Microglia and Synapses in the Hippocampal Dentate Gyrus of Adult Mouse Offspring Exposed to Maternal Immune Activation. <i>Frontiers in Cellular Neuroscience</i> , 2020, 14, 558181.	3.7	27
20	Microglia in the developing prefrontal cortex of rats show dynamic changes following neonatal disconnection of the ventral hippocampus. <i>Neuropharmacology</i> , 2019, 146, 264-275.	4.1	19
21	Microglia contribute to social behavioral adaptation to chronic stress. <i>Glia</i> , 2021, 69, 2459-2473.	4.9	19
22	A Comparative Biology of Microglia Across Species. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 652748.	3.7	11
23	Precise Brain Mapping to Perform Repetitive In Vivo Imaging of Neuro-Immune Dynamics in Mice. <i>Journal of Visualized Experiments</i> , 2020, , .	0.3	5
24	P.709 Ketogenic diet modulates microglial properties at steady-state and promotes resilience to repeated social defeat stress in adult mice. <i>European Neuropsychopharmacology</i> , 2020, 40, S403-S404.	0.7	0
25	C3VFC: A Method for Tracing and Quantification of Microglia in 3D Temporal Images. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 6078.	2.5	0
26	VBET: Vesselness and Blob Enhancement Technique for 2d and 3d microscopy images of microglia. , 2020, , .		0