Kanchan Bisht

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/3629066/publications.pdf

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26	2,378	394421	642732
papers	citations	19 h-index	23 g-index

28	28	28	3590
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A Comparative Biology of Microglia Across Species. Frontiers in Cell and Developmental Biology, 2021, 9, 652748.	3.7	11
2	C3VFC: A Method for Tracing and Quantification of Microglia in 3D Temporal Images. Applied Sciences (Switzerland), 2021, 11, 6078.	2.5	0
3	Microglia contribute to social behavioral adaptation to chronic stress. Glia, 2021, 69, 2459-2473.	4.9	19
4	Capillary-associated microglia regulate vascular structure and function through PANX1-P2RY12 coupling in mice. Nature Communications, 2021, 12, 5289.	12.8	131
5	Microglial-glucocorticoid receptor depletion alters the response of hippocampal microglia and neurons in a chronic unpredictable mild stress paradigm in female mice. Brain, Behavior, and Immunity, 2021, 97, 423-439.	4.1	31
6	Sex Differences of Microglia and Synapses in the Hippocampal Dentate Gyrus of Adult Mouse Offspring Exposed to Maternal Immune Activation. Frontiers in Cellular Neuroscience, 2020, 14, 558181.	3.7	27
7	P.709 Ketogenic diet modulates microglial properties at steady-state and promotes resilience to repeated social defeat stress in adult mice. European Neuropsychopharmacology, 2020, 40, S403-S404.	0.7	0
8	Precise Brain Mapping to Perform Repetitive In Vivo Imaging of Neuro-Immune Dynamics in Mice. Journal of Visualized Experiments, 2020, , .	0.3	5
9	VBET: Vesselness and Blob Enhancement Technique for 2d and 3d microscopy images of microglia. , 2020, , .		0
10	Immunofluorescence Staining Using IBA1 and TMEM119 for Microglial Density, Morphology and Peripheral Myeloid Cell Infiltration Analysis in Mouse Brain. Journal of Visualized Experiments, 2019, , .	0.3	31
11	Ultrastructural evidence of microglial heterogeneity in Alzheimerâ€™s disease amyloid pathology. Journal of Neuroinflammation, 2019, 16, 87.	7.2	73
12	Microglia in the developing prefrontal cortex of rats show dynamic changes following neonatal disconnection of the ventral hippocampus. Neuropharmacology, 2019, 146, 264-275.	4.1	19
13	Reduced Microglial Activity and Enhanced Glutamate Transmission in the Basolateral Amygdala in Early CNS Autoimmunity. Journal of Neuroscience, 2018, 38, 9019-9033.	3.6	47
14	Chronic stress as a risk factor for Alzheimer's disease: Roles of microglia-mediated synaptic remodeling, inflammation, and oxidative stress. Neurobiology of Stress, 2018, 9, 9-21.	4.0	255
15	Delta Opioid Receptor Signaling Promotes Resilience to Stress Under the Repeated Social Defeat Paradigm in Mice. Frontiers in Molecular Neuroscience, 2018, 11, 100.	2.9	36
16	Microglia across the lifespan: from origin to function in brain development, plasticity and cognition. Journal of Physiology, 2017, 595, 1929-1945.	2.9	396
17	Microglia under psychosocial stressors along the aging trajectory: Consequences on neuronal circuits, behavior, and brain diseases. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2017, 79, 27-39.	4.8	42
18	Environmental stimuli shape microglial plasticity in glioma. ELife, 2017, 6, .	6.0	51

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19	Remodeling of lipid bodies by docosahexaenoic acid in activated microglial cells. Journal of Neuroinflammation, 2016, 13, 116.	7.2	42
20	Dark microglia: Why are they dark?. Communicative and Integrative Biology, 2016, 9, e1230575.	1.4	35
21	Dark microglia: A new phenotype predominantly associated with pathological states. Glia, 2016, 64, 826-839.	4.9	325
22	Immune Monitoring of Trans-endothelial Transport by Kidney-Resident Macrophages. Cell, 2016, 166, 991-1003.	28.9	154
23	Correlative Light and Electron Microscopy to Study Microglial Interactions with β-Amyloid Plaques. Journal of Visualized Experiments, 2016, , .	0.3	39
24	Fractalkine receptor deficiency impairs microglial and neuronal responsiveness to chronic stress. Brain, Behavior, and Immunity, 2016, 55, 114-125.	4.1	192
25	miR-132/212 deficiency impairs tau metabolism and promotes pathological aggregationin vivo. Human Molecular Genetics, 2015, 24, 6721-6735.	2.9	177
26	Fractalkine regulation of microglial physiology and consequences on the brain and behavior. Frontiers in Cellular Neuroscience, 2014, 8, 129.	3.7	240