

# Charlotte Madore

## List of Publications by Year in descending order

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Version: 2024-02-01

26  
papers

3,736  
citations

361413  
20  
h-index

552781  
26  
g-index

27  
all docs

27  
docs citations

27  
times ranked

6228  
citing authors

#	ARTICLE	IF	CITATIONS
1	The TREM2-APOE Pathway Drives the Transcriptional Phenotype of Dysfunctional Microglia in Neurodegenerative Diseases. <i>Immunity</i> , 2017, 47, 566-581.e9.	14.3	1,741
2	<scp>TREM</scp>2 deficiency impairs chemotaxis and microglial responses to neuronal injury. <i>EMBO Reports</i> , 2017, 18, 1186-1198.	4.5	240
3	Microglia, Lifestyle Stress, and Neurodegeneration. <i>Immunity</i> , 2020, 52, 222-240.	14.3	174
4	Selective removal of astrocytic APOE4 strongly protects against tau-mediated neurodegeneration and decreases synaptic phagocytosis by microglia. <i>Neuron</i> , 2021, 109, 1657-1674.e7.	8.1	151
5	Early life stress perturbs the maturation of microglia in the developing hippocampus. <i>Brain, Behavior, and Immunity</i> , 2016, 57, 79-93.	4.1	139
6	Microglia in neuronal plasticity: Influence of stress. <i>Neuropharmacology</i> , 2015, 96, 19-28.	4.1	122
7	Nutritional n-3 PUFAs deficiency during perinatal periods alters brain innate immune system and neuronal plasticity-associated genes. <i>Brain, Behavior, and Immunity</i> , 2014, 41, 22-31.	4.1	119
8	Neuropathobiology of COVID-19: The Role for Glia. <i>Frontiers in Cellular Neuroscience</i> , 2020, 14, 592214.	3.7	119
9	Nutritional n-3 polyunsaturated fatty acids deficiency alters cannabinoid receptor signaling pathway in the brain and associated anxiety-like behavior in mice. <i>Journal of Physiology and Biochemistry</i> , 2012, 68, 671-681.	3.0	94
10	Neuroinflammation in Autism: Plausible Role of Maternal Inflammation, Dietary Omega 3, and Microbiota. <i>Neural Plasticity</i> , 2016, 2016, 1-15.	2.2	88
11	Opposite microglial activation stages upon loss of <scp>PGRN</scp> or <scp>TREM</scp> 2 result in reduced cerebral glucose metabolism. <i>EMBO Molecular Medicine</i> , 2019, 11, .	6.9	87
12	Differential contribution of microglia and monocytes in neurodegenerative diseases. <i>Journal of Neural Transmission</i> , 2018, 125, 809-826.	2.8	84
13	Complement 3+ astrocytes are highly abundant in prion diseases, but their abolishment led to an accelerated disease course and early dysregulation of microglia. <i>Acta Neuropathologica Communications</i> , 2019, 7, 83.	5.2	84
14	Dietary n-3 PUFAs Deficiency Increases Vulnerability to Inflammation-Induced Spatial Memory Impairment. <i>Neuropsychopharmacology</i> , 2015, 40, 2774-2787.	5.4	79
15	Transgenic Increase in n-3/n-6 Fatty Acid Ratio Protects Against Cognitive Deficits Induced by an Immune Challenge through Decrease of Neuroinflammation. <i>Neuropsychopharmacology</i> , 2015, 40, 525-536.	5.4	74
16	CSF1R signaling is a regulator of pathogenesis in progressive MS. <i>Cell Death and Disease</i> , 2020, 11, 904.	6.3	74
17	Microglial Phenotypes and Functions in Multiple Sclerosis. <i>Cold Spring Harbor Perspectives in Medicine</i> , 2018, 8, a028993.	6.2	73
18	The brain parenchyma has a type I interferon response that can limit virus spread. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E95-E104.	7.1	49

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19	Inhibition of colony stimulating factor 1 receptor corrects maternal inflammation-induced microglial and synaptic dysfunction and behavioral abnormalities. <i>Molecular Psychiatry</i> , 2021, 26, 1808-1831.	7.9	44
20	Loss of homeostatic microglial phenotype in CSF1R-related Leukoencephalopathy. <i>Acta Neuropathologica Communications</i> , 2020, 8, 72.	5.2	42
21	Activation of microglia by retroviral infection correlates with transient clearance of prions from the brain but does not change incubation time. <i>Brain Pathology</i> , 2017, 27, 590-602.	4.1	19
22	The microbiota restrains neurodegenerative microglia in a model of amyotrophic lateral sclerosis. <i>Microbiome</i> , 2022, 10, 47.	11.1	17
23	N-3 polyunsaturated fatty acid and neuroinflammation in aging and Alzheimer's disease. <i>Nutrition and Aging (Amsterdam, Netherlands)</i> , 2015, 3, 33-47.	0.3	13
24	Microglial confetti party. <i>Nature Neuroscience</i> , 2017, 20, 762-763.	14.8	4
25	TREMendous 2 Be Social. <i>Immunity</i> , 2018, 48, 842-843.	14.3	3
26	N-3 Polyunsaturated Fatty Acid and Neuroinflammation in Aging: Role in Cognition. <i>AAPS Advances in the Pharmaceutical Sciences Series</i> , 2014, , 91-112.	0.6	0