

# Michelle L Block

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

26

papers

8,593

citations

18

h-index

27

g-index

27

ext. papers

9,678

ext. citations

7.2

avg, IF

6.13

L-index

#	Paper	IF	Citations
26	Microglia-mediated neurotoxicity: uncovering the molecular mechanisms. <i>Nature Reviews Neuroscience</i> , <b>2007</b> , 8, 57-69	13.5	2906
25	Systemic LPS causes chronic neuroinflammation and progressive neurodegeneration. <i>Glia</i> , <b>2007</b> , 55, 453-62	13.3	1449
24	Microglia and inflammation-mediated neurodegeneration: multiple triggers with a common mechanism. <i>Progress in Neurobiology</i> , <b>2005</b> , 76, 77-98	10.9	1162
23	Air pollution: mechanisms of neuroinflammation and CNS disease. <i>Trends in Neurosciences</i> , <b>2009</b> , 32, 506-16	13.3	796
22	NADPH oxidase mediates lipopolysaccharide-induced neurotoxicity and proinflammatory gene expression in activated microglia. <i>Journal of Biological Chemistry</i> , <b>2004</b> , 279, 1415-21	5.4	467
21	The outdoor air pollution and brain health workshop. <i>NeuroToxicology</i> , <b>2012</b> , 33, 972-84	4.4	325
20	Diesel exhaust activates and primes microglia: air pollution, neuroinflammation, and regulation of dopaminergic neurotoxicity. <i>Environmental Health Perspectives</i> , <b>2011</b> , 119, 1149-55	8.4	234
19	Air pollution & the brain: Subchronic diesel exhaust exposure causes neuroinflammation and elevates early markers of neurodegenerative disease. <i>Journal of Neuroinflammation</i> , <b>2011</b> , 8, 105	10.1	207
18	Diesel exhaust particles induce oxidative stress, proinflammatory signaling, and P-glycoprotein up-regulation at the blood-brain barrier. <i>FASEB Journal</i> , <b>2008</b> , 22, 2723-33	0.9	198
17	Neuroinflammation, hyperphosphorylated tau, diffuse amyloid plaques, and down-regulation of the cellular prion protein in air pollution exposed children and young adults. <i>Journal of Alzheimer's Disease</i> , <b>2012</b> , 28, 93-107	4.3	193
16	Macrophage antigen complex-1 mediates reactive microgliosis and progressive dopaminergic neurodegeneration in the MPTP model of Parkinson's disease. <i>Journal of Immunology</i> , <b>2008</b> , 181, 7194-204	5.3	101
15	Microglial priming through the lung-brain axis: the role of air pollution-induced circulating factors. <i>FASEB Journal</i> , <b>2016</b> , 30, 1880-91	0.9	92
14	Outdoor Ambient Air Pollution and Neurodegenerative Diseases: the Neuroinflammation Hypothesis. <i>Current Environmental Health Reports</i> , <b>2017</b> , 4, 166-179	6.5	90
13	Reactive microgliosis: extracellular micro-calpain and microglia-mediated dopaminergic neurotoxicity. <i>Brain</i> , <b>2010</b> , 133, 808-21	11.2	88
12	Redox regulation of NF- $\kappa$ B p50 and M1 polarization in microglia. <i>Glia</i> , <b>2015</b> , 63, 423-40	9	85
11	MAC1 mediates LPS-induced production of superoxide by microglia: the role of pattern recognition receptors in dopaminergic neurotoxicity. <i>Glia</i> , <b>2007</b> , 55, 1362-73	9	78
10	The role of MAC1 in diesel exhaust particle-induced microglial activation and loss of dopaminergic neuron function. <i>Journal of Neurochemistry</i> , <b>2013</b> , 125, 756-65	6	65

9	Neuroinflammation: modulating mighty microglia. <i>Nature Chemical Biology</i> , <b>2014</b> , 10, 988-9	11.7	22
8	Atypical microglial response to biodiesel exhaust in healthy and hypertensive rats. <i>NeuroToxicology</i> , <b>2017</b> , 59, 155-163	4.4	12
7	Loss of NF- $\kappa$ B p50 function synergistically augments microglial priming in the middle-aged brain. <i>Journal of Neuroinflammation</i> , <b>2019</b> , 16, 60	10.1	8
6	Diesel exhaust impairs TREM2 to dysregulate neuroinflammation. <i>Journal of Neuroinflammation</i> , <b>2020</b> , 17, 351	10.1	7
5	Circulating HMGB1 is elevated in veterans with Gulf War Illness and triggers the persistent pro-inflammatory microglia phenotype in male C57Bl/6J mice. <i>Translational Psychiatry</i> , <b>2021</b> , 11, 390	8.6	3
4	Microglial NADPH Oxidase Mediates Leucine Enkephalin Dopaminergic Neuroprotection. <i>Annals of the New York Academy of Sciences</i> , <b>2008</b> , 1053, 107-120	6.5	2
3	Redox Regulation of the M1/M2 Shift in Microglia: Programming the Deleterious Phenotype. <i>FASEB Journal</i> , <b>2016</b> , 30, 93.1	0.9	1
2	Inhalation Triggers Neuroimmune, Glial, and Neuropeptide Transcriptional Changes. <i>ASN Neuro</i> , <b>2021</b> , 13, 17590914211019886	5.3	0
1	The Use of Standardized Diesel Exhaust Particles in Alzheimer's Disease Research. <i>Journal of Alzheimer's Disease</i> , <b>2021</b> , 84, 607-608	4.3	0