

# Veronique E Miron

## List of Publications by Year in descending order

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47  
papers

5,300  
citations

186265

28  
h-index

243625

44  
g-index

54  
all docs

54  
docs citations

54  
times ranked

6376  
citing authors

#	ARTICLE	IF	CITATIONS
1	M2 microglia and macrophages drive oligodendrocyte differentiation during CNS remyelination. <i>Nature Neuroscience</i> , 2013, 16, 1211-1218.	14.8	1,357
2	Differentiation block of oligodendroglial progenitor cells as a cause for remyelination failure in chronic multiple sclerosis. <i>Brain</i> , 2008, 131, 1749-1758.	7.6	705
3	Fingolimod (FTY720) Enhances Remyelination Following Demyelination of Organotypic Cerebellar Slices. <i>American Journal of Pathology</i> , 2010, 176, 2682-2694.	3.8	254
4	FTY720 modulates human oligodendrocyte progenitor process extension and survival. <i>Annals of Neurology</i> , 2008, 63, 61-71.	5.3	244
5	The pro-remyelination properties of microglia in the central nervous system. <i>Nature Reviews Neurology</i> , 2019, 15, 447-458.	10.1	230
6	Central nervous system regeneration is driven by microglia necroptosis and repopulation. <i>Nature Neuroscience</i> , 2019, 22, 1046-1052.	14.8	215
7	Cells of the oligodendroglial lineage, myelination, and remyelination. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2011, 1812, 184-193.	3.8	211
8	Deletion of a <i>Csf1r</i> enhancer selectively impacts <i>CSF1R</i> expression and development of tissue macrophage populations. <i>Nature Communications</i> , 2019, 10, 3215.	12.8	191
9	Macrophages and CNS remyelination. <i>Journal of Neurochemistry</i> , 2014, 130, 165-171.	3.9	160
10	Functional consequences of S1P receptor modulation in rat oligodendroglial lineage cells. <i>Glia</i> , 2007, 55, 1656-1667.	4.9	158
11	Central nervous system-directed effects of FTY720 (fingolimod). <i>Journal of the Neurological Sciences</i> , 2008, 274, 13-17.	0.6	158
12	Statin Therapy Inhibits Remyelination in the Central Nervous System. <i>American Journal of Pathology</i> , 2009, 174, 1880-1890.	3.8	118
13	Neurobiological effects of sphingosine 1-phosphate receptor modulation in the cuprizone model. <i>FASEB Journal</i> , 2011, 25, 1509-1518.	0.5	99
14	Decreased microglial Wnt/ $\beta$ -catenin signalling drives microglial pro-inflammatory activation in the developing brain. <i>Brain</i> , 2019, 142, 3806-3833.	7.6	97
15	The neurobiology of sphingosine 1-phosphate signaling and sphingosine 1-phosphate receptor modulators. <i>Neurology</i> , 2011, 76, S9-14.	1.1	92
16	Cyclical and Dose-Dependent Responses of Adult Human Mature Oligodendrocytes to Fingolimod. <i>American Journal of Pathology</i> , 2008, 173, 1143-1152.	3.8	91
17	Microglia-driven regulation of oligodendrocyte lineage cells, myelination, and remyelination. <i>Journal of Leukocyte Biology</i> , 2017, 101, 1103-1108.	3.3	91
18	Simvastatin regulates oligodendroglial process dynamics and survival. <i>Glia</i> , 2007, 55, 130-143.	4.9	84

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19	Identification of endothelin 2 as an inflammatory factor that promotes central nervous system remyelination. <i>Brain</i> , 2013, 136, 1035-1047.	7.6	74
20	Oligodendrocyte Progenitor Cell Susceptibility to Injury in Multiple Sclerosis. <i>American Journal of Pathology</i> , 2013, 183, 516-525.	3.8	61
21	Microglia: origins, homeostasis, and roles in myelin repair. <i>Current Opinion in Neurobiology</i> , 2017, 47, 113-120.	4.2	60
22	Astrocytes in myelination and remyelination. <i>Neuroscience Letters</i> , 2019, 713, 134532.	2.1	56
23	Activin receptors regulate the oligodendrocyte lineage in health and disease. <i>Acta Neuropathologica</i> , 2018, 135, 887-906.	7.7	48
24	White matter microglia heterogeneity in the CNS. <i>Acta Neuropathologica</i> , 2022, 143, 125-141.	7.7	48
25	DNA Methylation and Protein Markers of Chronic Inflammation and Their Associations With Brain and Cognitive Aging. <i>Neurology</i> , 2021, 97, e2340-e2352.	1.1	44
26	Response of Human Oligodendrocyte Progenitors to Growth Factors and Axon Signals. <i>Journal of Neuropathology and Experimental Neurology</i> , 2010, 69, 930-944.	1.7	43
27	Unconjugated Bilirubin Restricts Oligodendrocyte Differentiation and Axonal Myelination. <i>Molecular Neurobiology</i> , 2013, 47, 632-644.	4.0	35
28	Investigating Microglia in Health and Disease: Challenges and Opportunities. <i>Trends in Immunology</i> , 2020, 41, 785-793.	6.8	35
29	Stem cells from human apical papilla decrease neuro-inflammation and stimulate oligodendrocyte progenitor differentiation via activin-A secretion. <i>Cellular and Molecular Life Sciences</i> , 2018, 75, 2843-2856.	5.4	34
30	Microglia in developing white matter and perinatal brain injury. <i>Neuroscience Letters</i> , 2020, 714, 134539.	2.1	25
31	Cellular and Molecular Mechanisms Underpinning Macrophage Activation during Remyelination. <i>Frontiers in Cell and Developmental Biology</i> , 2016, 4, 60.	3.7	23
32	Retinoic acid-loaded NFL-lipid nanocapsules promote oligodendrogenesis in focal white matter lesion. <i>Biomaterials</i> , 2020, 230, 119653.	11.4	22
33	Central nervous system effects of current and emerging multiple sclerosis-directed immuno-therapies. <i>Clinical Neurology and Neurosurgery</i> , 2008, 110, 951-957.	1.4	20
34	The Cerebrospinal Fluid Inflammatory Response to Preterm Birth. <i>Frontiers in Physiology</i> , 2018, 9, 1299.	2.8	19
35	Distinct origins, gene expression and function of microglia and monocyte-derived macrophages in CNS myelin injury and regeneration. <i>Clinical Immunology</i> , 2018, 189, 57-62.	3.2	17
36	Microglial inflammasome activation drives developmental white matter injury. <i>Glia</i> , 2021, 69, 1268-1280.	4.9	15

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37	Beyond immunomodulation: The regenerative role for regulatory T cells in central nervous system remyelination. <i>Journal of Cell Communication and Signaling</i> , 2017, 11, 191-192.	3.4	10
38	Microglia as therapeutic targets for central nervous system remyelination. <i>Current Opinion in Pharmacology</i> , 2022, 63, 102188.	3.5	10
39	Dissecting the damaging versus regenerative roles of CNS macrophages: implications for the use of immunomodulatory therapeutics. <i>Regenerative Medicine</i> , 2013, 8, 673-676.	1.7	6
40	Impact of anti-PDGFR $\alpha$ antibody surface functionalization on LNC uptake by oligodendrocyte progenitor cells. <i>International Journal of Pharmaceutics</i> , 2022, 618, 121623.	5.2	6
41	Monocytes in central nervous system remyelination. <i>Glia</i> , 2022, 70, 797-807.	4.9	5
42	Replenishing our mind orchards: Enhancing myelin renewal to rescue cognition in Alzheimer's disease. <i>Neuron</i> , 2021, 109, 2204-2206.	8.1	4
43	Isolation and Culture of Primary Human CNS Neural Cells. <i>Springer Protocols</i> , 2009, , 87-104.	0.3	3
44	Assessment of Sphingosine-1-Phosphate Receptor Expression and Associated Intracellular Signaling Cascades in Primary Cells of the Human Central Nervous System. <i>Methods in Molecular Biology</i> , 2012, 874, 141-154.	0.9	2
45	Effects of Current Medical Therapies on Reparative and Neuroprotective Functions in Multiple Sclerosis. , 2013, , 203-231.		0
46	Isolation and Preparation of Cells from Focal Remyelinating Central Nervous System Lesions for RNA Sequencing. <i>Methods in Molecular Biology</i> , 2019, 1936, 23-36.	0.9	0
47	Special Issue "Microglia Heterogeneity and Its Relevance for Translational Research". <i>International Journal of Molecular Sciences</i> , 2021, 22, 12350.	4.1	0