

Maarten E Witte

List of Publications by Year in descending order

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Version: 2024-02-01

31
papers

3,027
citations

236925

25
h-index

454955

30
g-index

35
all docs

35
docs citations

35
times ranked

5181
citing authors

#	ARTICLE	IF	CITATIONS
1	Nrf2-induced antioxidant protection: A promising target to counteract ROS-mediated damage in neurodegenerative disease?. <i>Free Radical Biology and Medicine</i> , 2008, 45, 1375-1383.	2.9	377
2	Radical changes in multiple sclerosis pathogenesis. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2011, 1812, 141-150.	3.8	269
3	Mitochondrial dysfunction contributes to neurodegeneration in multiple sclerosis. <i>Trends in Molecular Medicine</i> , 2014, 20, 179-187.	6.7	225
4	Mitochondrial dysfunction: A potential link between neuroinflammation and neurodegeneration?. <i>Mitochondrion</i> , 2010, 10, 411-418.	3.4	201
5	Sphingosine 1-phosphate receptor 1 and 3 are upregulated in multiple sclerosis lesions. <i>Glia</i> , 2010, 58, 1465-1476.	4.9	181
6	Enhanced number and activity of mitochondria in multiple sclerosis lesions. <i>Journal of Pathology</i> , 2009, 219, 193-204.	4.5	178
7	Inflammation and mitochondrial dysfunction: A vicious circle in neurodegenerative disorders?. <i>Neuroscience Letters</i> , 2019, 710, 132931.	2.1	168
8	Clusters of activated microglia in normal-appearing white matter show signs of innate immune activation. <i>Journal of Neuroinflammation</i> , 2012, 9, 156.	7.2	153
9	A Defective Pentose Phosphate Pathway Reduces Inflammatory Macrophage Responses during Hypercholesterolemia. <i>Cell Reports</i> , 2018, 25, 2044-2052.e5.	6.4	140
10	Reduced expression of PGC-1 β partly underlies mitochondrial changes and correlates with neuronal loss in multiple sclerosis cortex. <i>Acta Neuropathologica</i> , 2013, 125, 231-243.	7.7	114
11	Fingolimod attenuates ceramide-induced blood-brain barrier dysfunction in multiple sclerosis by targeting reactive astrocytes. <i>Acta Neuropathologica</i> , 2012, 124, 397-410.	7.7	101
12	Cellular distribution of glucose and monocarboxylate transporters in human brain white matter and multiple sclerosis lesions. <i>Glia</i> , 2014, 62, 1125-1141.	4.9	88
13	Glutathione in multiple sclerosis: More than just an antioxidant?. <i>Multiple Sclerosis Journal</i> , 2014, 20, 1425-1431.	3.0	78
14	Adenosine triphosphate-binding cassette transporters mediate chemokine (C-C motif) ligand 2 secretion from reactive astrocytes: relevance to multiple sclerosis pathogenesis. <i>Brain</i> , 2011, 134, 555-570.	7.6	77
15	Demyelination during multiple sclerosis is associated with combined activation of microglia/macrophages by IFN- γ and alpha B-crystallin. <i>Acta Neuropathologica</i> , 2014, 128, 215-229.	7.7	73
16	Astroglial PGC-1alpha increases mitochondrial antioxidant capacity and suppresses inflammation: implications for multiple sclerosis. <i>Acta Neuropathologica Communications</i> , 2014, 2, 170.	5.2	72
17	Calcium Influx through Plasma-Membrane Nanoruptures Drives Axon Degeneration in a Model of Multiple Sclerosis. <i>Neuron</i> , 2019, 101, 615-624.e5.	8.1	63
18	The role of mitochondria in axonal degeneration and tissue repair in MS. <i>Multiple Sclerosis Journal</i> , 2012, 18, 1058-1067.	3.0	60

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19	Neuron-specific activation of necroptosis signaling in multiple sclerosis cortical grey matter. <i>Acta Neuropathologica</i> , 2021, 141, 585-604.	7.7	56
20	Association of Parkinson disease-related protein PINK1 with Alzheimer disease and multiple sclerosis brain lesions. <i>Free Radical Biology and Medicine</i> , 2011, 50, 469-476.	2.9	51
21	Parkinson's disease-associated parkin colocalizes with Alzheimer's disease and multiple sclerosis brain lesions. <i>Neurobiology of Disease</i> , 2009, 36, 445-452.	4.4	48
22	Meningeal inflammation in multiple sclerosis induces phenotypic changes in cortical microglia that differentially associate with neurodegeneration. <i>Acta Neuropathologica</i> , 2021, 141, 881-899.	7.7	47
23	Inflammation of the choroid plexus in progressive multiple sclerosis: accumulation of granulocytes and T cells. <i>Acta Neuropathologica Communications</i> , 2020, 8, 9.	5.2	45
24	Abundant extracellular myelin in the meninges of patients with multiple sclerosis. <i>Neuropathology and Applied Neurobiology</i> , 2009, 35, 283-295.	3.2	39
25	Enhancing mitochondrial activity in neurons protects against neurodegeneration in a mouse model of multiple sclerosis. <i>ELife</i> , 2021, 10, .	6.0	34
26	Myelin Basic Protein synthesis is regulated by small non-coding RNA 715. <i>EMBO Reports</i> , 2012, 13, 827-834.	4.5	31
27	Effect of ammonia in cigarette tobacco on nicotine absorption in human smokers. <i>Food and Chemical Toxicology</i> , 2011, 49, 3025-3030.	3.6	19
28	Setmelanotide, a Novel, Selective Melanocortin Receptor-4 Agonist Exerts Anti-inflammatory Actions in Astrocytes and Promotes an Anti-inflammatory Macrophage Phenotype. <i>Frontiers in Immunology</i> , 2019, 10, 2312.	4.8	19
29	Multiple sclerosis as an "Inside-out" disease. <i>Annals of Neurology</i> , 2010, 68, 767-768.	5.3	13
30	Breaching Brain Barriers: B Cell Migration in Multiple Sclerosis. <i>Biomolecules</i> , 2022, 12, 800.	4.0	7
31	Experimental models of cortical multiple sclerosis pathology. <i>Drug Discovery Today: Disease Models</i> , 2017, 25-26, 69-74.	1.2	0