

Matthew D Smith

List of Publications by Year in descending order

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42
papers

1,906
citations

361296
20
h-index

289141
40
g-index

46
all docs

46
docs citations

46
times ranked

2670
citing authors

#	ARTICLE	IF	CITATIONS
1	Nonmyeloablative Allogeneic Transplantation With Post-Transplant Cyclophosphamide for Acute Myeloid Leukemia With IDH Mutations: A Single Center Experience. <i>Clinical Lymphoma, Myeloma and Leukemia</i> , 2022, 22, 260-269.	0.2	4
2	Type of serum collection tube does not impact neurofilament light chain levels. <i>Multiple Sclerosis and Related Disorders</i> , 2022, 59, 103676.	0.9	2
3	Retinal pathology in spontaneous opticospinal experimental autoimmune encephalitis mice. <i>Journal of Neuroimmunology</i> , 2022, 367, 577859.	1.1	2
4	Reactive Astrocytes Derived From Human Induced Pluripotent Stem Cells Suppress Oligodendrocyte Precursor Cell Differentiation. <i>Frontiers in Molecular Neuroscience</i> , 2022, 15, .	1.4	6
5	Proteomic Alterations and Novel Markers of Neurotoxic Reactive Astrocytes in Human Induced Pluripotent Stem Cell Models. <i>Frontiers in Molecular Neuroscience</i> , 2022, 15, 870085.	1.4	15
6	Association of Serum Neurofilament Light Chain With Inner Retinal Layer Thinning in Multiple Sclerosis. <i>Neurology</i> , 2022, 99, .	1.5	7
7	Linoleic Acid Reduces Oxidative Phosphorylation and Impairs Early Differentiation of MC3T3-E1 Osteoblast Precursor Cells. <i>Current Developments in Nutrition</i> , 2022, 6, 452.	0.1	0
8	Single-cell transcriptomic reveals molecular diversity and developmental heterogeneity of human stem cell-derived oligodendrocyte lineage cells. <i>Nature Communications</i> , 2021, 12, 652.	5.8	47
9	Exercise leads to metabolic changes associated with improved strength and fatigue in people with MS. <i>Annals of Clinical and Translational Neurology</i> , 2021, 8, 1308-1317.	1.7	6
10	Therapeutic Potential of a Novel Glucagon-like Peptide-1 Receptor Agonist, NLY01, in Experimental Autoimmune Encephalomyelitis. <i>Neurotherapeutics</i> , 2021, 18, 1834-1848.	2.1	11
11	Complement component 3 from astrocytes mediates retinal ganglion cell loss during neuroinflammation. <i>Acta Neuropathologica</i> , 2021, 142, 899-915.	3.9	39
12	A lymphocyteâ€“microgliaâ€“astrocyte axis in chronic active multiple sclerosis. <i>Nature</i> , 2021, 597, 709-714.	13.7	307
13	Multi-omic evaluation of metabolic alterations in multiple sclerosis identifies shifts in aromatic amino acid metabolism. <i>Cell Reports Medicine</i> , 2021, 2, 100424.	3.3	26
14	Discordant humoral and T cell immune responses to SARS-CoV-2 vaccination in people with multiple sclerosis on anti-CD20 therapy. <i>EBioMedicine</i> , 2021, 73, 103636.	2.7	85
15	Expanding Acute Stroke Care in Rural America: A Model for Statewide Success. <i>Telemedicine Journal and E-Health</i> , 2020, 26, 865-871.	1.6	13
16	Inhibition of neutral sphingomyelinase 2 promotes remyelination. <i>Science Advances</i> , 2020, 6, .	4.7	23
17	USP15 suppresses tumor immunity via deubiquitylation and inactivation of TET2. <i>Science Advances</i> , 2020, 6, .	4.7	28
18	iPSCs from people with MS can differentiate into oligodendrocytes in a homeostatic but not an inflammatory milieu. <i>PLoS ONE</i> , 2020, 15, e0233980.	1.1	28

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19	Diffusionâ€time dependence of diffusional kurtosis in the mouse brain. <i>Magnetic Resonance in Medicine</i> , 2020, 84, 1564-1578.	1.9	22
20	CRL4 ^{DCAF1/VprBP} E3 ubiquitin ligase controls ribosome biogenesis, cell proliferation, and development. <i>Science Advances</i> , 2020, 6, .	4.7	27
21	Bile acid metabolism is altered in multiple sclerosis and supplementation ameliorates neuroinflammation. <i>Journal of Clinical Investigation</i> , 2020, 130, 3467-3482.	3.9	109
22	Glial pathology and retinal neurotoxicity in the anterior visual pathway in experimental autoimmune encephalomyelitis. <i>Acta Neuropathologica Communications</i> , 2019, 7, 125.	2.4	47
23	Early complement genes are associated with visual system degeneration in multiple sclerosis. <i>Brain</i> , 2019, 142, 2722-2736.	3.7	30
24	Quetiapine has an additive effect to triiodothyronine in inducing differentiation of oligodendrocyte precursor cells through induction of cholesterol biosynthesis. <i>PLoS ONE</i> , 2019, 14, e0221747.	1.1	11
25	Glutamine antagonism attenuates physical and cognitive deficits in a model of MS. <i>Neurology: Neuroimmunology and Neuroinflammation</i> , 2019, 6, .	3.1	12
26	Oligodendrocyte precursor cells present antigen and are cytotoxic targets in inflammatory demyelination. <i>Nature Communications</i> , 2019, 10, 3887.	5.8	245
27	NLRX1 inhibits the early stages of CNS inflammation and prevents the onset of spontaneous autoimmunity. <i>PLoS Biology</i> , 2019, 17, e3000451.	2.6	21
28	Therapeutic nihilism of neurological diseases: A comparative qualitative study. <i>Journal of Clinical Neuroscience</i> , 2019, 69, 124-131.	0.8	7
29	Dimethyl fumarate treatment induces lipid metabolism alterations that are linked to immunological changes. <i>Annals of Clinical and Translational Neurology</i> , 2019, 6, 33-45.	1.7	39
30	Trial of intrathecal rituximab in progressive multiple sclerosis patients with evidence of leptomeningeal contrast enhancement. <i>Multiple Sclerosis and Related Disorders</i> , 2019, 30, 136-140.	0.9	45
31	PET imaging of microglia by targeting macrophage colony-stimulating factor 1 receptor (CSF1R). <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 1686-1691.	3.3	140
32	Tumor suppressor TET2 promotes cancer immunity and immunotherapy efficacy. <i>Journal of Clinical Investigation</i> , 2019, 129, 4316-4331.	3.9	143
33	Bryostatins alleviate experimental multiple sclerosis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 2186-2191.	3.3	40
34	Experience of establishing an acute geriatric outreach service versus subacute service to nursing homes. <i>Internal Medicine Journal</i> , 2018, 48, 1396-1399.	0.5	10
35	Systemic infection modifies the neuroinflammatory response in late stage Alzheimerâ€™s disease. <i>Acta Neuropathologica Communications</i> , 2018, 6, 88.	2.4	52
36	CNS-targeted autoimmunity leads to increased influenza mortality in mice. <i>Journal of Experimental Medicine</i> , 2017, 214, 297-307.	4.2	16

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37	Fragility fractures: A complex interaction of the health care system- the patient and the bone: Can we do better?. Injury, 2017, 48, S1-S3.	0.7	4
38	Lineage tracing reveals dynamic changes in oligodendrocyte precursor cells following cuprizone-induced demyelination. Glia, 2017, 65, 2087-2098.	2.5	81
39	The antiobesity factor <i>Wdpc1</i> suppresses adipogenesis via the <i>CRL4^{Wdpc1}</i> E3 ligase. EMBO Reports, 2016, 17, 638-647.	2.0	37
40	Transfer of Myelin-Reactive Th17 Cells Impairs Endogenous Remyelination in the Central Nervous System of Cuprizone-Fed Mice. Journal of Neuroscience, 2015, 35, 8626-8639.	1.7	86
41	Disparate Effects of Mesenchymal Stem Cells in Experimental Autoimmune Encephalomyelitis and Cuprizone-Induced Demyelination. PLoS ONE, 2015, 10, e0139008.	1.1	20
42	Segmentation and generation of patient-specific 3D models of anatomy for surgical simulation. Studies in Health Technology and Informatics, 2004, 98, 360-2.	0.2	0