Dorian B McGavern

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/2188016/publications.pdf

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36	4,178	279798	345221
papers	citations	23 h-index	36 g-index

37	37	37	6550
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Microglia Development and Function. Annual Review of Immunology, 2014, 32, 367-402.	21.8	763
2	Neuroimmunology of Traumatic Brain Injury: Time for a Paradigm Shift. Neuron, 2017, 95, 1246-1265.	8.1	518
3	Single-cell RNA-seq reveals TOX as a key regulator of CD8+ T cell persistence in chronic infection. Nature Immunology, 2019, 20, 890-901.	14.5	361
4	A lymphocyteâ€“microgliaâ€“astrocyte axis in chronic active multiple sclerosis. Nature, 2021, 597, 709-714.	27.8	307
5	Inflammatory neuroprotection following traumatic brain injury. Science, 2016, 353, 783-785.	12.6	297
6	Viral diseases of the central nervous system. Current Opinion in Virology, 2015, 11, 44-54.	5.4	257
7	Illuminating viral infections in the nervous system. Nature Reviews Immunology, 2011, 11, 318-329.	22.7	237
8	The anatomy and immunology of vasculature in the central nervous system. Science Immunology, 2019, 4, .	11.9	190
9	Gut-educated IgA plasma cells defend the meningeal venous sinuses. Nature, 2020, 587, 472-476.	27.8	167
10	CD8+ T Cells Induce Fatal Brainstem Pathology during Cerebral Malaria via Luminal Antigen-Specific Engagement of Brain Vasculature. PLoS Pathogens, 2016, 12, e1006022.	4.7	104
11	Distinct myeloid cell subsets promote meningeal remodeling and vascular repair after mild traumatic brain injury. Nature Immunology, 2018, 19, 442-452.	14.5	101
12	In vivo dynamics of innate immune sentinels in the CNS. Intravital, 2012, 1, 95-106.	2.0	91
13	T cell engagement of cross-presenting microglia protects the brain from a nasal virus infection. Science Immunology, 2020, 5, .	11.9	87
14	BACH2 enforces the transcriptional and epigenetic programs of stem-like CD8+ T cells. Nature Immunology, 2021, 22, 370-380.	14.5	75
15	CD8+ T cells target cerebrovasculature in children with cerebral malaria. Journal of Clinical Investigation, 2020, 130, 1128-1138.	8.2	73
16	Infection drives meningeal engraftment by inflammatory monocytes that impairs CNS immunity. Nature Immunology, 2019, 20, 407-419.	14.5	69
17	Temporally distinct myeloid cell responses mediate damage and repair after cerebrovascular injury. Nature Neuroscience, 2021, 24, 245-258.	14.8	64
18	Therapeutic antiviral T cells noncytopathically clear persistently infected microglia after conversion into antigen-presenting cells. Journal of Experimental Medicine, 2015, 212, 1153-1169.	8.5	58

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19	Type I Interferon Programs Innate Myeloid Dynamics and Gene Expression in the Virally Infected Nervous System. PLoS Pathogens, 2013, 9, e1003395.	4.7	46
20	Immune dynamics in the CNS and its barriers during homeostasis and disease*. Immunological Reviews, 2022, 306, 58-75.	6.0	38
21	New advances in CNS immunity against viral infection. Current Opinion in Virology, 2018, 28, 116-126.	5.4	35
22	Elucidation of monocyte/macrophage dynamics and function by intravital imaging. Journal of Leukocyte Biology, 2015, 98, 319-332.	3.3	34
23	Microbial Induction of Vascular Pathology in the CNS. Journal of NeuroImmune Pharmacology, 2010, 5, 370-386.	4.1	28
24	Antimicrobial immunity impedes CNS vascular repair following brain injury. Nature Immunology, 2021, 22, 1280-1293.	14.5	25
25	BST-2 controls T cell proliferation and exhaustion by shaping the early distribution of a persistent viral infection. PLoS Pathogens, 2018, 14, e1007172.	4.7	24
26	Reversal of the T cell immune system reveals the molecular basis for T cell lineage fate determination in the thymus. Nature Immunology, 2022, 23, 731-742.	14.5	20
27	The great balancing act: regulation and fate of antiviral Tâ€cell interactions. Immunological Reviews, 2013, 255, 110-124.	6.0	19
28	Aging and CNS Myeloid Cell Depletion Attenuate Breast Cancer Brain Metastasis. Clinical Cancer Research, 2021, 27, 4422-4434.	7.0	15
29	In vivo CRISPR screens reveal a HIF-1Î±-mTOR-network regulates T follicular helper versus Th1 cells. Nature Communications, 2022, 13, 805.	12.8	15
30	Immunological defense of CNS barriers against infections. Immunity, 2022, 55, 781-799.	14.3	14
31	Dependence on Bcl6 and Blimp1 drive distinct differentiation of murine memory and follicular helper CD4+ T cells. Journal of Experimental Medicine, 2022, 219, .	8.5	11
32	Adenosine A2A Receptor Activation Enhances Bloodâ€“Tumor Barrier Permeability in a Rodent Glioma Model. Molecular Cancer Research, 2021, 19, 2081-2095.	3.4	10
33	Glia limitans superficialis oxidation and breakdown promote cortical cell death after repetitive head injury. JCI Insight, 2021, 6, .	5.0	9
34	Viral Control of Glioblastoma. Viruses, 2021, 13, 1264.	3.3	7
35	The transcription factor LRF promotes integrin Î²7 expression by and gut homing of CD8Î±Î±+ intraepithelial lymphocyte precursors. Nature Immunology, 2022, 23, 594-604.	14.5	6
36	Prevention of CD8 T Cell Deletion during Chronic Viral Infection. Viruses, 2021, 13, 1189.	3.3	3