

Dorian B McGavern

List of Publications by Year in descending order

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Version: 2024-02-01

36
papers

4,178
citations

279798

23
h-index

345221

36
g-index

37
all docs

37
docs citations

37
times ranked

6550
citing authors

#	ARTICLE	IF	CITATIONS
1	Dependence on Bcl6 and Blimp1 drive distinct differentiation of murine memory and follicular helper CD4+ T cells. <i>Journal of Experimental Medicine</i> , 2022, 219, .	8.5	11
2	Immune dynamics in the CNS and its barriers during homeostasis and disease*. <i>Immunological Reviews</i> , 2022, 306, 58-75.	6.0	38
3	In vivo CRISPR screens reveal a HIF-1 β -mTOR-network regulates T follicular helper versus Th1 cells. <i>Nature Communications</i> , 2022, 13, 805.	12.8	15
4	The transcription factor LRF promotes integrin β 7 expression by and gut homing of CD8 β β intraepithelial lymphocyte precursors. <i>Nature Immunology</i> , 2022, 23, 594-604.	14.5	6
5	Reversal of the T cell immune system reveals the molecular basis for T cell lineage fate determination in the thymus. <i>Nature Immunology</i> , 2022, 23, 731-742.	14.5	20
6	Immunological defense of CNS barriers against infections. <i>Immunity</i> , 2022, 55, 781-799.	14.3	14
7	Temporally distinct myeloid cell responses mediate damage and repair after cerebrovascular injury. <i>Nature Neuroscience</i> , 2021, 24, 245-258.	14.8	64
8	BACH2 enforces the transcriptional and epigenetic programs of stem-like CD8+ T cells. <i>Nature Immunology</i> , 2021, 22, 370-380.	14.5	75
9	Viral Control of Glioblastoma. <i>Viruses</i> , 2021, 13, 1264.	3.3	7
10	Aging and CNS Myeloid Cell Depletion Attenuate Breast Cancer Brain Metastasis. <i>Clinical Cancer Research</i> , 2021, 27, 4422-4434.	7.0	15
11	Prevention of CD8 T Cell Deletion during Chronic Viral Infection. <i>Viruses</i> , 2021, 13, 1189.	3.3	3
12	Glia limitans superficialis oxidation and breakdown promote cortical cell death after repetitive head injury. <i>JCI Insight</i> , 2021, 6, .	5.0	9
13	A lymphocyte \leftrightarrow microglia \leftrightarrow astrocyte axis in chronic active multiple sclerosis. <i>Nature</i> , 2021, 597, 709-714.	27.8	307
14	Adenosine A2A Receptor Activation Enhances Blood \leftrightarrow Tumor Barrier Permeability in a Rodent Glioma Model. <i>Molecular Cancer Research</i> , 2021, 19, 2081-2095.	3.4	10
15	Antimicrobial immunity impedes CNS vascular repair following brain injury. <i>Nature Immunology</i> , 2021, 22, 1280-1293.	14.5	25
16	Gut-educated IgA plasma cells defend the meningeal venous sinuses. <i>Nature</i> , 2020, 587, 472-476.	27.8	167
17	T cell engagement of cross-presenting microglia protects the brain from a nasal virus infection. <i>Science Immunology</i> , 2020, 5, .	11.9	87
18	CD8+ T cells target cerebrovasculature in children with cerebral malaria. <i>Journal of Clinical Investigation</i> , 2020, 130, 1128-1138.	8.2	73

#	ARTICLE	IF	CITATIONS
19	The anatomy and immunology of vasculature in the central nervous system. <i>Science Immunology</i> , 2019, 4, .	11.9	190
20	Single-cell RNA-seq reveals TOX as a key regulator of CD8+ T cell persistence in chronic infection. <i>Nature Immunology</i> , 2019, 20, 890-901.	14.5	361
21	Infection drives meningeal engraftment by inflammatory monocytes that impairs CNS immunity. <i>Nature Immunology</i> , 2019, 20, 407-419.	14.5	69
22	Distinct myeloid cell subsets promote meningeal remodeling and vascular repair after mild traumatic brain injury. <i>Nature Immunology</i> , 2018, 19, 442-452.	14.5	101
23	New advances in CNS immunity against viral infection. <i>Current Opinion in Virology</i> , 2018, 28, 116-126.	5.4	35
24	BST-2 controls T cell proliferation and exhaustion by shaping the early distribution of a persistent viral infection. <i>PLoS Pathogens</i> , 2018, 14, e1007172.	4.7	24
25	Neuroimmunology of Traumatic Brain Injury: Time for a Paradigm Shift. <i>Neuron</i> , 2017, 95, 1246-1265.	8.1	518
26	Inflammatory neuroprotection following traumatic brain injury. <i>Science</i> , 2016, 353, 783-785.	12.6	297
27	CD8+ T Cells Induce Fatal Brainstem Pathology during Cerebral Malaria via Luminal Antigen-Specific Engagement of Brain Vasculature. <i>PLoS Pathogens</i> , 2016, 12, e1006022.	4.7	104
28	Viral diseases of the central nervous system. <i>Current Opinion in Virology</i> , 2015, 11, 44-54.	5.4	257
29	Elucidation of monocyte/macrophage dynamics and function by intravital imaging. <i>Journal of Leukocyte Biology</i> , 2015, 98, 319-332.	3.3	34
30	Therapeutic antiviral T cells noncytopathically clear persistently infected microglia after conversion into antigen-presenting cells. <i>Journal of Experimental Medicine</i> , 2015, 212, 1153-1169.	8.5	58
31	Microglia Development and Function. <i>Annual Review of Immunology</i> , 2014, 32, 367-402.	21.8	763
32	The great balancing act: regulation and fate of antiviral T cell interactions. <i>Immunological Reviews</i> , 2013, 255, 110-124.	6.0	19
33	Type I Interferon Programs Innate Myeloid Dynamics and Gene Expression in the Virally Infected Nervous System. <i>PLoS Pathogens</i> , 2013, 9, e1003395.	4.7	46
34	In vivo dynamics of innate immune sentinels in the CNS. <i>Intravital</i> , 2012, 1, 95-106.	2.0	91
35	Illuminating viral infections in the nervous system. <i>Nature Reviews Immunology</i> , 2011, 11, 318-329.	22.7	237
36	Microbial Induction of Vascular Pathology in the CNS. <i>Journal of Neuroimmune Pharmacology</i> , 2010, 5, 370-386.	4.1	28