

Tyler K Ulland

List of Publications by Year in descending order

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Version: 2024-02-01

37
papers

8,374
citations

279798

23
h-index

377865

34
g-index

42
all docs

42
docs citations

42
times ranked

11715
citing authors

#	ARTICLE	IF	CITATIONS
1	Transcriptional response of murine microglia in Alzheimer's disease and inflammation. BMC Genomics, 2022, 23, 183.	2.8	11
2	Alzheimer's disease modification mediated by bone marrow-derived macrophages via a TREM2-independent pathway in mouse model of amyloidosis. Nature Aging, 2022, 2, 60-73.	11.6	12
3	A Model of Discovery: The Role of Imaging Established and Emerging Non-mammalian Models in Neuroscience. Frontiers in Molecular Neuroscience, 2022, 15, 867010.	2.9	3
4	Sex-Dependent Effects of Gestational Intermittent Hypoxia Exposure in the 5XFAD Mouse Model of Alzheimer's Disease. FASEB Journal, 2022, 36, .	0.5	0
5	Exploring the zinc-related transcriptional landscape in Alzheimer's disease. IBRO Neuroscience Reports, 2022, 13, 31-37.	1.6	3
6	Modulation of Glial Function in Health, Aging, and Neurodegenerative Disease. Frontiers in Cellular Neuroscience, 2021, 15, 718324.	3.7	22
7	Alzheimer's Disease, Sleep Disordered Breathing, and Microglia: Puzzling out a Common Link. Cells, 2021, 10, 2907.	4.1	10
8	Microglial Immunometabolism in Alzheimer's Disease. Frontiers in Cellular Neuroscience, 2020, 14, 563446.	3.7	27
9	β -Hydroxybutyrate inhibits inflammasome activation to attenuate Alzheimer's disease pathology. Journal of Neuroinflammation, 2020, 17, 280.	7.2	117
10	The Role of Microglia and the Nlrp3 Inflammasome in Alzheimer's Disease. Frontiers in Neurology, 2020, 11, 570711.	2.4	120
11	Blood-brain barrier permeability measured by 125 I- β -hydroxy- β -cholestenic acid in CSF associates with Alzheimer's pathology biomarkers in cerebrospinal fluid. Alzheimer's and Dementia, 2020, 16, e046582.	0.8	0
12	Human and mouse single-nucleus transcriptomics reveal TREM2-dependent and TREM2-independent cellular responses in Alzheimer's disease. Nature Medicine, 2020, 26, 131-142.	30.7	641
13	Group 3 innate lymphoid cells mediate early protective immunity against tuberculosis. Nature, 2019, 570, 528-532.	27.8	153
14	ApoE facilitates the microglial response to amyloid plaque pathology. Journal of Experimental Medicine, 2018, 215, 1047-1058.	8.5	194
15	Humanized TREM2 mice reveal microglia-intrinsic and -extrinsic effects of R47H polymorphism. Journal of Experimental Medicine, 2018, 215, 745-760.	8.5	182
16	Jak3 deficiency blocks innate lymphoid cell development. Mucosal Immunology, 2018, 11, 50-60.	6.0	49
17	TREM2 " a key player in microglial biology and Alzheimer disease. Nature Reviews Neurology, 2018, 14, 667-675.	10.1	396
18	TREM2-Dependent Effects on Microglia in Alzheimer's Disease. Frontiers in Aging Neuroscience, 2018, 10, 202.	3.4	60

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19	Elucidating the Role of TREM2 in Alzheimer's Disease. <i>Neuron</i> , 2017, 94, 237-248.	8.1	255
20	A Unique Microglia Type Associated with Restricting Development of Alzheimer's Disease. <i>Cell</i> , 2017, 169, 1276-1290.e17.	28.9	3,282
21	IL-15 sustains IL-7R-independent ILC2 and ILC3 development. <i>Nature Communications</i> , 2017, 8, 14601.	12.8	89
22	An Anti-Inflammatory Role for NLRP10 in Murine Cutaneous Leishmaniasis. <i>Journal of Immunology</i> , 2017, 199, 2823-2833.	0.8	21
23	SMAD4 impedes the conversion of NK cells into ILC1-like cells by curtailing non-canonical TGF- β signaling. <i>Nature Immunology</i> , 2017, 18, 995-1003.	14.5	268
24	TREM2 Maintains Microglial Metabolic Fitness in Alzheimer's Disease. <i>Cell</i> , 2017, 170, 649-663.e13.	28.9	741
25	Alzheimer's disease-associated TREM2 variants exhibit either decreased or increased ligand-dependent activation. <i>Alzheimer's and Dementia</i> , 2017, 13, 381-387.	0.8	192
26	O ₂ ⁻ : Trem2-Mediated Early Response by Resident Microglia Limits Diffusion and Toxicity of Amyloid Plaques. <i>Alzheimer's and Dementia</i> , 2016, 12, P241.	0.8	0
27	TREM2-mediated early microglial response limits diffusion and toxicity of amyloid plaques. <i>Journal of Experimental Medicine</i> , 2016, 213, 667-675.	8.5	565
28	Nonredundant roles of keratinocyte-derived IL-34 and neutrophil-derived CSF1 in Langerhans cell renewal in the steady state and during inflammation. <i>European Journal of Immunology</i> , 2016, 46, 552-559.	2.9	50
29	Nlrp12 mutation causes C57BL/6J strain-specific defect in neutrophil recruitment. <i>Nature Communications</i> , 2016, 7, 13180.	12.8	55
30	Regulation of microglial survival and proliferation in health and diseases. <i>Seminars in Immunology</i> , 2015, 27, 410-415.	5.6	37
31	Evasion of inflammasome activation by microbial pathogens. <i>Journal of Clinical Investigation</i> , 2015, 125, 469-477.	8.2	53
32	The Tick Salivary Protein Sialostatin L2 Inhibits Caspase-1-Mediated Inflammation during <i>Anaplasma phagocytophilum</i> Infection. <i>Infection and Immunity</i> , 2014, 82, 2553-2564.	2.2	51
33	<i>Francisella tularensis</i> Live Vaccine Strain Folate Metabolism and Pseudouridine Synthase Gene Mutants Modulate Macrophage Caspase-1 Activation. <i>Infection and Immunity</i> , 2013, 81, 201-208.	2.2	16
34	Activation of the Inflammasome by Bacterial Pathogens. , 2011, , 37-50.		3
35	Cutting Edge: Mutation of <i>Francisella tularensis</i> <i>mviN</i> Leads to Increased Macrophage Absent in Melanoma 2 Inflammasome Activation and a Loss of Virulence. <i>Journal of Immunology</i> , 2010, 185, 2670-2674.	0.8	73
36	Necrotic cells trigger a sterile inflammatory response through the Nlrp3 inflammasome. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 20388-20393.	7.1	593

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37	<i>Francisella tularensis</i> directly interacts with the endothelium and recruits neutrophils with a blunted inflammatory phenotype. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2009, 296, L1076-L1084.	2.9	24