

David Gosselin

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

3,766
citations

567281
15
h-index

552781
26
g-index

30
all docs

30
docs citations

30
times ranked

7160
citing authors

#	ARTICLE	IF	CITATIONS
1	Environment Drives Selection and Function of Enhancers Controlling Tissue-Specific Macrophage Identities. <i>Cell</i> , 2014, 159, 1327-1340.	28.9	1,078
2	An environment-dependent transcriptional network specifies human microglia identity. <i>Science</i> , 2017, 356, .	12.6	911
3	Brain cell typeâ€“specific enhancerâ€“promoter interactome maps and disease - risk association. <i>Science</i> , 2019, 366, 1134-1139.	12.6	486
4	Mutant Huntingtin promotes autonomous microglia activation via myeloid lineage-determining factors. <i>Nature Neuroscience</i> , 2014, 17, 513-521.	14.8	274
5	Niche-Specific Reprogramming of Epigenetic Landscapes Drives Myeloid Cell Diversity in Nonalcoholic Steatohepatitis. <i>Immunity</i> , 2020, 52, 1057-1074.e7.	14.3	248
6	Pathological priming causes developmental gene network heterochronicity in autistic subject-derived neurons. <i>Nature Neuroscience</i> , 2019, 22, 243-255.	14.8	209
7	Phospholipase A₂ regulates eicosanoid class switching during inflammasome activation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 12746-12751.	7.1	113
8	Tissue damage drives co-localization of NF-Î²B, Smad3, and Nrf2 to direct Rev-erb sensitive wound repair in mouse macrophages. <i>ELife</i> , 2016, 5, .	6.0	66
9	Affinity and dose of TCR engagement yield proportional enhancer and gene activity in CD4+ T cells. <i>ELife</i> , 2016, 5, .	6.0	65
10	<i>Cx3cr1</i>-deficient microglia exhibit a premature aging transcriptome. <i>Life Science Alliance</i> , 2019, 2, e201900453.	2.8	64
11	Epigenomics of macrophages. <i>Immunological Reviews</i> , 2014, 262, 96-112.	6.0	56
12	A monocyte gene expression signature in the early clinical course of Parkinsonâ€™s disease. <i>Scientific Reports</i> , 2018, 8, 10757.	3.3	37
13	Estrogen Receptor Transrepresses Brain Inflammation. <i>Cell</i> , 2011, 145, 495-497.	28.9	24
14	Mechanisms Underlying the Selection and Function of Macrophage-Specific Enhancers. <i>Cold Spring Harbor Symposia on Quantitative Biology</i> , 2015, 80, 213-221.	1.1	22
15	QUAKING Regulates Microexon Alternative Splicing of the Rho GTPase Pathway and Controls Microglia Homeostasis. <i>Cell Reports</i> , 2020, 33, 108560.	6.4	19
16	Immune Mechanisms Underlying the Beneficial Effects of Autologous Hematopoietic Stem Cell Transplantation in Multiple Sclerosis. <i>Neurotherapeutics</i> , 2011, 8, 643-649.	4.4	17
17	IL-1RAcPb signaling regulates adaptive mechanisms in neurons that promote their long-term survival following excitotoxic insults. <i>Frontiers in Cellular Neuroscience</i> , 2013, 7, 9.	3.7	15
18	Harnessing the Benefits of Neuroinflammation: Generation of Macrophages/Microglia with Prominent Remyelinating Properties. <i>Journal of Neuroscience</i> , 2021, 41, 3366-3385.	3.6	14

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19	Context-dependent transcriptional regulation of microglial proliferation. <i>Glia</i> , 2022, 70, 572-589.	4.9	12
20	Enhancer-associated aortic valve stenosis risk locus 1p21.2 alters NFATC2 binding site and promotes fibrogenesis. <i>IScience</i> , 2021, 24, 102241.	4.1	9
21	Epigenomic and transcriptional determinants of microglial cell identity. <i>Glia</i> , 2020, 68, 1643-1654.	4.9	6
22	Getting Too Old Too Quickly for Their Job: Senescent Glial Cells Promote Neurodegeneration. <i>Neuron</i> , 2018, 100, 777-779.	8.1	5
23	PRMT1 is required for the generation of MHC-associated microglia and remyelination in the central nervous system. <i>Life Science Alliance</i> , 2022, 5, e202201467.	2.8	3
24	Altered expression of fractalkine in HIV-1-infected astrocytes and consequences for the virus-related neurotoxicity. <i>Journal of NeuroVirology</i> , 2021, 27, 279-301.	2.1	2
25	Essential contributions of enhancer genomic regulatory elements to microglial cell identity and functions. <i>Wiley Interdisciplinary Reviews: Systems Biology and Medicine</i> , 2019, 11, e1449.	6.6	1