Jacques Behmoaras

List of Publications by Year
in descending order

36 papers	1,516 citations	430874 18 h-index	377865 34 g-index
40 all docs	40 docs citations	40 times ranked	2696 citing authors

#	Article	IF	Citations
1	Cardiac glycosides are broad-spectrum senolytics. Nature Metabolism, 2019, 1, 1074-1088.	11.9	207
2	Systems genetics identifies Sestrin 3 as a regulator of a proconvulsant gene network in human epileptic hippocampus. Nature Communications, 2015, 6, 6031.	12.8	158
3	BCAT1 controls metabolic reprogramming in activated human macrophages and is associated with inflammatory diseases. Nature Communications, 2017, 8, 16040.	12.8	156
4	Common signalling pathways in macrophage and osteoclast multinucleation. Journal of Cell Science, 2018, 131, .	2.0	152
5	Jund is a determinant of macrophage activation and is associated with glomerulonephritis susceptibility. Nature Genetics, 2008, 40, 553-559.	21.4	86
6	Acute Iron Deprivation Reprograms Human Macrophage Metabolism and Reduces Inflammation InÂVivo. Cell Reports, 2019, 28, 498-511.e5.	6.4	75
7	Changes in macrophage transcriptome associate with systemic sclerosis and mediate <i>GSDMA</i> contribution to disease risk. Annals of the Rheumatic Diseases, 2018, 77, 596-601.	0.9	60
8	Longitudinal proteomic profiling of dialysis patients with COVID-19 reveals markers of severity and predictors of death. ELife, 2021, 10, .	6.0	58
9	Similarities and interplay between senescent cells and macrophages. Journal of Cell Biology, 2021, 220, .	5.2	57
10	Type I interferons affect the metabolic fitness of CD8+ T cells from patients with systemic lupus erythematosus. Nature Communications, 2021, 12, 1980.	12.8	56
11	Kcnn4 Is a Regulator of Macrophage Multinucleation in Bone Homeostasis and Inflammatory Disease. Cell Reports, 2014, 8, 1210-1224.	6.4	53
12	P2X7 receptor-mediated Nlrp3-inflammasome activation is a genetic determinant of macrophage-dependent crescentic glomerulonephritis. Journal of Leukocyte Biology, 2013, 93, 127-134.	3.3	50
13	Sphingolipid metabolism during Tollâ€like receptor 4 (TLR4)â€mediated macrophage activation. British Journal of Pharmacology, 2021, 178, 4575-4587.	5.4	33
14	Macrophage Epoxygenase Determines a Profibrotic Transcriptome Signature. Journal of Immunology, 2015, 194, 4705-4716.	0.8	28
15	Integrating Phosphoproteome and Transcriptome Reveals New Determinants of Macrophage Multinucleation. Molecular and Cellular Proteomics, 2015, 14, 484-498.	3.8	27
16	Combined ChIP-Seq and transcriptome analysis identifies AP-1/JunD as a primary regulator of oxidative stress and IL-1Î² synthesis in macrophages. BMC Genomics, 2013, 14, 92.	2.8	24
17	BCAT1 affects mitochondrial metabolism independently of leucine transamination in activated human macrophages. Journal of Cell Science, 2020, 133, .	2.0	24
18	A trans-eQTL network regulates osteoclast multinucleation and bone mass. ELife, 2020, 9, .	6.0	24

#	Article	IF	Citations
19	Genetic Loci Modulate Macrophage Activity and Glomerular Damage in Experimental Glomerulonephritis. Journal of the American Society of Nephrology: JASN, 2010, 21, 1136-1144.	6.1	23
20	Adipoclast: a multinucleated fat-eating macrophage. BMC Biology, 2021, 19, 246.	3.8	15
21	A Bayesian Approach for Analysis of Whole-Genome Bisulfite Sequencing Data Identifies Disease-Associated Changes in DNA Methylation. Genetics, 2017, 205, 1443-1458.	2.9	14
22	Epoxygenase inactivation exacerbates diet and aging-associated metabolic dysfunction resulting from impaired adipogenesis. Molecular Metabolism, 2018, 11, 18-32.	6.5	14
23	Genetic Susceptibility to Experimental Autoimmune Glomerulonephritis in the Wistar Kyoto Rat. American Journal of Pathology, 2012, 180, 1843-1851.	3.8	13
24	Experimental crescentic glomerulonephritis: a new bicongenic rat model. DMM Disease Models and Mechanisms, 2013, 6, 1477-86.	2.4	12
25	The versatile biochemistry of iron in macrophage effector functions. FEBS Journal, 2021, 288, 6972-6989.	4.7	12
26	Systems genetics identifies a macrophage cholesterol network associated with physiological wound healing. JCI Insight, 2019, 4, .	5.0	12
27	Role of Novel Rat-specific Fc Receptor in Macrophage Activation Associated with Crescentic Glomerulonephritis. Journal of Biological Chemistry, 2012, 287, 5710-5719.	3.4	11
28	Systems Genetics as a Tool to Identify Master Genetic Regulators in Complex Disease. Methods in Molecular Biology, 2017, 1488, 337-362.	0.9	11
29	Identification of Ceruloplasmin as a Gene that Affects Susceptibility to Glomerulonephritis Through Macrophage Function. Genetics, 2017, 206, 1139-1151.	2.9	11
30	Identification of a nutrient sensing transcriptional network in monocytes by using inbred rat models of cafeteria diet. DMM Disease Models and Mechanisms, 2016, 9, 1231-1239.	2.4	10
31	Cardiac glycosides cause cytotoxicity in human macrophages and ameliorate white adipose tissue homeostasis. British Journal of Pharmacology, 2022, 179, 1874-1886.	5.4	9
32	Response to: â€™M-CSF and GM-CSF monocyte-derived macrophages in systemic sclerosis: the two sides of the same coin?' by Lescoat <i>et al</i>. Annals of the Rheumatic Diseases, 2019, 78, e20-e20.	0.9	4
33	Unique Regulatory Properties of Mesangial Cells Are Genetically Determined in the Rat. PLoS ONE, 2014, 9, e111452.	2.5	4
34	Immunolipidomics Reveals a Globoside Network During the Resolution of Pro-Inflammatory Response in Human Macrophages. Frontiers in Immunology, 0, 13, .	4.8	4
35	Glomerulonephritis and autoimmune vasculitis are independent of <scp>P2RX7</scp> but may depend on alternative inflammasome pathways. Journal of Pathology, 2022, 257, 300-313.	4.5	3
36	Kallikreins: unravelling the genetics of autoimmune glomerulonephritis*. Nephrology Dialysis Transplantation, 2009, 24, 2987-2989.	0.7	0