Joseph El Khoury

List of Publications by Citations

62 papers	11,359 citations	34 h-index	67 g-index
67 ext. papers	13,943 ext. citations	11.1 avg, IF	6.22 L-index

#	Paper	IF	Citations
62	Neuroinflammation in Alzheimer's disease. *Lancet Neurology, The*, **2015**, 14, 388-405	24.1	2760
61	CD36 ligands promote sterile inflammation through assembly of a Toll-like receptor 4 and 6 heterodimer. *Nature Immunology*, **2010**, 11, 155-61	19.1	1017
60	The microglial sensome revealed by direct RNA sequencing. *Nature Neuroscience*, **2013**, 16, 1896-905	25.5	907
59	Microglial dysfunction and defective beta-amyloid clearance pathways in aging Alzheimer's disease mice. *Journal of Neuroscience*, **2008**, 28, 8354-60	6.6	861
58	Scavenger receptor-mediated adhesion of microglia to beta-amyloid fibrils. *Nature*, **1996**, 382, 716-9	50.4	684
57	Ccr2 deficiency impairs microglial accumulation and accelerates progression of Alzheimer-like disease. *Nature Medicine*, **2007**, 13, 432-8	50.5	674
56	Microglia in neurodegeneration. *Nature Neuroscience*, **2018**, 21, 1359-1369	25.5	506
55	Neuroimmunology of Traumatic Brain Injury: Time for a Paradigm Shift. *Neuron*, **2017**, 95, 1246-1265	13.9	300
54	A CD36-initiated signaling cascade mediates inflammatory effects of beta-amyloid. *Journal of Biological Chemistry*, **2002**, 277, 47373-9	5.4	270
53	Protection from lethal gram-positive infection by macrophage scavenger receptor-dependent phagocytosis. *Journal of Experimental Medicine*, **2000**, 191, 147-56	16.6	229
52	Mac-1 (CD11b/CD18) is an oligodeoxynucleotide-binding protein. *Nature Medicine*, **1997**, 3, 414-20	50.5	222
51	Methods for using Galleria mellonella as a model host to study fungal pathogenesis. *Virulence*, **2010**, 1, 475-82	4.7	217
50	Directly visualized glioblastoma-derived extracellular vesicles transfer RNA to microglia/macrophages in the brain. *Neuro-Oncology*, **2016**, 18, 58-69	1	192
49	Evolutionarily conserved recognition and innate immunity to fungal pathogens by the scavenger receptors SCARF1 and CD36. *Journal of Experimental Medicine*, **2009**, 206, 637-53	16.6	176
48	A Consensus Definitive Classification of Scavenger Receptors and Their Roles in Health and Disease. *Journal of Immunology*, **2017**, 198, 3775-3789	5.3	165
47	Microglia in Health and Disease. *Cold Spring Harbor Perspectives in Biology*, **2015**, 8, a020560	10.2	160
46	Mechanisms of microglia accumulation in Alzheimer's disease: therapeutic implications. *Trends in Pharmacological Sciences*, **2008**, 29, 626-32	13.2	141

45	TREM2 and the neuroimmunology of Alzheimer's disease. *Biochemical Pharmacology*, **2014**, 88, 495-8	6	139
44	The scavenger receptor SCARF1 mediates the clearance of apoptotic cells and prevents autoimmunity. *Nature Immunology*, **2013**, 14, 917-26	19.1	139
43	Standardizing scavenger receptor nomenclature. *Journal of Immunology*, **2014**, 192, 1997-2006	5.3	125
42	Scara1 deficiency impairs clearance of soluble amyloid-β by mononuclear phagocytes and accelerates Alzheimer's-like disease progression. *Nature Communications*, **2013**, 4, 2030	17.4	122
41	β-amyloid, microglia, and the inflammasome in Alzheimer's disease. *Seminars in Immunopathology*, **2015**, 37, 607-11	12	114
40	TREM2 Acts Downstream of CD33 in Modulating Microglial Pathology in Alzheimer's Disease. *Neuron*, **2019**, 103, 820-835.e7	13.9	109
39	Microglial scavenger receptors and their roles in the pathogenesis of Alzheimer's disease. *International Journal of Alzheimer's Disease*, **2012**, 2012, 489456	3.7	98
38	Glioblastoma-Associated Microglia Reprogramming Is Mediated by Functional Transfer of Extracellular miR-21. *Cell Reports*, **2019**, 28, 3105-3119.e7	10.6	89
37	Megf10 Is a Receptor for C1Q That Mediates Clearance of Apoptotic Cells by Astrocytes. *Journal of Neuroscience*, **2016**, 36, 5185-92	6.6	83
36	Mechanisms of mononuclear phagocyte recruitment in Alzheimer's disease. *CNS and Neurological Disorders - Drug Targets*, **2010**, 9, 168-73	2.6	78
35	A high content drug screen identifies ursolic acid as an inhibitor of amyloid beta protein interactions with its receptor CD36. *Journal of Biological Chemistry*, **2011**, 286, 34914-22	5.4	71
34	Cryptococcus neoformans Kin1 protein kinase homologue, identified through a Caenorhabditis elegans screen, promotes virulence in mammals. *Molecular Microbiology*, **2004**, 54, 407-19	4.1	69
33	Complementary roles for scavenger receptor A and CD36 of human monocyte-derived macrophages in adhesion to surfaces coated with oxidized low-density lipoproteins and in secretion of H2O2. *Journal of Experimental Medicine*, **1998**, 188, 2257-65	16.6	69
32	Borrelia burgdorferi stimulates macrophages to secrete higher levels of cytokines and chemokines than Borrelia afzelii or Borrelia garinii. *Journal of Infectious Diseases*, **2009**, 200, 1936-43	7	66
31	Roles of Microglial and Monocyte Chemokines and Their Receptors in Regulating Alzheimer's Disease-Associated Amyloid-β and Tau Pathologies. *Frontiers in Neurology*, **2018**, 9, 549	4.1	46
30	The receptor TREML4 amplifies TLR7-mediated signaling during antiviral responses and autoimmunity. *Nature Immunology*, **2015**, 16, 495-504	19.1	45
29	Time-Dependent Changes in Microglia Transcriptional Networks Following Traumatic Brain Injury. *Frontiers in Cellular Neuroscience*, **2019**, 13, 307	6.1	37
28	Microglia activation mediates fibrillar amyloid-β toxicity in the aged primate cortex. *Neurobiology of Aging*, **2011**, 32, 387-97	5.6	31

27	The role of TLR4 896 A>G and 1196 C>T in susceptibility to infections: a review and meta-analysis of genetic association studies. *PLoS ONE*, **2013**, 8, e81047	3.7	31
26	Non-invasively triggered spreading depolarizations induce a rapid pro-inflammatory response in cerebral cortex. *Journal of Cerebral Blood Flow and Metabolism*, **2020**, 40, 1117-1131	7.3	30
25	Glioblastoma hijacks microglial gene expression to support tumor growth. *Journal of Neuroinflammation*, **2020**, 17, 120	10.1	30
24	Heterozygous CX3CR1 Deficiency in Microglia Restores Neuronal β-Amyloid Clearance Pathways and Slows Progression of Alzheimer's Like-Disease in PS1-APP Mice. *Frontiers in Immunology*, **2019**, 10, 2780	8.4	27
23	Neurodegeneration and the neuroimmune system. *Nature Medicine*, **2010**, 16, 1369-70	50.5	26
22	Microglial dysfunction as a key pathological change in adrenomyeloneuropathy. *Annals of Neurology*, **2017**, 82, 813-827	9.4	25
21	COVID-19 in solid organ transplant recipients: Dynamics of disease progression and inflammatory markers in ICU and non-ICU admitted patients. *Transplant Infectious Disease*, **2020**, 22, e13407	2.7	25
20	The neuroimmune system in Alzheimer's disease: the glass is half full. *Journal of Alzheimer's Disease* , **2013**, 33 Suppl 1, S295-302	4.3	22
19	Characteristics and Outcomes of Latinx Patients With COVID-19 in Comparison With Other Ethnic and Racial Groups. *Open Forum Infectious Diseases*, **2020**, 7, ofaa401	1	17
18	A fluorescence technique to distinguish attached from ingested erythrocytes and zymosan particles in phagocytosing macrophages. *Journal of Immunological Methods*, **1991**, 139, 115-22	2.5	16
17	Interleukin-1 Receptor 1 Deletion in Focal and Diffuse Experimental Traumatic Brain Injury in Mice. *Journal of Neurotrauma*, **2019**, 36, 370-379	5.4	15
16	Repetitive head injury in adolescent mice: A role for vascular inflammation. *Journal of Cerebral Blood Flow and Metabolism*, **2019**, 39, 2196-2209	7.3	14
15	Scavenger receptors. *Current Biology*, **2020**, 30, R790-R795	6.3	12
14	Analysis of the Microglial Sensome. *Methods in Molecular Biology*, **2019**, 2034, 305-323	1.4	10
13	Postmenopausal tubo-ovarian abscess due to Pseudomonas aeruginosa in a renal transplant patient: a case report and review of the literature. *Transplantation*, **2001**, 72, 1241-4	1.8	9
12	Postmortem Adult Human Microglia Proliferate in Culture to High Passage and Maintain Their Response to Amyloid-β *Journal of Alzheimer's Disease*, **2016**, 54, 1157-1167	4.3	7
11	Four-dimensional microglia response to anti-Aβ treatment in APP/PS1xCX3CR1/GFP mice. *Intravital* , **2013**, 2,		6
10	GlioM&M: Web-based tool for studying circulating and infiltrating monocytes and macrophages in glioma. *Scientific Reports*, **2020**, 10, 9898	4.9	5

List of Publications

9	Linking indirect effects of cytomegalovirus in transplantation to modulation of monocyte innate immune function. *Science Advances*, **2020**, 6, eaax9856	14.3	4
8	Comparative Analysis Identifies Similarities between the Human and Murine Microglial Sensomes. *International Journal of Molecular Sciences*, **2021**, 22,	6.3	4
7	The blood-brain barrier and pathogens: Hadrian's Wall or a Dardanian gate?. *Virulence*, **2012**, 3, 157-8	4.7	3
6	Comorbidities and Age Are Associated With Persistent COVID-19 PCR Positivity. *Frontiers in Cellular and Infection Microbiology*, **2021**, 11, 650753	5.9	3
5	Repetitive Traumatic Brain Injury Causes Neuroinflammation before Tau Pathology in Adolescent P301S Mice. *International Journal of Molecular Sciences*, **2021**, 22,	6.3	3
4	SCARF1-Induced Efferocytosis Plays an Immunomodulatory Role in Humans, and Autoantibodies Targeting SCARF1 Are Produced in Patients with Systemic Lupus Erythematosus.. *Journal of Immunology*, **2022**,	5.3	1
3	Genetic inhibition of RIPK3 ameliorates functional outcome in controlled cortical impact independent of necroptosis. *Cell Death and Disease*, **2021**, 12, 1064	9.8	1
2	CRISPR-Cas knockout of miR21 reduces glioma growth.. *Molecular Therapy - Oncolytics*, **2022**, 25, 121-136	6.4	0
1	S4-02-04: MOLECULAR SIGNTAURES OF MICROGLIA IN AGING AND NEURODEGENERATION **2014**, 10, P240-P241		