

# Josef Anrather

## List of Publications by Year in descending order

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Version: 2024-02-01

43  
papers

7,550  
citations

201674

27  
h-index

361022

35  
g-index

44  
all docs

44  
docs citations

44  
times ranked

11271  
citing authors

#	ARTICLE	IF	CITATIONS
1	The immunology of stroke: from mechanisms to translation. <i>Nature Medicine</i> , 2011, 17, 796-808.	30.7	2,006
2	Carbon Monoxide Generated by Heme Oxygenase 1 Suppresses Endothelial Cell Apoptosis. <i>Journal of Experimental Medicine</i> , 2000, 192, 1015-1026.	8.5	910
3	Commensal microbiota affects ischemic stroke outcome by regulating intestinal $\gamma\delta$ T cells. <i>Nature Medicine</i> , 2016, 22, 516-523.	30.7	770
4	Inflammation and Stroke: An Overview. <i>Neurotherapeutics</i> , 2016, 13, 661-670.	4.4	631
5	Effects of COVID-19 on the Nervous System. <i>Cell</i> , 2020, 183, 16-27.e1.	28.9	526
6	Immune responses to stroke: mechanisms, modulation, and therapeutic potential. <i>Journal of Clinical Investigation</i> , 2020, 130, 2777-2788.	8.2	344
7	NF- $\kappa$ B Regulates Phagocytic NADPH Oxidase by Inducing the Expression of gp91. <i>Journal of Biological Chemistry</i> , 2006, 281, 5657-5667.	3.4	333
8	Immune interventions in stroke. <i>Nature Reviews Neurology</i> , 2015, 11, 524-535.	10.1	296
9	Size-selective opening of the blood-brain barrier by targeting endothelial sphingosine 1-phosphate receptor 1. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 4531-4536.	7.1	167
10	Brain Perivascular Macrophages Initiate the Neurovascular Dysfunction of Alzheimer A $\beta$ Peptides. <i>Circulation Research</i> , 2017, 121, 258-269.	4.5	159
11	Brain perivascular macrophages: characterization and functional roles in health and disease. <i>Journal of Molecular Medicine</i> , 2017, 95, 1143-1152.	3.9	143
12	Dietary salt promotes cognitive impairment through tau phosphorylation. <i>Nature</i> , 2019, 574, 686-690.	27.8	140
13	Inducible Nitric Oxide Synthase in Neutrophils and Endothelium Contributes to Ischemic Brain Injury in Mice. <i>Journal of Immunology</i> , 2014, 193, 2531-2537.	0.8	112
14	Endothelium-Macrophage Crosstalk Mediates Blood-Brain Barrier Dysfunction in Hypertension. <i>Hypertension</i> , 2020, 76, 795-807.	2.7	91
15	cis-Acting Element-specific Transcriptional Activity of Differentially Phosphorylated Nuclear Factor- $\kappa$ B. <i>Journal of Biological Chemistry</i> , 2005, 280, 244-252.	3.4	87
16	Spatio-temporal profile, phenotypic diversity, and fate of recruited monocytes into the post-ischemic brain. <i>Journal of Neuroinflammation</i> , 2016, 13, 285.	7.2	83
17	Th17 and Cognitive Impairment: Possible Mechanisms of Action. <i>Frontiers in Neuroanatomy</i> , 2019, 13, 95.	1.7	81
18	Tau induces PSD95 neuronal NOS uncoupling and neurovascular dysfunction independent of neurodegeneration. <i>Nature Neuroscience</i> , 2020, 23, 1079-1089.	14.8	78

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19	The Myelin and Lymphocyte Protein MAL Is Required for Binding and Activity of Clostridium perfringens $\hat{\mu}$ -Toxin. <i>PLoS Pathogens</i> , 2015, 11, e1004896.	4.7	69
20	Distinct Commensal Bacterial Signature in the Gut Is Associated With Acute and Long-Term Protection From Ischemic Stroke. <i>Stroke</i> , 2020, 51, 1844-1854.	2.0	60
21	Microbiota differences between commercial breeders impacts the post-stroke immune response. <i>Brain, Behavior, and Immunity</i> , 2017, 66, 23-30.	4.1	58
22	Endogenous Protection from Ischemic Brain Injury by Preconditioned Monocytes. <i>Journal of Neuroscience</i> , 2018, 38, 6722-6736.	3.6	57
23	Diverse Inflammatory Response After Cerebral Microbleeds Includes Coordinated Microglial Migration and Proliferation. <i>Stroke</i> , 2018, 49, 1719-1726.	2.0	53
24	Endothelial CD36 Contributes to Postischemic Brain Injury by Promoting Neutrophil Activation via CSF3. <i>Journal of Neuroscience</i> , 2015, 35, 14783-14793.	3.6	48
25	SUMO2/3 is Associated with Ubiquitinated Protein Aggregates in the Mouse Neocortex after Middle Cerebral Artery Occlusion. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2015, 35, 1-5.	4.3	35
26	Stroke affects intestinal immune cell trafficking to the central nervous system. <i>Brain, Behavior, and Immunity</i> , 2021, 96, 295-302.	4.1	34
27	tPA Deficiency Underlies Neurovascular Coupling Dysfunction by Amyloid- $\hat{\beta}$ . <i>Journal of Neuroscience</i> , 2020, 40, 8160-8173.	3.6	33
28	Purinergic Signaling Induces Cyclooxygenase-1-Dependent Prostanoid Synthesis in Microglia: Roles in the Outcome of Excitotoxic Brain Injury. <i>PLoS ONE</i> , 2011, 6, e25916.	2.5	30
29	The ubiquitin ligase HERC3 attenuates NF- $\hat{\kappa}$ B-dependent transcription independently of its enzymatic activity by delivering the RelA subunit for degradation. <i>Nucleic Acids Research</i> , 2015, 43, gkv1064.	14.5	26
30	Lipoprotein Receptor-Related Protein-6 Protects the Brain From Ischemic Injury. <i>Stroke</i> , 2013, 44, 2284-2291.	2.0	25
31	AGO CLIP Reveals an Activated Network for Acute Regulation of Brain Glutamate Homeostasis in Ischemic Stroke. <i>Cell Reports</i> , 2019, 28, 979-991.e6.	6.4	20
32	Biological Networks in Ischemic Tolerance â€” Rethinking the Approach to Clinical Conditioning. <i>Translational Stroke Research</i> , 2013, 4, 114-129.	4.2	18
33	Role of microglial and endothelial CD36 in post-ischemic inflammasome activation and interleukin-1 $\hat{\beta}$ -induced endothelial activation. <i>Brain, Behavior, and Immunity</i> , 2021, 95, 489-501.	4.1	17
34	Ablation of nasal-associated lymphoid tissue does not affect focal ischemic brain injury in mice. <i>PLoS ONE</i> , 2018, 13, e0205470.	2.5	5
35	Inflammation and Immune Response. , 2022, , 117-128.e5.		2
36	Abstract 149: CD36 in Perivascular Macrophages Contributes to Neurovascular and Cognitive Dysfunction and Amyloid Angiopathy in Mice Overexpressing the Alzheimer A $\hat{\beta}$ Peptide. <i>Stroke</i> , 2018, 49, .	2.0	2

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37	Reply to: Mannose-binding lectinâ€”the forgotten molecule?. Nature Medicine, 2011, 17, 1548-1548.	30.7	0
38	EP1 receptors are responsible for COX-2 mediated neurotoxicity. Journal of Cerebral Blood Flow and Metabolism, 2005, 25, S424-S424.	4.3	0
39	Activation of angiotensin II (AngII) typeâ€”2 receptors (AT2R) modulates voltageâ€”gated Ca <sup>2+</sup> currents in dorsomedial NTS (dmNTS) neurons through nitric oxide (NO). FASEB Journal, 2008, 22, 1168.7.	0.5	0
40	Prostaglandin E2 typeâ€”1 (EP1) receptors are required for the cerebrovascular dysfunction induced by angiotensin II (AngII). FASEB Journal, 2008, 22, 1237.2.	0.5	0
41	Cyclooxygenase (COX)â€”1 derived prostaglandin E2 (PGE2) acting on its type 1 receptor (EP1R) mediates slowâ€”pressor angiotensinâ€”II (AngII) hypertension. FASEB Journal, 2009, 23, 802.2.	0.5	0
42	Phospholipases A2 (PLA2) and cyclooxygenase 1 (COXâ€”1) are critical for angiotensin II (Angâ€”II)â€”induced reactive oxygen species (ROS) production and Lâ€”type Ca <sup>2+</sup> current in subfornical organ (SFO) neurons. FASEB Journal, 2012, 26, .	0.5	0
43	Abstract TMP94: Dietary Salt Impairs Cognitive Function Through Suppression of Endothelial Nitric Oxide Synthesis and Hippocampal BDNF Signaling. Stroke, 2018, 49, .	2.0	0