Josef Anrather

List of Publications by Year
in descending order

43 papers	7,550 citations	201575 27 h-index	360920 35 g-index
44 all docs	44 docs citations	44 times ranked	11271 citing authors

#	Article	IF	Citations
1	Inflammation and Immune Response. , 2022, , 117-128.e5.		2
2	Role of microglial and endothelial CD36 in post-ischemic inflammasome activation and interleukin-1Î²-induced endothelial activation. Brain, Behavior, and Immunity, 2021, 95, 489-501.	2.0	17
3	Stroke affects intestinal immune cell trafficking to the central nervous system. Brain, Behavior, and Immunity, 2021, 96, 295-302.	2.0	34
4	Effects of COVID-19 on the Nervous System. Cell, 2020, 183, 16-27.e1.	13.5	526
5	Endothelium-Macrophage Crosstalk Mediates Blood-Brain Barrier Dysfunction in Hypertension. Hypertension, 2020, 76, 795-807.	1.3	91
6	Tau induces PSD95â€"neuronal NOS uncoupling and neurovascular dysfunction independent of neurodegeneration. Nature Neuroscience, 2020, 23, 1079-1089.	7.1	78
7	tPA Deficiency Underlies Neurovascular Coupling Dysfunction by Amyloid-Î². Journal of Neuroscience, 2020, 40, 8160-8173.	1.7	33
8	Distinct Commensal Bacterial Signature in the Gut Is Associated With Acute and Long-Term Protection From Ischemic Stroke. Stroke, 2020, 51, 1844-1854.	1.0	60
9	Immune responses to stroke: mechanisms, modulation, and therapeutic potential. Journal of Clinical Investigation, 2020, 130, 2777-2788.	3.9	344
10	AGO CLIP Reveals an Activated Network for Acute Regulation of Brain Glutamate Homeostasis in Ischemic Stroke. Cell Reports, 2019, 28, 979-991.e6.	2.9	20
11	Th17 and Cognitive Impairment: Possible Mechanisms of Action. Frontiers in Neuroanatomy, 2019, 13, 95.	0.9	81
12	Dietary salt promotes cognitive impairment through tau phosphorylation. Nature, 2019, 574, 686-690.	13.7	140
13	Ablation of nasal-associated lymphoid tissue does not affect focal ischemic brain injury in mice. PLoS ONE, 2018, 13, e0205470.	1.1	5
14	Diverse Inflammatory Response After Cerebral Microbleeds Includes Coordinated Microglial Migration and Proliferation. Stroke, 2018, 49, 1719-1726.	1.0	53
15	Endogenous Protection from Ischemic Brain Injury by Preconditioned Monocytes. Journal of Neuroscience, 2018, 38, 6722-6736.	1.7	57
16	Abstract 149: CD36 in Perivascular Macrophages Contributes to Neurovascular and Cognitive Dysfunction and Amyloid Angiopathy in Mice Overexpressing the Alzheimer AÎ² Peptide. Stroke, 2018, 49, .	1.0	2
17	Abstract TMP94: Dietary Salt Impairs Cognitive Function Through Suppression of Endothelial Nitric Oxide Synthesis and Hippocampal BDNF Signaling. Stroke, 2018, 49, .	1.0	0
18	Size-selective opening of the bloodâ€"brain barrier by targeting endothelial sphingosine 1â€"phosphate receptor 1. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 4531-4536.	3.3	167

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19	Brain Perivascular Macrophages Initiate the Neurovascular Dysfunction of Alzheimer Aî² Peptides. Circulation Research, 2017, 121, 258-269.	2.0	159
20	Microbiota differences between commercial breeders impacts the post-stroke immune response. Brain, Behavior, and Immunity, 2017, 66, 23-30.	2.0	58
21	Brain perivascular macrophages: characterization and functional roles in health and disease. Journal of Molecular Medicine, 2017, 95, 1143-1152.	1.7	143
22	Inflammation and Stroke: An Overview. Neurotherapeutics, 2016, 13, 661-670.	2.1	631
23	Spatio-temporal profile, phenotypic diversity, and fate of recruited monocytes into the post-ischemic brain. Journal of Neuroinflammation, 2016, 13, 285.	3.1	83
24	Commensal microbiota affects ischemic stroke outcome by regulating intestinal Î³Î´ T cells. Nature Medicine, 2016, 22, 516-523.	15.2	770
25	Endothelial CD36 Contributes to Postischemic Brain Injury by Promoting Neutrophil Activation via CSF3. Journal of Neuroscience, 2015, 35, 14783-14793.	1.7	48
26	The Myelin and Lymphocyte Protein MAL Is Required for Binding and Activity of Clostridium perfringens Îµ-Toxin. PLoS Pathogens, 2015, 11, e1004896.	2.1	69
27	The ubiquitin ligase HERC3 attenuates NF-Îº B-dependent transcription independently of its enzymatic activity by delivering the RelA subunit for degradation. Nucleic Acids Research, 2015, 43, gkv1064.	6.5	26
28	Immune interventions in stroke. Nature Reviews Neurology, 2015, 11, 524-535.	4.9	296
29	SUMO2/3 is Associated with Ubiquitinated Protein Aggregates in the Mouse Neocortex after Middle Cerebral Artery Occlusion. Journal of Cerebral Blood Flow and Metabolism, 2015, 35, 1-5.	2.4	35
30	Inducible Nitric Oxide Synthase in Neutrophils and Endothelium Contributes to Ischemic Brain Injury in Mice. Journal of Immunology, 2014, 193, 2531-2537.	0.4	112
31	Biological Networks in Ischemic Tolerance â€" Rethinking the Approach to Clinical Conditioning. Translational Stroke Research, 2013, 4, 114-129.	2.3	18
32	Lipoprotein Receptorâ€"Related Protein-6 Protects the Brain From Ischemic Injury. Stroke, 2013, 44, 2284-2291.	1.0	25
33	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 Ca2+ current in subfornical organ (SFO) neurons. FASEB Journal, 2012, 26, .	0.2	0
34	The immunology of stroke: from mechanisms to translation. Nature Medicine, 2011, 17, 796-808.	15.2	2,006
35	Reply to: Mannose-binding lectinâ€"the forgotten molecule?. Nature Medicine, 2011, 17, 1548-1548.	15.2	0
36	Purinergic Signaling Induces Cyclooxygenase-1-Dependent Prostanoid Synthesis in Microglia: Roles in the Outcome of Excitotoxic Brain Injury. PLoS ONE, 2011, 6, e25916.	1.1	30

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37	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.	0.2	0
38	Activation of angiotensin II (AngII) typeâ€2 receptors (AT2R) modulates voltageâ€gated Ca2+ currents in dorsomedial NTS (dmNTS) neurons through nitric oxide (NO). FASEB Journal, 2008, 22, 1168.7.	0.2	0
39	Prostaglandin E2 typeâ€1 (EP1) receptors are required for the cerebrovascular dysfunction induced by angiotensin II (AngII). FASEB Journal, 2008, 22, 1237.2.	0.2	0
40	NF-Î°B Regulates Phagocytic NADPH Oxidase by Inducing the Expression of gp91. Journal of Biological Chemistry, 2006, 281, 5657-5667.	1.6	333
41	cis-Acting Element-specific Transcriptional Activity of Differentially Phosphorylated Nuclear Factor-Î°B. Journal of Biological Chemistry, 2005, 280, 244-252.	1.6	87
42	EP1 receptors are responsible for COX-2 mediated neurotoxicity. Journal of Cerebral Blood Flow and Metabolism, 2005, 25, S424-S424.	2.4	0
43	Carbon Monoxide Generated by Heme Oxygenase 1 Suppresses Endothelial Cell Apoptosis. Journal of Experimental Medicine, 2000, 192, 1015-1026.	4.2	910