

Michelangelo Certo

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

1,254
citations

567281

15
h-index

752698

20
g-index

21
all docs

21
docs citations

21
times ranked

1774
citing authors

#	ARTICLE	IF	CITATIONS
1	Lactate modulation of immune responses in inflammatory versus tumour microenvironments. <i>Nature Reviews Immunology</i> , 2021, 21, 151-161.	22.7	330
2	Lactate Buildup at the Site of Chronic Inflammation Promotes Disease by Inducing CD4+ T Cell Metabolic Rewiring. <i>Cell Metabolism</i> , 2019, 30, 1055-1074.e8.	16.2	266
3	Rational modulation of the innate immune system for neuroprotection in ischemic stroke. <i>Frontiers in Neuroscience</i> , 2015, 9, 147.	2.8	168
4	Azithromycin protects mice against ischemic stroke injury by promoting macrophage transition towards M2 phenotype. <i>Experimental Neurology</i> , 2016, 275, 116-125.	4.1	81
5	Activation of RXR/PPAR β underlies neuroprotection by bexarotene in ischemic stroke. <i>Pharmacological Research</i> , 2015, 102, 298-307.	7.1	57
6	Metabolic Checkpoints in Rheumatoid Arthritis. <i>Frontiers in Physiology</i> , 2020, 11, 347.	2.8	41
7	Fatty acids “from energy substrates to key regulators of cell survival, proliferation and effector function. <i>Cell Stress</i> , 2020, 4, 9-23.	3.2	34
8	Understanding the Multifaceted Role of Inflammatory Mediators in Ischemic Stroke. <i>Current Medicinal Chemistry</i> , 2014, 21, 2098-2117.	2.4	34
9	Selective neuronal silencing using synthetic botulinum molecules alleviates chronic pain in mice. <i>Science Translational Medicine</i> , 2018, 10, .	12.4	32
10	Omega-3 polyunsaturated fatty acids impinge on CD4+ T cell motility and adipose tissue distribution via direct and lipid mediator-dependent effects. <i>Cardiovascular Research</i> , 2020, 116, 1006-1020.	3.8	32
11	Endothelial cell and T cell crosstalk: Targeting metabolism as a therapeutic approach in chronic inflammation. <i>British Journal of Pharmacology</i> , 2021, 178, 2041-2059.	5.4	30
12	Lactate: Fueling the fire starter. <i>Wiley Interdisciplinary Reviews: Systems Biology and Medicine</i> , 2020, 12, e1474.	6.6	29
13	Early reperfusion injury is associated to MMP2 and IL-1 β elevation in cortical neurons of rats subjected to middle cerebral artery occlusion. <i>Neuroscience</i> , 2014, 277, 755-763.	2.3	27
14	Neuroprotective Properties of a Macrolide Antibiotic in a Mouse Model of Middle Cerebral Artery Occlusion: Characterization of the Immunomodulatory Effects and Validation of the Efficacy of Intravenous Administration. <i>Assay and Drug Development Technologies</i> , 2016, 14, 298-307.	1.2	21
15	Neuroprotection by the PARP inhibitor PJ34 modulates cerebral and circulating RAGE levels in rats exposed to focal brain ischemia. <i>European Journal of Pharmacology</i> , 2014, 744, 91-97.	3.5	19
16	Caspase-1-independent Maturation of IL-1 β in Ischemic Brain Injury: is there a Role for Gelatinases?. <i>Mini-Reviews in Medicinal Chemistry</i> , 2016, 16, 729-737.	2.4	15
17	Differential Metabotypes in Synovial Fibroblasts and Synovial Fluid in Hip Osteoarthritis Patients Support Inflammatory Responses. <i>International Journal of Molecular Sciences</i> , 2022, 23, 3266.	4.1	13
18	Tolerogenic effects of 1,25-dihydroxyvitamin D on dendritic cells involve induction of fatty acid synthesis. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2021, 211, 105891.	2.5	11

#	ARTICLE	IF	CITATIONS
19	Understanding the role of host metabolites in the induction of immunesenescence: future strategies for keeping the ageing population healthy. <i>British Journal of Pharmacology</i> , 2021, , .	5.4	10
20	Drug repurposing and beyond: the fundamental role of pharmacology. <i>Functional Neurology</i> , 2015, 30, 79-81.	1.3	4
21	Selective neuronal silencing using synthetic botulinum molecules alleviates persistent pain states. <i>Toxicon</i> , 2018, 156, S72.	1.6	0