Michelangelo Certo

List of Publications by Year
in descending order

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	Differential Metabotypes in Synovial Fibroblasts and Synovial Fluid in Hip Osteoarthritis Patients Support Inflammatory Responses. International Journal of Molecular Sciences, 2022, 23, 3266.	4.1	13
2	Endothelial cell and Tâ€cell crosstalk: Targeting metabolism as a therapeutic approach in chronic inflammation. British Journal of Pharmacology, 2021, 178, 2041-2059.	5.4	30
3	Lactate modulation of immune responses in inflammatory versus tumour microenvironments. Nature Reviews Immunology, 2021, 21, 151-161.	22.7	330
4	Tolerogenic effects of 1,25-dihydroxyvitamin D on dendritic cells involve induction of fatty acid synthesis. Journal of Steroid Biochemistry and Molecular Biology, 2021, 211, 105891.	2.5	11
5	Understanding the role of host metabolites in the induction of immunesenescence: future strategies for keeping the ageing population healthy. British Journal of Pharmacology, 2021, , .	5.4	10
6	Omega-3 polyunsaturated fatty acids impinge on CD4+ T cell motility and adipose tissue distribution via direct and lipid mediator-dependent effects. Cardiovascular Research, 2020, 116, 1006-1020.	3.8	32
7	Lactate: Fueling the fire starter. Wiley Interdisciplinary Reviews: Systems Biology and Medicine, 2020, 12, e1474.	6.6	29
8	Metabolic Checkpoints in Rheumatoid Arthritis. Frontiers in Physiology, 2020, 11, 347.	2.8	41
9	Fatty acids â€“ from energy substrates to key regulators of cell survival, proliferation and effector function. Cell Stress, 2020, 4, 9-23.	3.2	34
10	Lactate Buildup at the Site of Chronic Inflammation Promotes Disease by Inducing CD4+ T Cell Metabolic Rewiring. Cell Metabolism, 2019, 30, 1055-1074.e8.	16.2	266
11	Selective neuronal silencing using synthetic botulinum molecules alleviates persistent pain states. Toxicon, 2018, 156, S72.	1.6	0
12	Selective neuronal silencing using synthetic botulinum molecules alleviates chronic pain in mice. Science Translational Medicine, 2018, 10, .	12.4	32
13	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. Assay and Drug Development Technologies, 2016, 14, 298-307.	1.2	21
14	Azithromycin protects mice against ischemic stroke injury by promoting macrophage transition towards M2 phenotype. Experimental Neurology, 2016, 275, 116-125.	4.1	81
15	Caspase-1-independent Maturation of IL-1? in Ischemic Brain Injury: is there a Role for Gelatinases?. Mini-Reviews in Medicinal Chemistry, 2016, 16, 729-737.	2.4	15
16	Rational modulation of the innate immune system for neuroprotection in ischemic stroke. Frontiers in Neuroscience, 2015, 9, 147.	2.8	168
17	Activation of RXR/PPARÎ³ underlies neuroprotection by bexarotene in ischemic stroke. Pharmacological Research, 2015, 102, 298-307.	7.1	57
18	Drug repurposing and beyond: the fundamental role of pharmacology. Functional Neurology, 2015, 30, 79-81.	1.3	4

#	Article	IF	Citations
19	Early reperfusion injury is associated to MMP2 and IL-1Î² elevation in cortical neurons of rats subjected to middle cerebral artery occlusion. Neuroscience, 2014, 277, 755-763.	2.3	27
20	Neuroprotection by the PARP inhibitor PJ34 modulates cerebral and circulating RAGE levels in rats exposed to focal brain ischemia. European Journal of Pharmacology, 2014, 744, 91-97.	3.5	19
21	Understanding the Multifaceted Role of Inflammatory Mediators in Ischemic Stroke. Current Medicinal Chemistry, 2014, 21, 2098-2117.	2.4	34