Stefano Angiari

List of Publications by Year
in descending order

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30 papers	3,198 citations	361045 20 h-index	476904 29 g-index
30 all docs	30 docs citations	30 times ranked	5584 citing authors

#	Article	IF	Citations
1	Neutrophils promote Alzheimer's diseaseâ€“like pathology and cognitive decline via LFA-1 integrin. Nature Medicine, 2015, 21, 880-886.	15.2	589
2	A role for leukocyte-endothelial adhesion mechanisms in epilepsy. Nature Medicine, 2008, 14, 1377-1383.	15.2	453
3	Adipose-Derived Mesenchymal Stem Cells Ameliorate Chronic Experimental Autoimmune Encephalomyelitis. Stem Cells, 2009, 27, 2624-2635.	1.4	370
4	The Immunomodulatory Metabolite Itaconate Modifies NLRP3 and Inhibits Inflammasome Activation. Cell Metabolism, 2020, 32, 468-478.e7.	7.2	283
5	Circadian clock protein BMAL1 regulates IL-1Î² in macrophages via NRF2. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E8460-E8468.	3.3	230
6	Human Adipose-Derived Mesenchymal Stem Cells Systemically Injected Promote Peripheral Nerve Regeneration in the Mouse Model of Sciatic Crush. Tissue Engineering - Part A, 2012, 18, 1264-1272.	1.6	167
7	Pharmacological Activation of Pyruvate Kinase M2 Inhibits CD4+ T Cell Pathogenicity and Suppresses Autoimmunity. Cell Metabolism, 2020, 31, 391-405.e8.	7.2	164
8	Vascular inflammation in central nervous system diseases: adhesion receptors controlling leukocyteâ€“endothelial interactions. Journal of Leukocyte Biology, 2010, 89, 539-556.	1.5	136
9	An unexpected link between fatty acid synthase and cholesterol synthesis in proinflammatory macrophage activation. Journal of Biological Chemistry, 2018, 293, 5509-5521.	1.6	136
10	Itaconate and itaconate derivatives target JAK1 to suppress alternative activation of macrophages. Cell Metabolism, 2022, 34, 487-501.e8.	7.2	107
11	Mutations of Cystic Fibrosis Transmembrane Conductance Regulator Gene Cause a Monocyte-Selective Adhesion Deficiency. American Journal of Respiratory and Critical Care Medicine, 2016, 193, 1123-1133.	2.5	62
12	Nanovesicles from adipose-derived mesenchymal stem cells inhibit T lymphocyte trafficking and ameliorate chronic experimental autoimmune encephalomyelitis. Scientific Reports, 2018, 8, 7473.	1.6	61
13	TIM-1 Glycoprotein Binds the Adhesion Receptor P-Selectin and Mediates T Cell Trafficking during Inflammation and Autoimmunity. Immunity, 2014, 40, 542-553.	6.6	60
14	Glutathione Transferase Omega-1 Regulates NLRP3 Inflammasome Activation through NEK7 Deglutathionylation. Cell Reports, 2019, 29, 151-161.e5.	2.9	58
15	Regulatory T Cells Suppress the Late Phase of the Immune Response in Lymph Nodes through P-Selectin Glycoprotein Ligand-1. Journal of Immunology, 2013, 191, 5489-5500.	0.4	47
16	Use of imaging to study leukocyte trafficking in the central nervous system. Immunology and Cell Biology, 2013, 91, 271-280.	1.0	43
17	Microglia immunometabolism: From metabolic disorders to single cell metabolism. Seminars in Cell and Developmental Biology, 2019, 94, 129-137.	2.3	29
18	Regulation of T cell trafficking by the T cell immunoglobulin and mucin domain 1 glycoprotein. Trends in Molecular Medicine, 2014, 20, 675-684.	3.5	24

#	Article	IF	Citations
19	Dimethyl fumarate: targeting glycolysis to treat MS. Cell Research, 2018, 28, 613-615.	5.7	22
20	Inverse agonism of cannabinoid CB1 receptor blocks the adhesion of encephalitogenic T cells in inflamed brain venules by a protein kinase A-dependent mechanism. Journal of Neuroimmunology, 2011, 233, 97-105.	1.1	21
21	Histamine regulates autoreactive T cell activation and adhesiveness in inflamed brain microcirculation. Journal of Leukocyte Biology, 2010, 89, 259-267.	1.5	21
22	Metabolite Transporters as Regulators of Immunity. Metabolites, 2020, 10, 418.	1.3	21
23	Selectin-mediated leukocyte trafficking during the development of autoimmune disease. Autoimmunity Reviews, 2015, 14, 984-995.	2.5	19
24	LFA-1 Controls Th1 and Th17 Motility Behavior in the Inflamed Central Nervous System. Frontiers in Immunology, 2019, 10, 2436.	2.2	19
25	Neurotoxicity and synaptic plasticity impairment of N-acetylglucosamine polymers: implications for Alzheimer's disease. Neurobiology of Aging, 2015, 36, 1780-1791.	1.5	17
26	Selectins and their ligands as potential immunotherapeutic targets in neurological diseases. Immunotherapy, 2013, 5, 1207-1220.	1.0	14
27	The Role of T Cell Senescence in Neurological Diseases and Its Regulation by Cellular Metabolism. Frontiers in Immunology, 2021, 12, 706434.	2.2	11
28	Metabolic determinants of leukocyte pathogenicity in neurological diseases. Journal of Neurochemistry, 2021, 158, 36-58.	2.1	10
29	Development of Central Nervous System Autoimmunity Is Impaired in the Absence of Wiskott-Aldrich Syndrome Protein. PLoS ONE, 2014, 9, e86942.	1.1	2
30	Editorial: Cell-Cell Interactions Controlling Neuronal Functionality in Health and Disease. Frontiers in Integrative Neuroscience, 0, 16, .	1.0	2