Fortunata Carbone

List of Publications by Year
in descending order

29 papers	2,258 citations	304743 22 h-index	454955 30 g-index
31 all docs	31 docs citations	31 times ranked	4365 citing authors

#	Article	IF	Citations
1	An Oscillatory Switch in mTOR Kinase Activity Sets Regulatory T Cell Responsiveness. Immunity, 2010, 33, 929-941.	14.3	312
2	The immunology of pregnancy: Regulatory T cells control maternal immune tolerance toward the fetus. Immunology Letters, 2014, 162, 41-48.	2.5	212
3	The Proteomic Landscape of Human ExÂVivo Regulatory and Conventional T Cells Reveals Specific Metabolic Requirements. Immunity, 2016, 44, 406-421.	14.3	201
4	Regulatory T cell proliferative potential is impaired in human autoimmune disease. Nature Medicine, 2014, 20, 69-74.	30.7	189
5	Immunological functions of leptin and adiponectin. Biochimie, 2012, 94, 2082-2088.	2.6	173
6	Efficacy of Metreleptin in Obese Patients With Type 2 Diabetes: Cellular and Molecular Pathways Underlying Leptin Tolerance. Diabetes, 2011, 60, 1647-1656.	0.6	129
7	Leptin-Induced mTOR Activation Defines a Specific Molecular and Transcriptional Signature Controlling CD4+ Effector T Cell Responses. Journal of Immunology, 2012, 189, 2941-2953.	0.8	121
8	Leptin as immune mediator: Interaction between neuroendocrine and immune system. Developmental and Comparative Immunology, 2017, 66, 120-129.	2.3	86
9	Role of Adipokines Signaling in the Modulation of T Cells Function. Frontiers in Immunology, 2013, 4, 332.	4.8	82
10	Leptin Modulates the Survival of Autoreactive CD4+ T Cells through the Nutrient/Energy-Sensing Mammalian Target of Rapamycin Signaling Pathway. Journal of Immunology, 2010, 185, 7474-7479.	0.8	80
11	Molecular Mechanisms Controlling Foxp3 Expression in Health and Autoimmunity: From Epigenetic to Post-translational Regulation. Frontiers in Immunology, 2019, 10, 3136.	4.8	74
12	Obesity worsens central inflammation and disability in multiple sclerosis. Multiple Sclerosis Journal, 2020, 26, 1237-1246.	3.0	72
13	Immunometabolic profiling of T cells from patients with relapsing-remitting multiple sclerosis reveals an impairment in glycolysis and mitochondrial respiration. Metabolism: Clinical and Experimental, 2017, 77, 39-46.	3.4	67
14	Obesity and susceptibility to autoimmune diseases. Expert Review of Clinical Immunology, 2011, 7, 287-294.	3.0	61
15	Leptin: The Prototypic Adipocytokine and its Role in NAFLD. Current Pharmaceutical Design, 2010, 16, 1902-1912.	1.9	53
16	Metabolic control of immune tolerance in health and autoimmunity. Seminars in Immunology, 2016, 28, 491-504.	5.6	47
17	Signals of pseudo-starvation unveil the amino acid transporter SLC7A11 as key determinant in the control of Treg cell proliferative potential. Immunity, 2021, 54, 1543-1560.e6.	14.3	42
18	Cutting Edge: Increased Autoimmunity Risk in Glycogen Storage Disease Type 1b Is Associated with a Reduced Engagement of Glycolysis in T Cells and an Impaired Regulatory T Cell Function. Journal of Immunology, 2017, 198, 3803-3808.	0.8	36

#	Article	IF	Citations
19	Coenzyme Q10 supplementation reduces peripheral oxidative stress and inflammation in interferon-β1a-treated multiple sclerosis. Therapeutic Advances in Neurological Disorders, 2019, 12, 175628641881907.	3.5	35
20	Divergent immunomodulatory effects of recombinant and urinary-derived FSH, LH, and hCG on human CD4+ T cells. Journal of Reproductive Immunology, 2010, 85, 172-179.	1.9	28
21	Longitudinal assessment of immuno-metabolic parameters in multiple sclerosis patients during treatment with glatiramer acetate. Metabolism: Clinical and Experimental, 2015, 64, 1112-1121.	3.4	26
22	Neuroinflammation Is Associated with GFAP and sTREM2 Levels in Multiple Sclerosis. Biomolecules, 2022, 12, 222.	4.0	21
23	Randomised Clinical Trial: Calorie Restriction Regimen with Tomato Juice Supplementation Ameliorates Oxidative Stress and Preserves a Proper Immune Surveillance Modulating Mitochondrial Bioenergetics of T-Lymphocytes in Obese Children Affected by Non-Alcoholic Fatty Liver Disease (NAFLD). Journal of Clinical Medicine, 2020, 9, 141.	2.4	18
24	16S rRNA of Mucosal Colon Microbiome and CCL2 Circulating Levels Are Potential Biomarkers in Colorectal Cancer. International Journal of Molecular Sciences, 2021, 22, 10747.	4.1	16
25	Immunometabolic profiling of patients with multiple sclerosis identifies new biomarkers to predict disease activity during treatment with interferon beta-1a. Clinical Immunology, 2017, 183, 249-253.	3.2	11
26	Metabolomics, Lipidomics, and Immunometabolism. Methods in Molecular Biology, 2021, 2285, 319-328.	0.9	7
27	Estimating asymptomatic SARS-CoV-2 infections in a geographic area of low disease incidence. BMC Infectious Diseases, 2021, 21, 350.	2.9	7
28	Sample Size for Oxidative Stress and Inflammation When Treating Multiple Sclerosis with Interferon-β1a and Coenzyme Q10. Brain Sciences, 2019, 9, 259.	2.3	4
29	A novel smaller β-defensin-derived peptide is active against multidrug-resistant bacterial strains. FASEB Journal, 2021, 35, e22026.	0.5	4