

Mario Galgani

List of Publications by Year in descending order

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Version: 2024-02-01

66
papers

3,341
citations

136740

32
h-index

149479

56
g-index

68
all docs

68
docs citations

68
times ranked

6653
citing authors

#	ARTICLE	IF	CITATIONS
1	An Oscillatory Switch in mTOR Kinase Activity Sets Regulatory T Cell Responsiveness. <i>Immunity</i> , 2010, 33, 929-941.	6.6	312
2	Glycolysis controls the induction of human regulatory T cells by modulating the expression of FOXP3 exon 2 splicing variants. <i>Nature Immunology</i> , 2015, 16, 1174-1184.	7.0	296
3	The Proteomic Landscape of Human Ex Vivo Regulatory and Conventional T Cells Reveals Specific Metabolic Requirements. <i>Immunity</i> , 2016, 44, 406-421.	6.6	201
4	Role of metabolism in neurodegenerative disorders. <i>Metabolism: Clinical and Experimental</i> , 2016, 65, 1376-1390.	1.5	158
5	Leptin-Induced mTOR Activation Defines a Specific Molecular and Transcriptional Signature Controlling CD4+ Effector T Cell Responses. <i>Journal of Immunology</i> , 2012, 189, 2941-2953.	0.4	121
6	Enrichment of CD56dimKIR+CD57+ highly cytotoxic NK cells in tumour-infiltrated lymph nodes of melanoma patients. <i>Nature Communications</i> , 2014, 5, 5639.	5.8	109
7	Role of Metabolism in the Immunobiology of Regulatory T Cells. <i>Journal of Immunology</i> , 2016, 197, 2567-2575.	0.4	103
8	Leptin as immune mediator: Interaction between neuroendocrine and immune system. <i>Developmental and Comparative Immunology</i> , 2017, 66, 120-129.	1.0	86
9	Role of Adipokines Signaling in the Modulation of T Cells Function. <i>Frontiers in Immunology</i> , 2013, 4, 332.	2.2	82
10	Type 2 Diabetes: How Much of an Autoimmune Disease?. <i>Frontiers in Endocrinology</i> , 2019, 10, 451.	1.5	82
11	Leptin Modulates the Survival of Autoreactive CD4+ T Cells through the Nutrient/Energy-Sensing Mammalian Target of Rapamycin Signaling Pathway. <i>Journal of Immunology</i> , 2010, 185, 7474-7479.	0.4	80
12	Cellular and molecular crosstalk between leptin receptor and estrogen receptor- α in breast cancer: molecular basis for a novel therapeutic setting. <i>Endocrine-Related Cancer</i> , 2010, 17, 373-382.	1.6	78
13	Molecular Mechanisms Controlling Foxp3 Expression in Health and Autoimmunity: From Epigenetic to Post-translational Regulation. <i>Frontiers in Immunology</i> , 2019, 10, 3136.	2.2	74
14	Immunometabolic profiling of T cells from patients with relapsing-remitting multiple sclerosis reveals an impairment in glycolysis and mitochondrial respiration. <i>Metabolism: Clinical and Experimental</i> , 2017, 77, 39-46.	1.5	67
15	Calmodulin-dependent kinase IV links Toll-like receptor 4 signaling with survival pathway of activated dendritic cells. <i>Blood</i> , 2008, 111, 723-731.	0.6	65
16	Proteomic screening identifies calreticulin as a miR-27a direct target repressing MHC class I cell surface exposure in colorectal cancer. <i>Cell Death and Disease</i> , 2016, 7, e2120-e2120.	2.7	65
17	Obesity and susceptibility to autoimmune diseases. <i>Expert Review of Clinical Immunology</i> , 2011, 7, 287-294.	1.3	61
18	Intracellular metabolic pathways control immune tolerance. <i>Trends in Immunology</i> , 2012, 33, 1-7.	2.9	60

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19	Early and Late Events Induced by PolyQ-expanded Proteins. <i>Journal of Biological Chemistry</i> , 2011, 286, 4727-4741.	1.6	59
20	The miR-27a-calreticulin axis affects drug-induced immunogenic cell death in human colorectal cancer cells. <i>Cell Death and Disease</i> , 2016, 7, e2108-e2108.	2.7	58
21	Atypical features of familial hemophagocytic lymphohistiocytosis. <i>Blood</i> , 2004, 103, 4610-4612.	0.6	55
22	Nutritional control of immunity: Balancing the metabolic requirements with an appropriate immune function. <i>Seminars in Immunology</i> , 2015, 27, 300-309.	2.7	55
23	Leptin: The Prototypic Adipocytokine and its Role in NAFLD. <i>Current Pharmaceutical Design</i> , 2010, 16, 1902-1912.	0.9	53
24	Cyclic AMP Modulates the Functional Plasticity of Immature Dendritic Cells by Inhibiting Src-like Kinases through Protein Kinase A-mediated Signaling. <i>Journal of Biological Chemistry</i> , 2004, 279, 32507-32514.	1.6	46
25	PTPD1 Supports Receptor Stability and Mitogenic Signaling in Bladder Cancer Cells. <i>Journal of Biological Chemistry</i> , 2010, 285, 39260-39270.	1.6	43
26	Regulatory T cells, inflammation, and endoplasmic reticulum stress in women with defective endometrial receptivity. <i>Fertility and Sterility</i> , 2015, 103, 1579-1586.e1.	0.5	43
27	<i>Helicobacter pylori</i> Induces Apoptosis of Human Monocytes but Not Monocyte-Derived Dendritic Cells: Role of the <i>cag</i> Pathogenicity Island. <i>Infection and Immunity</i> , 2004, 72, 4480-4485.	1.0	42
28	Signals of pseudo-starvation unveil the amino acid transporter SLC7A11 as key determinant in the control of Treg cell proliferative potential. <i>Immunity</i> , 2021, 54, 1543-1560.e6.	6.6	42
29	HIV-1 gp120 induces anergy in naive T lymphocytes through CD4-independent protein kinase-A-mediated signaling. <i>Journal of Leukocyte Biology</i> , 2003, 74, 1117-1124.	1.5	38
30	miR-27a is a master regulator of metabolic reprogramming and chemoresistance in colorectal cancer. <i>British Journal of Cancer</i> , 2020, 122, 1354-1366.	2.9	38
31	Immune-metabolic profiling of anorexic patients reveals an anti-oxidant and anti-inflammatory phenotype. <i>Metabolism: Clinical and Experimental</i> , 2015, 64, 396-405.	1.5	37
32	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. <i>Journal of Immunology</i> , 2017, 198, 3803-3808.	0.4	36
33	Histone deacetylase 4 promotes ubiquitin-dependent proteasomal degradation of Sp3 in SH-SY5Y cells treated with di(2-ethylhexyl)phthalate (DEHP), determining neuronal death. <i>Toxicology and Applied Pharmacology</i> , 2014, 280, 190-198.	1.3	32
34	Methylmercury upregulates RE-1 silencing transcription factor (REST) in SH-SY5Y cells and mouse cerebellum. <i>NeuroToxicology</i> , 2016, 52, 89-97.	1.4	32
35	Oscillatory mTOR inhibition and Treg increase in kidney transplantation. <i>Clinical and Experimental Immunology</i> , 2015, 182, 230-240.	1.1	30
36	Immunometabolic biomarkers of inflammation in Behçet's disease: relationship with epidemiological profile, disease activity and therapeutic regimens. <i>Clinical and Experimental Immunology</i> , 2016, 184, 197-207.	1.1	28

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37	UbcH10 overexpression in human lung carcinomas and its correlation with EGFR and p53 mutational status. <i>European Journal of Cancer</i> , 2013, 49, 1117-1126.	1.3	27
38	Longitudinal assessment of immuno-metabolic parameters in multiple sclerosis patients during treatment with glatiramer acetate. <i>Metabolism: Clinical and Experimental</i> , 2015, 64, 1112-1121.	1.5	26
39	An immunometabolic pathomechanism for chronic obstructive pulmonary disease. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 15625-15634.	3.3	26
40	Plasma circulating miR-23~27~24 clusters correlate with the immunometabolic derangement and predict C-peptide loss in children with type 1 diabetes. <i>Diabetologia</i> , 2020, 63, 2699-2712.	2.9	25
41	Blood Co-Circulating Extracellular microRNAs and Immune Cell Subsets Associate with Type 1 Diabetes Severity. <i>International Journal of Molecular Sciences</i> , 2020, 21, 477.	1.8	25
42	The Yin and Yang of CD4+ Regulatory T Cells in Autoimmunity and Cancer. <i>Current Medicinal Chemistry</i> , 2009, 16, 4626-4631.	1.2	24
43	MC1568 Inhibits Thimerosal-Induced Apoptotic Cell Death by Preventing HDAC4 Up-Regulation in Neuronal Cells and in Rat Prefrontal Cortex. <i>Toxicological Sciences</i> , 2016, 154, 227-240.	1.4	24
44	Reduced Annexin A1 Expression Associates with Disease Severity and Inflammation in Multiple Sclerosis Patients. <i>Journal of Immunology</i> , 2019, 203, 1753-1765.	0.4	24
45	Lipid homeostasis and mevalonate pathway in COVID-19: Basic concepts and potential therapeutic targets. <i>Progress in Lipid Research</i> , 2021, 82, 101099.	5.3	24
46	Imbalance of circulating dendritic cell subsets in chronic obstructive pulmonary disease. <i>Clinical Immunology</i> , 2010, 137, 102-110.	1.4	23
47	c-Jun activation is required for 4-hydroxytamoxifen-induced cell death in breast cancer cells. <i>Oncogene</i> , 2010, 29, 978-991.	2.6	23
48	Type 1 diabetes progression is associated with loss of CD3+CD56+ regulatory T cells that control CD8+ T-cell effector functions. <i>Nature Metabolism</i> , 2020, 2, 142-152.	5.1	23
49	The CB1 receptor antagonist rimonabant controls cell viability and ascitic tumour growth in mice. <i>Pharmacological Research</i> , 2012, 65, 365-371.	3.1	22
50	Meta-Immunological Profiling of Children With Type 1 Diabetes Identifies New Biomarkers to Monitor Disease Progression. <i>Diabetes</i> , 2013, 62, 2481-2491.	0.3	21
51	Metabolism and Autoimmune Responses: The microRNA Connection. <i>Frontiers in Immunology</i> , 2019, 10, 1969.	2.2	21
52	T cell metabolism and susceptibility to autoimmune diseases. <i>Molecular Immunology</i> , 2015, 68, 558-563.	1.0	19
53	Differential impact of high and low penetrance <i>TNFRSF1A</i> gene mutations on conventional and regulatory CD4+ T cell functions in TNFR1-associated periodic syndrome. <i>Journal of Leukocyte Biology</i> , 2016, 99, 761-769.	1.5	15
54	Editorial: Acute inflammation in obesity: IL-17A in the middle of the battle. <i>Journal of Leukocyte Biology</i> , 2010, 87, 17-18.	1.5	14

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55	Menin stimulates homology-directed DNA repair. <i>FEBS Letters</i> , 2010, 584, 4531-4536.	1.3	13
56	Immunometabolism and autoimmunity. <i>Current Opinion in Immunology</i> , 2020, 67, 10-17.	2.4	13
57	Combined inhibitory effect of formestane and herceptin on a subpopulation of CD44+/CD24low breast cancer cells. <i>Cancer Science</i> , 2010, 101, 1661-1669.	1.7	10
58	Immunometabolism of regulatory T cells in cancer. <i>Molecular Aspects of Medicine</i> , 2021, 77, 100936.	2.7	9
59	CD8+ T-cell alveolitis in familial pulmonary alveolar microlithiasis. <i>European Respiratory Journal</i> , 2007, 30, 165-171.	3.1	6
60	CD4+ T Cell Defects in a Mulibrey Patient With Specific TRIM37 Mutations. <i>Frontiers in Immunology</i> , 2020, 11, 1742.	2.2	5
61	Modulation of CD45 tyrosine phosphatase activity by antigen. <i>European Journal of Immunology</i> , 2001, 31, 777-782.	1.6	4
62	The Sweet Kiss Breaching Immunological Self-Tolerance. <i>Trends in Molecular Medicine</i> , 2019, 25, 819-820.	3.5	4
63	High levels of blood circulating immune checkpoint molecules in children with new-onset type 1 diabetes are associated with the risk of developing an additional autoimmune disease. <i>Diabetologia</i> , 2022, 65, 1390-1397.	2.9	2
64	Lung and peripheral blood T lymphocytes IFN- γ production in infliximab-associated pulmonary tuberculosis. <i>Respiratory Medicine Extra</i> , 2005, 1, 17-19.	0.1	1
65	Divide and hide: proliferating β 2-cells control immune tolerance in autoimmune diabetes. <i>Nature Metabolism</i> , 2019, 1, 499-500.	5.1	0
66	Type 1 Diabetes and Associated Cardiovascular Damage: Contribution of Extracellular Vesicles in Tissue Crosstalk. <i>Antioxidants and Redox Signaling</i> , 2021, , .	2.5	0