

Federica M Marelli-Berg

List of Publications by Year in descending order

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Version: 2024-02-01

52
papers

2,862
citations

218677

26
h-index

214800

47
g-index

54
all docs

54
docs citations

54
times ranked

5272
citing authors

#	ARTICLE	IF	CITATIONS
1	Loss of mTORC2-induced metabolic reprogramming in monocytes uncouples migration and maturation from production of proinflammatory mediators. <i>Journal of Leukocyte Biology</i> , 2022, 111, 967-980.	3.3	7
2	Immunometabolic mechanisms of heart failure with preserved ejection fraction. , 2022, 1, 211-222.		27
3	Impact of metabolic disorders on the structural, functional, and immunological integrity of the blood-brain barrier: Therapeutic avenues. <i>FASEB Journal</i> , 2022, 36, e22107.	0.5	16
4	Influenza-associated cardiac injury: a disease of the cardiac conduction system?. <i>Cardiovascular Research</i> , 2021, 117, 643-644.	3.8	0
5	Metabolic regulation of T lymphocyte motility and migration. <i>Molecular Aspects of Medicine</i> , 2021, 77, 100888.	6.4	13
6	Delayed-onset myocarditis following COVID-19. <i>Lancet Respiratory Medicine</i> , 2021, 9, e32-e34.	10.7	54
7	CD36 pumps fat to defang killer T cells in tumors. <i>Cell Metabolism</i> , 2021, 33, 1509-1511.	16.2	7
8	Nox2-deficient Tregs improve heart transplant outcomes via their increased graft recruitment and enhanced potency. <i>JCI Insight</i> , 2021, 6, .	5.0	6
9	Comparative epigenetic analysis of tumour initiating cells and syngeneic EPSC-derived neural stem cells in glioblastoma. <i>Nature Communications</i> , 2021, 12, 6130.	12.8	14
10	Preservation of microvascular barrier function requires CD31 receptor-induced metabolic reprogramming. <i>Nature Communications</i> , 2020, 11, 3595.	12.8	22
11	HIF1 α activation in dendritic cells under sterile conditions promotes an anti-inflammatory phenotype through accumulation of intracellular lipids. <i>Scientific Reports</i> , 2020, 10, 20825.	3.3	7
12	Towards precision disease-modelling in experimental myocarditis. <i>Cardiovascular Research</i> , 2020, 116, 1656-1657.	3.8	1
13	Constitutive Activation of β -Catenin in Conventional Dendritic Cells Increases the Insulin Reserve to Ameliorate the Development of Type 2 Diabetes in Mice. <i>Diabetes</i> , 2019, 68, 1473-1484.	0.6	12
14	A Subset of CCL25-Induced Gut-Homing T Cells Affects Intestinal Immunity to Infection and Cancer. <i>Frontiers in Immunology</i> , 2019, 10, 271.	4.8	18
15	Immunometabolic cross-talk in the inflamed heart. <i>Cell Stress</i> , 2019, 3, 240-266.	3.2	19
16	Visceral Adipose Tissue Immune Homeostasis Is Regulated by the Crosstalk between Adipocytes and Dendritic Cell Subsets. <i>Cell Metabolism</i> , 2018, 27, 588-601.e4.	16.2	110
17	Metabolic regulation of leukocyte motility and migration. <i>Journal of Leukocyte Biology</i> , 2018, 104, 285-293.	3.3	30
18	Displacing, squeezing, and ramming: The role of nuclear lamins in leukocyte migration. <i>Journal of Leukocyte Biology</i> , 2018, 104, 235-236.	3.3	2

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19	Isolation of Microvascular Endothelial Cells. Bio-protocol, 2018, 8, e2886.	0.4	2
20	Obesity-Induced Metabolic Stress Leads to Biased Effector Memory CD4 + T Cell Differentiation via PI3K p110 β -Akt-Mediated Signals. Cell Metabolism, 2017, 25, 593-609.	16.2	124
21	Monitoring Migration of Activated T Cells to Antigen-Rich Non-lymphoid Tissue. Methods in Molecular Biology, 2017, 1591, 215-224.	0.9	1
22	Regulatory T Cell Migration Is Dependent on Glucokinase-Mediated Glycolysis. Immunity, 2017, 47, 875-889.e10.	14.3	181
23	Mechanisms of T cell organotropism. Cellular and Molecular Life Sciences, 2016, 73, 3009-3033.	5.4	48
24	CD31 signals confer immune privilege to the vascular endothelium. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, E5815-24.	7.1	52
25	Lactate Regulates Metabolic and Pro-inflammatory Circuits in Control of T Cell Migration and Effector Functions. PLoS Biology, 2015, 13, e1002202.	5.6	489
26	Hepatocyte Growth Factor Receptor c-Met Instructs T Cell Cardiotropism and Promotes T Cell Migration to the Heart via Autocrine Chemokine Release. Immunity, 2015, 42, 1087-1099.	14.3	85
27	The Cellular and Molecular Basis of Translational Immunometabolism. Immunity, 2015, 43, 421-434.	14.3	161
28	Self-recognition of the endothelium enables regulatory T-cell trafficking and defines the kinetics of immune regulation. Nature Communications, 2014, 5, 3436.	12.8	64
29	Enhanced activation of an amino-terminally truncated isoform of the voltage-gated proton channel HVCN1 enriched in malignant B cells. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 18078-18083.	7.1	74
30	Polyunsaturated Fatty Acid-Derived Lipid Mediators and T Cell Function. Frontiers in Immunology, 2014, 5, 75.	4.8	57
31	Metabolic Regulation of Regulatory T Cell Development and Function. Frontiers in Immunology, 2014, 5, 590.	4.8	46
32	Metabolic Syndrome and the Immunological Affair with the Blood-Brain Barrier. Frontiers in Immunology, 2014, 5, 677.	4.8	29
33	An immunologist's guide to CD31 function in T-cells. Journal of Cell Science, 2013, 126, 2343-2352.	2.0	123
34	T Cell Immunity and Cardiovascular Metabolic Disorders: Does Metabolism Fuel Inflammation?. Frontiers in Immunology, 2012, 3, 173.	4.8	18
35	CD31 Exhibits Multiple Roles in Regulating T Lymphocyte Trafficking In Vivo. Journal of Immunology, 2012, 189, 4104-4111.	0.8	23
36	T cell trafficking and metabolism: novel mechanisms and targets for immunomodulation. Current Opinion in Pharmacology, 2012, 12, 452-457.	3.5	9

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37	Genetic or Pharmaceutical Blockade of Phosphoinositide 3-Kinase P110 γ Prevents Chronic Rejection of Heart Allografts. PLoS ONE, 2012, 7, e32892.	2.5	13
38	Molecular mechanisms of metabolic reprogramming in proliferating cells: implications for T α cell β -mediated immunity. Immunology, 2012, 136, 363-369.	4.4	72
39	Primed T Cell Responses to Chemokines Are Regulated by the Immunoglobulin-Like Molecule CD31. PLoS ONE, 2012, 7, e39433.	2.5	11
40	Memory T α cell trafficking: new directions for busy commuters. Immunology, 2010, 130, 158-165.	4.4	30
41	Ig gene-like molecule CD31 plays a nonredundant role in the regulation of T-cell immunity and tolerance. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 19461-19466.	7.1	57
42	Mechanisms of chemokine and antigen-dependent T-lymphocyte navigation. Biochemical Journal, 2009, 418, 13-27.	3.7	92
43	T-cell receptor β and CD28-induced Vav1 activity is required for the accumulation of primed T cells into antigenic tissue. Blood, 2009, 113, 3696-3705.	1.4	22
44	T cell receptor β -induced phosphoinositide-3-kinase p110 γ activity is required for T cell localization to antigenic tissue in mice. Journal of Clinical Investigation, 2008, 118, 1154-64.	8.2	49
45	Physiologic and aberrant regulation of memory T-cell trafficking by the costimulatory molecule CD28. Blood, 2007, 109, 2968-2977.	1.4	74
46	A two-signal model for T cell trafficking. Trends in Immunology, 2007, 28, 267-273.	6.8	34
47	Understanding Cell Migration Through the Paradigm of T-Lymphocyte Homing. , 2007, , 49-60.		0
48	Mechanisms of Leukocyte Transmigration: Role of Immunoglobulin Superfamily Molecules. , 2006, , 82-108.		2
49	Transmigration through venular walls: a key regulator of leukocyte phenotype and function. Trends in Immunology, 2005, 26, 157-165.	6.8	137
50	Antigen presentation by the endothelium: a green light for antigen-specific T cell trafficking?. Immunology Letters, 2004, 93, 109-113.	2.5	53
51	Cognate recognition of the endothelium induces HY-specific CD8+ T-lymphocyte transendothelial migration (diapedesis) in vivo. Blood, 2004, 103, 3111-3116.	1.4	80
52	Isolation of endothelial cells from murine tissue. Journal of Immunological Methods, 2000, 244, 205-215.	1.4	185