

Roberta Martinelli

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

1,985
citations

331670

21
h-index

642732

23
g-index

27
all docs

27
docs citations

27
times ranked

3808
citing authors

#	ARTICLE	IF	CITATIONS
1	Identification and characterization of a novel anti-inflammatory lipid isolated from <i>Mycobacterium vaccae</i> , a soil-derived bacterium with immunoregulatory and stress resilience properties. <i>Psychopharmacology</i> , 2019, 236, 1653-1670.	3.1	28
2	<i>Plasmodium</i> gametocytes display homing and vascular transmigration in the host bone marrow. <i>Science Advances</i> , 2018, 4, eaat3775.	10.3	72
3	Infected erythrocyte-derived extracellular vesicles alter vascular function via regulatory Ago2-miRNA complexes in malaria. <i>Nature Communications</i> , 2016, 7, 12727.	12.8	205
4	An Endothelial Planar Cell Model for Imaging Immunological Synapse Dynamics. <i>Journal of Visualized Experiments</i> , 2015, , e53288.	0.3	15
5	T Lymphocyte-Endothelial Interactions: Emerging Understanding of Trafficking and Antigen-Specific Immunity. <i>Frontiers in Immunology</i> , 2015, 6, 603.	4.8	156
6	Actin foci facilitate activation of the phospholipase C- β in primary T lymphocytes via the WASP pathway. <i>ELife</i> , 2015, 4, .	6.0	200
7	Vascular Endothelia Mechanically Sense Barrier Quality and Maintain Functional Integrity through ROS-Dependent Actin Remodeling. <i>FASEB Journal</i> , 2015, 29, 85.4.	0.5	0
8	Central role for hydrogen peroxide in P2Y1 ADP receptor-mediated cellular responses in vascular endothelium. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 3383-3388.	7.1	22
9	Differential Apicobasal VEGF Signaling at Vascular Blood-Neural Barriers. <i>Developmental Cell</i> , 2014, 30, 541-552.	7.0	79
10	Probing the biomechanical contribution of the endothelium to lymphocyte migration: diapedesis by the path of least resistance. <i>Journal of Cell Science</i> , 2014, 127, 3720-34.	2.0	98
11	Role of BRAFV600E in the First Preclinical Model of Multifocal Infiltrating Myopericytoma Development and Microenvironment. <i>Journal of the National Cancer Institute</i> , 2014, 106, .	6.3	31
12	Soluble adhesion molecules as markers for sepsis and the potential pathophysiological discrepancy in neonates, children and adults. <i>Critical Care</i> , 2014, 18, 204.	5.8	125
13	ICAM-2 regulates vascular permeability and N-cadherin localization through ezrin-radixin-moesin (ERM) proteins and Rac-1 signalling. <i>Cell Communication and Signaling</i> , 2014, 12, 12.	6.5	22
14	Glassy Dynamics, Cell Mechanics, and Endothelial Permeability. <i>Journal of Physical Chemistry B</i> , 2013, 117, 12850-12856.	2.6	23
15	Release of cellular tension signals self-restorative ventral lamellipodia to heal barrier micro-wounds. <i>Journal of Cell Biology</i> , 2013, 201, 449-465.	5.2	78
16	Novel Role of CD47 in Rat Microvascular Endothelium. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2013, 33, 2566-2576.	2.4	24
17	Mesenchymal Stem Cells Transmigrate Between and Directly Through Tumor Necrosis Factor-Activated Endothelial Cells Via Both Leukocyte-Like and Novel Mechanisms. <i>Stem Cells</i> , 2012, 30, 2472-2486.	3.2	162
18	p120-Catenin prevents neutrophil transmigration independently of RhoA inhibition by impairing Src dependent VE-cadherin phosphorylation. <i>American Journal of Physiology - Cell Physiology</i> , 2012, 303, C385-C395.	4.6	31

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19	Antigen Recognition Is Facilitated by Invadosome-like Protrusions Formed by Memory/Effector T Cells. <i>Journal of Immunology</i> , 2012, 188, 3686-3699.	0.8	154
20	Mechanisms of T-cell migration across the BBB. <i>Future Neurology</i> , 2011, 6, 375-388.	0.5	0
21	ICAM-1-mediated Endothelial Nitric Oxide Synthase Activation via Calcium and AMP-activated Protein Kinase Is Required for Transendothelial Lymphocyte Migration. <i>Molecular Biology of the Cell</i> , 2009, 20, 995-1005.	2.1	73
22	Phosphorylation of vascular endothelial cadherin controls lymphocyte emigration. <i>Journal of Cell Science</i> , 2008, 121, 29-37.	2.0	148
23	The "Old Friends" hypothesis; how early contact with certain microorganisms may influence immunoregulatory circuits. , 2005, , 183-194.		3
24	<i>Mycobacterium vaccae</i> induces a population of pulmonary CD11c+ cells with regulatory potential in allergic mice. <i>European Journal of Immunology</i> , 2004, 34, 631-638.	2.9	61
25	Innate immune responses to mycobacteria and the downregulation of atopic responses. <i>Current Opinion in Allergy and Clinical Immunology</i> , 2003, 3, 337-342.	2.3	106
26	The CC Chemokine Eotaxin (CCL11) Is a Partial Agonist of CC Chemokine Receptor 2b. <i>Journal of Biological Chemistry</i> , 2001, 276, 42957-42964.	3.4	67