

Roberta Martinelli

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7556359/publications.pdf>

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 | 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 |
| 2 | 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 |
| 3 | Mesenchymal Stem Cells Transmigrate Between and Directly Through Tumor Necrosis Factor- α -Activated Endothelial Cells Via Both Leukocyte-Like and Novel Mechanisms. <i>Stem Cells</i> , 2012, 30, 2472-2486. | 3.2 | 162 |
| 4 | T Lymphocyte-Endothelial Interactions: Emerging Understanding of Trafficking and Antigen-Specific Immunity. <i>Frontiers in Immunology</i> , 2015, 6, 603. | 4.8 | 156 |
| 5 | 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 |
| 6 | Phosphorylation of vascular endothelial cadherin controls lymphocyte emigration. <i>Journal of Cell Science</i> , 2008, 121, 29-37. | 2.0 | 148 |
| 7 | 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 |
| 8 | 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 |
| 9 | 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 |
| 10 | Differential Apicobasal VEGF Signaling at Vascular Blood-Neural Barriers. <i>Developmental Cell</i> , 2014, 30, 541-552. | 7.0 | 79 |
| 11 | 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 |
| 12 | 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 |
| 13 | <i>Plasmodium</i> gametocytes display homing and vascular transmigration in the host bone marrow. <i>Science Advances</i> , 2018, 4, eaat3775. | 10.3 | 72 |
| 14 | 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 |
| 15 | <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 |
| 16 | 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 |
| 17 | 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 |
| 18 | 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 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Novel Role of CD47 in Rat Microvascular Endothelium. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2013, 33, 2566-2576. | 2.4 | 24 |
| 20 | Glassy Dynamics, Cell Mechanics, and Endothelial Permeability. <i>Journal of Physical Chemistry B</i> , 2013, 117, 12850-12856. | 2.6 | 23 |
| 21 | 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 |
| 22 | 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 |
| 23 | An Endothelial Planar Cell Model for Imaging Immunological Synapse Dynamics. <i>Journal of Visualized Experiments</i> , 2015, , e53288. | 0.3 | 15 |
| 24 | The "Old Friends" hypothesis; how early contact with certain microorganisms may influence immunoregulatory circuits. , 2005, , 183-194. | | 3 |
| 25 | Mechanisms of T-cell migration across the BBB. <i>Future Neurology</i> , 2011, 6, 375-388. | 0.5 | 0 |
| 26 | 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 |