

MarÃ-a C Montoya

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1858455/publications.pdf>

Version: 2024-02-01

40
papers

3,642
citations

201674

27
h-index

302126

39
g-index

41
all docs

41
docs citations

41
times ranked

5610
citing authors

#	ARTICLE	IF	CITATIONS
1	Dynamic interaction of VCAM-1 and ICAM-1 with moesin and ezrin in a novel endothelial docking structure for adherent leukocytes. <i>Journal of Cell Biology</i> , 2002, 157, 1233-1245.	5.2	540
2	Recruitment of Nck by CD3 ζ Reveals a Ligand-Induced Conformational Change Essential for T Cell Receptor Signaling and Synapse Formation. <i>Cell</i> , 2002, 109, 901-912.	28.9	411
3	Screening out irrelevant cell-based models of disease. <i>Nature Reviews Drug Discovery</i> , 2016, 15, 751-769.	46.4	402
4	MT1-MMP proinvasive activity is regulated by a novel Rab8-dependent exocytic pathway. <i>EMBO Journal</i> , 2007, 26, 1499-1510.	7.8	222
5	Differential Requirements for DOCK2 and Phosphoinositide-3-Kinase $\hat{1}^3$ during T and B Lymphocyte Homing. <i>Immunity</i> , 2004, 21, 429-441.	14.3	219
6	Role of ICAM-3 in the initial interaction of T lymphocytes and APCs. <i>Nature Immunology</i> , 2002, 3, 159-168.	14.5	142
7	ICAMs Redistributed by Chemokines to Cellular Uropods as a Mechanism for Recruitment of T Lymphocytes. <i>Journal of Cell Biology</i> , 1997, 137, 493-508.	5.2	119
8	Dynamic recruitment of the adaptor protein LAT: LAT exists in two distinct intracellular pools and controls its own recruitment. <i>Journal of Cell Science</i> , 2004, 117, 1009-1016.	2.0	114
9	Vitrification versus slow freezing of oocytes: effects on morphologic appearance, meiotic spindle configuration, and DNA damage. <i>Fertility and Sterility</i> , 2011, 95, 374-377.	1.0	114
10	MT1-MMP collagenolytic activity is regulated through association with tetraspanin CD151 in primary endothelial cells. <i>Blood</i> , 2008, 112, 3217-3226.	1.4	105
11	The chemokine SDF-1 $\hat{1}\pm$ triggers a chemotactic response and induces cell polarization in human B lymphocytes. <i>European Journal of Immunology</i> , 1998, 28, 2197-2207.	2.9	102
12	Cell adhesion and polarity during immune interactions. <i>Immunological Reviews</i> , 2002, 186, 68-82.	6.0	90
13	The hepatitis B virus X protein (HBx) induces a migratory phenotype in a CD44-dependent manner: Possible role of HBx in invasion and metastasis. <i>Hepatology</i> , 2001, 33, 1270-1281.	7.3	78
14	Pluripotency Surveillance by Myc-Driven Competitive Elimination of Differentiating Cells. <i>Developmental Cell</i> , 2017, 42, 585-599.e4.	7.0	78
15	Lipid rafts mediate biosynthetic transport to the T lymphocyte uropod subdomain and are necessary for uropod integrity and function. <i>Blood</i> , 2002, 99, 978-984.	1.4	75
16	Fast synthesis and bioconjugation of ⁶⁸ Ga core \hat{e} doped extremely small iron oxide nanoparticles for PET/MR imaging. <i>Contrast Media and Molecular Imaging</i> , 2016, 11, 203-210.	0.8	68
17	A juxta-membrane amino acid sequence of P-selectin glycoprotein ligand-1 is involved in moesin binding and ezrin/radixin/moesin-directed targeting at the trailing edge of migrating lymphocytes. <i>European Journal of Immunology</i> , 2002, 32, 1560.	2.9	66
18	A Novel Serine-rich Motif in the Intercellular Adhesion Molecule 3 Is Critical for Its Ezrin/Radixin/Moesin-directed Subcellular Targeting. <i>Journal of Biological Chemistry</i> , 2002, 277, 10400-10409.	3.4	64

#	ARTICLE	IF	CITATIONS
19	Regulation of microtubule-organizing center orientation and actomyosin cytoskeleton rearrangement during immune interactions. <i>Immunological Reviews</i> , 2002, 189, 84-97.	6.0	64
20	Abnormal PcG protein expression in Hodgkin's lymphoma. Relation with E2F6 and NF κ B transcription factors. <i>Journal of Pathology</i> , 2004, 204, 528-537.	4.5	63
21	Caveolar domain organization and trafficking is regulated by Abl kinases and mDia1. <i>Journal of Cell Science</i> , 2012, 125, 3097-113.	2.0	57
22	Role of Fyn in the Rearrangement of Tubulin Cytoskeleton Induced through TCR. <i>Journal of Immunology</i> , 2006, 176, 4201-4207.	0.8	55
23	Combinatorial effects of splice variants modulate function of Aiolos. <i>Journal of Cell Science</i> , 2007, 120, 2619-2630.	2.0	45
24	Tox_(R)CNN: Deep learning-based nuclei profiling tool for drug toxicity screening. <i>PLoS Computational Biology</i> , 2018, 14, e1006238.	3.2	41
25	TCR Engagement Induces Proline-Rich Tyrosine Kinase-2 (Pyk2) Translocation to the T Cell-APC Interface Independently of Pyk2 Activity and in an Immunoreceptor Tyrosine-Based Activation Motif-Mediated Fashion. <i>Journal of Immunology</i> , 2002, 169, 292-300.	0.8	40
26	Brick1 Is an Essential Regulator of Actin Cytoskeleton Required for Embryonic Development and Cell Transformation. <i>Cancer Research</i> , 2010, 70, 9349-9359.	0.9	31
27	Polarized MT1 α -MMP α -CD44 interaction and CD44 cleavage during cell retraction reveal an essential role for MT1 α -MMP in CD44 α -mediated invasion. <i>Cytoskeleton</i> , 2009, 66, 48-61.	4.4	30
28	ITGB1-dependent upregulation of Caveolin-1 switches TGF β 2 signalling from tumour-suppressive to oncogenic in prostate cancer. <i>Scientific Reports</i> , 2018, 8, 2338.	3.3	29
29	Novel lambda FRET spectral confocal microscopy imaging method. <i>Microscopy Research and Technique</i> , 2009, 72, 1-11.	2.2	26
30	Peripheral T follicular helper Cells Make a Difference in HIV Reservoir Size between Elite Controllers and Patients on Successful cART. <i>Scientific Reports</i> , 2017, 7, 16799.	3.3	25
31	A novel high content analysis tool reveals Rab8-driven actin and FA reorganization through Rho GTPases and calpain/MT1. <i>Journal of Cell Science</i> , 2016, 129, 1734-49.	2.0	22
32	Memory B lymphocytes from secondary lymphoid organs interact with E-selectin through a novel glycoprotein ligand. <i>Journal of Clinical Investigation</i> , 1999, 103, 1317-1327.	8.2	22
33	Class-modeling analysis reveals T-cell homeostasis disturbances involved in loss of immune control in elite controllers. <i>BMC Medicine</i> , 2018, 16, 30.	5.5	19
34	Reduced intracellular oxidative metabolism promotes firm adhesion of human polymorphonuclear leukocytes to vascular endothelium under flow conditions. <i>European Journal of Immunology</i> , 1997, 27, 1942-1951.	2.9	18
35	CD32 Expression is not Associated to HIV-DNA content in CD4 cell subsets of individuals with Different Levels of HIV Control. <i>Scientific Reports</i> , 2018, 8, 15541.	3.3	13
36	Flow Cytometry Data Preparation Guidelines for Improved Automated Phenotypic Analysis. <i>Journal of Immunology</i> , 2018, 200, 3319-3331.	0.8	10

#	ARTICLE	IF	CITATIONS
37	Cell-Based Fuzzy Metrics Enhance High-Content Screening (HCS) Assay Robustness. <i>Journal of Biomolecular Screening</i> , 2013, 18, 1270-1283.	2.6	8
38	Balance between activation and regulation of HIV-specific CD8+ T-cell response after modified vaccinia Ankara B therapeutic vaccination. <i>Aids</i> , 2016, 30, 553-562.	2.2	6
39	ESC-Track: A computer workflow for 4-D segmentation, tracking, lineage tracing and dynamic context analysis of ESCs. <i>BioTechniques</i> , 2017, 62, 215-222.	1.8	6
40	SLAS Europe High-Content Screening Conference in Dresden. <i>Journal of Biomolecular Screening</i> , 2016, 21, 883-886.	2.6	0