

MarÃ-a YÃ;Ã±ez-MÃ³

List of Publications by Year in descending order

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104
papers

21,384
citations

38742

50
h-index

32842

100
g-index

105
all docs

105
docs citations

105
times ranked

26323
citing authors

#	ARTICLE	IF	CITATIONS
1	A simple immunoassay for extracellular vesicle liquid biopsy in microliters of non-processed plasma. <i>Journal of Nanobiotechnology</i> , 2022, 20, 72.	9.1	6
2	Tetraspanins interweave EV secretion, endosomal network dynamics and cellular metabolism. <i>European Journal of Cell Biology</i> , 2022, 101, 151229.	3.6	11
3	ALCAM/CD166 Is Involved in the Binding and Uptake of Cancer-Derived Extracellular Vesicles. <i>International Journal of Molecular Sciences</i> , 2022, 23, 5753.	4.1	10
4	Bovine peripheral blood MSCs chemotax towards inflammation and embryo implantation stimuli. <i>Journal of Cellular Physiology</i> , 2021, 236, 1054-1067.	4.1	22
5	One-year dietary supplementation with walnuts modifies exosomal miRNA in elderly subjects. <i>European Journal of Nutrition</i> , 2021, 60, 1999-2011.	3.9	15
6	Embryonic Trophectoderm Secretomics Reveals Chemotactic Migration and Intercellular Communication of Endometrial and Circulating MSCs in Embryonic Implantation. <i>International Journal of Molecular Sciences</i> , 2021, 22, 5638.	4.1	13
7	CD9 inhibition reveals a functional connection of extracellular vesicle secretion with mitophagy in melanoma cells. <i>Journal of Extracellular Vesicles</i> , 2021, 10, e12082.	12.2	27
8	Cellular Integrin $\alpha 5 \beta 1$ and Exosomal ADAM17 Mediate the Binding and Uptake of Exosomes Produced by Colorectal Carcinoma Cells. <i>International Journal of Molecular Sciences</i> , 2021, 22, 9938.	4.1	11
9	An Immunocapture-Based Assay for Detecting Multiple Antigens in Melanoma-Derived Extracellular Vesicles. <i>Methods in Molecular Biology</i> , 2021, 2265, 323-344.	0.9	9
10	Hitting the Bullseye: Are extracellular vesicles on target?. <i>Journal of Extracellular Vesicles</i> , 2020, 10, e12032.	12.2	11
11	RIAM-VASP Module Relays Integrin Complement Receptors in Outside-In Signaling Driving Particle Engulfment. <i>Cells</i> , 2020, 9, 1166.	4.1	16
12	Novel nonclassic progesterone receptor PGRMC1 pulldown-precipitated proteins reveal a key role during human decidualization. <i>Fertility and Sterility</i> , 2020, 113, 1050-1066.e7.	1.0	25
13	Tetraspanin CD81 regulates HSV-1 infection. <i>Medical Microbiology and Immunology</i> , 2020, 209, 489-498.	4.8	10
14	Regulation of MT1-MMP Activity through Its Association with ERMs. <i>Cells</i> , 2020, 9, 348.	4.1	10
15	Selected Tetraspanins Functionalized Niosomes as Potential Standards for Exosome Immunoassays. <i>Nanomaterials</i> , 2020, 10, 971.	4.1	8
16	Development of a quantitative method to measure EV uptake. <i>Scientific Reports</i> , 2019, 9, 10522.	3.3	37
17	Interaction of Pregnancy-Specific Glycoprotein 1 With Integrin $\alpha 5 \beta 1$ Is a Modulator of Extravillous Trophoblast Functions. <i>Cells</i> , 2019, 8, 1369.	4.1	30
18	Editorial: Functional Relevance of Tetraspanins in the Immune System. <i>Frontiers in Immunology</i> , 2019, 10, 1714.	4.8	9

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19	Tetraspanin-decorated extracellular vesicle-mimetics as a novel adaptable reference material. <i>Journal of Extracellular Vesicles</i> , 2019, 8, 1573052.	12.2	29
20	High sensitivity detection of extracellular vesicles immune-captured from urine by conventional flow cytometry. <i>Scientific Reports</i> , 2019, 9, 2042.	3.3	101
21	Exosome beads array for multiplexed phenotyping in cancer. <i>Journal of Proteomics</i> , 2019, 198, 87-97.	2.4	17
22	Bovine endometrial MSC: mesenchymal to epithelial transition during luteolysis and tropism to implantation niche for immunomodulation. <i>Stem Cell Research and Therapy</i> , 2019, 10, 23.	5.5	15
23	Adaptive tests as a supporting tool for self-evaluation in theoretical and practical contents in <i>Biochemistry</i> . , 2018, , .		1
24	Minimal information for studies of extracellular vesicles 2018 (MISEV2018): a position statement of the International Society for Extracellular Vesicles and update of the MISEV2014 guidelines. <i>Journal of Extracellular Vesicles</i> , 2018, 7, 1535750.	12.2	6,961
25	CD9 Controls Integrin $\alpha 5 \beta 1$ -Mediated Cell Adhesion by Modulating Its Association With the Metalloproteinase ADAM17. <i>Frontiers in Immunology</i> , 2018, 9, 2474.	4.8	33
26	Inhibition of Tetraspanin Functions Impairs Human Papillomavirus and Cytomegalovirus Infections. <i>International Journal of Molecular Sciences</i> , 2018, 19, 3007.	4.1	23
27	Immunoassays for scarce tumour-antigens in exosomes: detection of the human NKG2D-Ligand, MICA, in tetraspanin-containing nanovesicles from melanoma. <i>Journal of Nanobiotechnology</i> , 2018, 16, 47.	9.1	60
28	Tetraspanins, Another Piece in the HIV-1 Replication Puzzle. <i>Frontiers in Immunology</i> , 2018, 9, 1811.	4.8	22
29	Effect of bovine oviductal extracellular vesicles on embryo development and quality in vitro. <i>Reproduction</i> , 2017, 153, 461-470.	2.6	110
30	European Network on Microvesicles and Exosomes in Health and Disease (ME-HaD). <i>European Journal of Pharmaceutical Sciences</i> , 2017, 98, 1-3.	4.0	10
31	A bead-assisted flow cytometry method for the semi-quantitative analysis of Extracellular Vesicles. <i>Scientific Reports</i> , 2017, 7, 11271.	3.3	95
32	Extracellular vesicles as a source for non-invasive biomarkers in bladder cancer progression. <i>European Journal of Pharmaceutical Sciences</i> , 2017, 98, 70-79.	4.0	75
33	Point-of-care detection of extracellular vesicles: Sensitivity optimization and multiple-target detection. <i>Biosensors and Bioelectronics</i> , 2017, 87, 38-45.	10.1	78
34	CD81 association with SAMHD1 enhances HIV-1 reverse transcription by increasing dNTP levels. <i>Nature Microbiology</i> , 2017, 2, 1513-1522.	13.3	34
35	Comparative analysis of EV isolation procedures for miRNAs detection in serum samples. <i>Journal of Extracellular Vesicles</i> , 2016, 5, 31655.	12.2	131
36	Development of a rapid lateral flow immunoassay test for detection of exosomes previously enriched from cell culture medium and body fluids. <i>Journal of Extracellular Vesicles</i> , 2016, 5, 31803.	12.2	114

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37	Evidence-Based Clinical Use of Nanoscale Extracellular Vesicles in Nanomedicine. ACS Nano, 2016, 10, 3886-3899.	14.6	397
38	Extracellular Vesicles from BOEC in In Vitro Embryo Development and Quality. PLoS ONE, 2016, 11, e0148083.	2.5	145
39	Biological properties of extracellular vesicles and their physiological functions. Journal of Extracellular Vesicles, 2015, 4, 27066.	12.2	3,973
40	Different states of integrin LFA-1 aggregation are controlled through its association with tetraspanin CD9. Biochimica Et Biophysica Acta - Molecular Cell Research, 2015, 1853, 2464-2480.	4.1	41
41	CD81 Controls Immunity to Listeria Infection through Rac-Dependent Inhibition of Proinflammatory Mediator Release and Activation of Cytotoxic T Cells. Journal of Immunology, 2015, 194, 6090-6101.	0.8	14
42	EVpedia: a community web portal for extracellular vesicles research. Bioinformatics, 2015, 31, 933-939.	4.1	317
43	Activation of Toll-like receptor 3 reduces actin polymerization and adhesion molecule expression in endometrial cells, a potential mechanism for viral-induced implantation failure. Human Reproduction, 2015, 30, 893-905.	0.9	23
44	An EMMPRIN/ β 3-catenin/Nm23 complex drives ATP production and actomyosin contractility at endothelial junctions. Journal of Cell Science, 2014, 127, 3768-81.	2.0	22
45	Tetraspanins CD9 and CD151 at the immune synapse support T cell integrin signaling. European Journal of Immunology, 2014, 44, 1967-1975.	2.9	54
46	Evidence of promiscuous endothelial binding by Plasmodium falciparum infected erythrocytes. Cellular Microbiology, 2014, 16, 701-708.	2.1	23
47	Tetraspanins in Extracellular Vesicle Formation and Function. Frontiers in Immunology, 2014, 5, 442.	4.8	992
48	An Efficient System to Establish Biopsy-Derived Trophoblastic Cell Lines from Bovine Embryos ¹ . Biology of Reproduction, 2014, 91, 15.	2.7	20
49	The Role of Tetraspanins in Cell Migration and Intercellular Adhesion. , 2013, , 131-167.		0
50	The Intracellular Interactome of Tetraspanin-enriched Microdomains Reveals Their Function as Sorting Machineries toward Exosomes. Journal of Biological Chemistry, 2013, 288, 11649-11661.	3.4	377
51	CD81 Controls Sustained T Cell Activation Signaling and Defines the Maturation Stages of Cognate Immunological Synapses. Molecular and Cellular Biology, 2013, 33, 3644-3658.	2.3	61
52	CD81 regulates cell migration through its association with Rac GTPase. Molecular Biology of the Cell, 2013, 24, 261-273.	2.1	64
53	First Symposium of "Grupo Español de Investigación en Vesículas Extracelulares (GEIVEX)", Segovia, 8-9 November 2012. Journal of Extracellular Vesicles, 2013, 2, 20256.	12.2	1
54	Vesiclepedia: A Compendium for Extracellular Vesicles with Continuous Community Annotation. PLoS Biology, 2012, 10, e1001450.	5.6	1,064

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55	The PDZ-adaptor protein syntenin-1 regulates HIV-1 entry. <i>Molecular Biology of the Cell</i> , 2012, 23, 2253-2263.	2.1	31
56	Association of syntenin-1 with M-RIP polarizes Rac-1 activation during chemotaxis and immune interactions. <i>Journal of Cell Science</i> , 2012, 125, 1235-1246.	2.0	33
57	International Society for Extracellular Vesicles: first annual meeting, April 17-21, 2012: ISEV-2012. <i>Journal of Extracellular Vesicles</i> , 2012, 1, 19995.	12.2	22
58	EWI-2 Association with β -Actinin Regulates T Cell Immune Synapses and HIV Viral Infection. <i>Journal of Immunology</i> , 2012, 189, 689-700.	0.8	44
59	Membrane proteases and tetraspanins. <i>Biochemical Society Transactions</i> , 2011, 39, 541-546.	3.4	16
60	Effect of long-term culture of mouse embryonic stem cells under low oxygen concentration as well as on glycosaminoglycan hyaluronan on cell proliferation and differentiation. <i>Cell Proliferation</i> , 2011, 44, 75-85.	5.3	23
61	The sheddase activity of ADAM17/TACE is regulated by the tetraspanin CD9. <i>Cellular and Molecular Life Sciences</i> , 2011, 68, 3275-3292.	5.4	93
62	Functional interplay between tetraspanins and proteases. <i>Cellular and Molecular Life Sciences</i> , 2011, 68, 3323-3335.	5.4	71
63	Human Endometrial CD98 Is Essential for Blastocyst Adhesion. <i>PLoS ONE</i> , 2010, 5, e13380.	2.5	41
64	CD69 Association with Jak3/Stat5 Proteins Regulates Th17 Cell Differentiation. <i>Molecular and Cellular Biology</i> , 2010, 30, 4877-4889.	2.3	110
65	Live Imaging of Leukocyte-Endothelium Interactions. <i>Methods in Molecular Biology</i> , 2010, 616, 17-30.	0.9	0
66	Tetraspanin-enriched microdomains: a functional unit in cell plasma membranes. <i>Trends in Cell Biology</i> , 2009, 19, 434-446.	7.9	517
67	Endothelial adhesion receptors are recruited to adherent leukocytes by inclusion in preformed tetraspanin nanoplateforms. <i>Journal of Cell Biology</i> , 2008, 183, 527-542.	5.2	211
68	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
69	Probing the interaction of tetraspanin CD151 with integrin β 3 using a panel of monoclonal antibodies with distinct reactivities toward the CD151-integrin β 3 complex. <i>Biochemical Journal</i> , 2008, 415, 417-427.	3.7	25
70	Endothelial adhesion receptors are recruited to adherent leukocytes by inclusion in preformed tetraspanin nanoplateforms. <i>Journal of Experimental Medicine</i> , 2008, 205, i27-i27.	8.5	0
71	Myosin IIA is involved in the endocytosis of CXCR4 induced by SDF-1 β . <i>Journal of Cell Science</i> , 2007, 120, 1126-1133.	2.0	62
72	The tetraspanin CD9 inhibits the proliferation and tumorigenicity of human colon carcinoma cells. <i>International Journal of Cancer</i> , 2007, 121, 2140-2152.	5.1	95

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73	von Hippel-Lindau Tumor Suppressor Protein Regulates the Assembly of Intercellular Junctions in Renal Cancer Cells through Hypoxia-Inducible Factor-Independent Mechanisms. <i>Cancer Research</i> , 2006, 66, 1553-1560.	0.9	69
74	EWI-2 and EWI-F Link the Tetraspanin Web to the Actin Cytoskeleton through Their Direct Association with Ezrin-Radixin-Moesin Proteins. <i>Journal of Biological Chemistry</i> , 2006, 281, 19665-19675.	3.4	178
75	Tetraspanins CD9 and CD81 Modulate HIV-1-Induced Membrane Fusion. <i>Journal of Immunology</i> , 2006, 177, 5129-5137.	0.8	149
76	Histone Deacetylase 6 Regulates Human Immunodeficiency Virus Type 1 Infection. <i>Molecular Biology of the Cell</i> , 2005, 16, 5445-5454.	2.1	117
77	Membrane type 1 matrix metalloproteinase is involved in migration of human monocytes and is regulated through their interaction with fibronectin or endothelium. <i>Blood</i> , 2005, 105, 3956-3964.	1.4	105
78	Endothelial tetraspanin microdomains regulate leukocyte firm adhesion during extravasation. <i>Blood</i> , 2005, 105, 2852-2861.	1.4	199
79	Embryonic implantation and leukocyte transendothelial migration: different processes with similar players?. <i>FASEB Journal</i> , 2005, 19, 1056-1060.	0.5	94
80	Regulated recruitment of DC-SIGN to cell-cell contact regions during zymosan-induced human dendritic cell aggregation. <i>Journal of Leukocyte Biology</i> , 2005, 77, 699-709.	3.3	25
81	Interactive protrusive structures during leukocyte adhesion and transendothelial migration. <i>Frontiers in Bioscience - Landmark</i> , 2004, 9, 1849.	3.0	38
82	VLA-4 integrin concentrates at the peripheral supramolecular activation complex of the immune synapse and drives T helper 1 responses. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004, 101, 11058-11063.	7.1	128
83	Caveolae Are a Novel Pathway for Membrane-Type 1 Matrix Metalloproteinase Traffic in Human Endothelial Cells. <i>Molecular Biology of the Cell</i> , 2004, 15, 678-687.	2.1	163
84	Peritoneal Dialysis and Epithelial-to-Mesenchymal Transition of Mesothelial Cells. <i>New England Journal of Medicine</i> , 2003, 348, 403-413.	27.0	694
85	A Functionally Relevant Conformational Epitope on the CD9 Tetraspanin Depends on the Association with Activated $\beta 2$ Integrin. <i>Journal of Biological Chemistry</i> , 2003, 278, 208-218.	3.4	66
86	The RhoA Effector mDia Is Induced During T Cell Activation and Regulates Actin Polymerization and Cell Migration in T Lymphocytes. <i>Journal of Immunology</i> , 2003, 171, 1023-1034.	0.8	69
87	Cutting Edge: Association of the Motor Protein Nonmuscle Myosin Heavy Chain-IIA with the C Terminus of the Chemokine Receptor CXCR4 in T Lymphocytes. <i>Journal of Immunology</i> , 2002, 169, 5410-5414.	0.8	53
88	Cutting Edge: Dynamic Redistribution of Tetraspanin CD81 at the Central Zone of the Immune Synapse in Both T Lymphocytes and APC. <i>Journal of Immunology</i> , 2002, 169, 6691-6695.	0.8	128
89	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
90	ECM regulates MT1-MMP localization with $\beta 1$ or $\beta 3$ integrins at distinct cell compartments modulating its internalization and activity on human endothelial cells. <i>Journal of Cell Biology</i> , 2002, 159, 509-521.	5.2	206

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91	The leukocyte cytoskeleton in cell migration and immune interactions. <i>International Review of Cytology</i> , 2002, 216, 233-289.	6.2	58
92	ITAM-Based Interaction of ERM Proteins with Syk Mediates Signaling by the Leukocyte Adhesion Receptor PSGL-1. <i>Immunity</i> , 2002, 17, 401-412.	14.3	200
93	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
94	Effects of Mycophenolate Mofetil in Mercury-Induced Autoimmune Nephritis. <i>Journal of the American Society of Nephrology: JASN</i> , 2002, 13, 937-945.	6.1	24
95	Effect of the hepatitis B virus HBx protein on integrin-mediated adhesion to and migration on extracellular matrix. <i>Journal of Hepatology</i> , 2001, 34, 409-415.	3.7	71
96	Regulatory role of tetraspanin CD9 in tumor-endothelial cell interaction during transendothelial invasion of melanoma cells. <i>Blood</i> , 2001, 98, 3717-3726.	1.4	103
97	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
98	Tetraspanins and Intercellular Interactions. <i>Microcirculation</i> , 2001, 8, 153-168.	1.8	41
99	Involvement of $\alpha 3$ integrin/tetraspanins complexes in the angiogenic response induced by angiotensin II. <i>FASEB Journal</i> , 2001, 15, 1457-1459.	0.5	22
100	Tetraspanins and Intercellular Interactions. <i>Microcirculation</i> , 2001, 8, 153-168.	1.8	24
101	Tetraspanins are Localized at Motility-Related Structures and Involved in Normal Human Keratinocyte Wound Healing Migration. <i>Journal of Investigative Dermatology</i> , 2000, 114, 1126-1135.	0.7	98
102	Activation of Peripheral Blood T Cells by Interaction and Migration Through Endothelium: Role of Lymphocyte Function Antigen-1/Intercellular Adhesion Molecule-1 and Interleukin-15. <i>Blood</i> , 1999, 93, 886-896.	1.4	7
103	Differential Expression of Activation Epitopes of $\alpha 21$ Integrins in Psoriasis and Normal Skin. <i>Journal of Investigative Dermatology</i> , 1998, 111, 19-24.	0.7	29
104	Regulation of Endothelial Cell Motility by Complexes of Tetraspan Molecules CD81/TAPA-1 and CD151/PETA-3 with $\alpha 21$ Integrin Localized at Endothelial Lateral Junctions. <i>Journal of Cell Biology</i> , 1998, 141, 791-804.	5.2	266