

MarÃ-a MartÃ-nez-Esparza

List of Publications by Year in descending order

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54
papers

1,785
citations

257450

24
h-index

276875

41
g-index

55
all docs

55
docs citations

55
times ranked

2487
citing authors

#	ARTICLE	IF	CITATIONS
1	Specific Recognition of <i>Candida albicans</i> by Macrophages Requires Galectin-3 to Discriminate <i>Saccharomyces cerevisiae</i> and Needs Association with TLR2 for Signaling. <i>Journal of Immunology</i> , 2006, 177, 4679-4687.	0.8	214
2	A study of CD33 (SIGLEC-3) antigen expression and function on activated human T and NK cells: two isoforms of CD33 are generated by alternative splicing. <i>Journal of Leukocyte Biology</i> , 2006, 79, 46-58.	3.3	115
3	Inhibition of melanogenesis in response to oxidative stress: transient downregulation of melanocyte differentiation markers and possible involvement of microphthalmia transcription factor. <i>Journal of Cell Science</i> , 2001, 114, 2335-44.	2.0	103
4	Mechanisms of melanogenesis inhibition by tumor necrosis factor- α in B16/F10 mouse melanoma cells. <i>FEBS Journal</i> , 1998, 255, 139-146.	0.2	101
5	Identification of a New Family of Genes Involved in β -1,2-Mannosylation of Glycans in <i>Pichia pastoris</i> and <i>Candida albicans</i> . <i>Journal of Biological Chemistry</i> , 2008, 283, 9724-9736.	3.4	82
6	Host responses to a versatile commensal: PAMPs and PRRs interplay leading to tolerance or infection by <i>Candida albicans</i> . <i>Cellular Microbiology</i> , 2009, 11, 1007-1015.	2.1	73
7	Transforming Growth Factor- β 1 Inhibits Basal Melanogenesis in B16/F10 Mouse Melanoma Cells by Increasing the Rate of Degradation of Tyrosinase and Tyrosinase-related Protein-1. <i>Journal of Biological Chemistry</i> , 1997, 272, 3967-3972.	3.4	70
8	Epitope mapping, expression and post-translational modifications of two isoforms of CD33 (CD33M and Tj ETQq0,0,0 rgBT /Overlock 1	2.5	64
9	Inflammatory status in human hepatic cirrhosis. <i>World Journal of Gastroenterology</i> , 2015, 21, 11522.	3.3	57
10	Hypothetical roadmap towards endometriosis: prenatal endocrine-disrupting chemical pollutant exposure, anogenital distance, gut-genital microbiota and subclinical infections. <i>Human Reproduction Update</i> , 2020, 26, 214-246.	10.8	54
11	The mouse silver locus encodes a single transcript truncated by the silver mutation. <i>Mammalian Genome</i> , 1999, 10, 1168-1171.	2.2	53
12	Disruption of the <i>Candida albicans</i> ATC1 gene encoding a cell-linked acid trehalase decreases hypha formation and infectivity without affecting resistance to oxidative stress. <i>Microbiology (United Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 29</i>	10	29
13	Role of trehalose in resistance to macrophage killing: study with a <i>tps1/tps1</i> trehalose-deficient mutant of <i>Candida albicans</i> . <i>Clinical Microbiology and Infection</i> , 2007, 13, 384-394.	6.0	44
14	Characterization of human peritoneal monocyte/macrophage subsets in homeostasis: Phenotype, GATA6, phagocytic/oxidative activities and cytokines expression. <i>Scientific Reports</i> , 2018, 8, 12794.	3.3	44
15	Interleukin-7 rescues human activated T lymphocytes from apoptosis induced by glucocorticosteroids and regulates bcl-2 and CD25 expression. <i>Human Immunology</i> , 1995, 43, 181-189.	2.4	40
16	Role of trehalose-6P phosphatase (TPS2) in stress tolerance and resistance to macrophage killing in <i>Candida albicans</i> . <i>International Journal of Medical Microbiology</i> , 2009, 299, 453-464.	3.6	37
17	Transforming growth factor β 1 mediates hypopigmentation of B16 mouse melanoma cells by inhibition of melanin formation and melanosome maturation. <i>International Journal of Biochemistry and Cell Biology</i> , 2001, 33, 971-983.	2.8	36
18	New Insights on the Structure of the Mouse Silver Locus and on the Function of the Silver Protein. <i>Pigment Cell & Melanoma Research</i> , 2000, 13, 118-124.	3.6	35

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19	Molecular Interactions within the Melanogenic Complex: Formation of Heterodimers of Tyrosinase and TRP1 from B16 Mouse Melanoma. <i>Biochemical and Biophysical Research Communications</i> , 1998, 253, 761-767.	2.1	33
20	Therapeutic potential of pteridine derivatives: A comprehensive review. <i>Medicinal Research Reviews</i> , 2019, 39, 461-516.	10.5	31
21	The Role of Peritoneal Macrophages in Endometriosis. <i>International Journal of Molecular Sciences</i> , 2021, 22, 10792.	4.1	31
22	In <i>Candida parapsilosis</i> the ATC1 Gene Encodes for an Acid Trehalase Involved in Trehalose Hydrolysis, Stress Resistance and Virulence. <i>PLoS ONE</i> , 2014, 9, e99113.	2.5	30
23	Analysis of validamycin as a potential antifungal compound against <i>Candida albicans</i> . <i>International Microbiology</i> , 2013, 16, 217-25.	2.4	28
24	Comparative analysis of cell wall surface glycan expression in <i>Candida albicans</i> and <i>Saccharomyces cerevisiae</i> yeasts by flow cytometry. <i>Journal of Immunological Methods</i> , 2006, 314, 90-102.	1.4	26
25	The peritoneal macrophage inflammatory profile in cirrhosis depends on the alcoholic or hepatitis C viral etiology and is related to ERK phosphorylation. <i>BMC Immunology</i> , 2012, 13, 42.	2.2	25
26	Role of MAP Kinases and PI3K/Akt on the cytokine inflammatory profile of peritoneal macrophages from the ascites of cirrhotic patients. <i>Liver International</i> , 2013, 33, 552-560.	3.9	23
27	A novel CD14 ^{high} CD16 ^{high} subset of peritoneal macrophages from cirrhotic patients is associated to an increased response to LPS. <i>Molecular Immunology</i> , 2016, 72, 28-36.	2.2	23
28	Peritoneal macrophage priming in cirrhosis is related to ERK phosphorylation and IL6 secretion. <i>European Journal of Clinical Investigation</i> , 2011, 41, 8-15.	3.4	21
29	Pga26 mediates filamentation and biofilm formation and is required for virulence in <i>Candida albicans</i> . <i>FEMS Yeast Research</i> , 2011, 11, 389-397.	2.3	19
30	Stress responses in yeasts: what rules apply?. <i>Archives of Microbiology</i> , 2008, 189, 293-296.	2.2	18
31	Glycoconjugate expression on the cell wall of <i>tps1/tps1</i> trehalose-deficient <i>Candida albicans</i> strain and implications for its interaction with macrophages. <i>Glycobiology</i> , 2011, 21, 796-805.	2.5	16
32	Isolation of functional mature peritoneal macrophages from healthy humans. <i>Immunology and Cell Biology</i> , 2020, 98, 114-126.	2.3	14
33	Dosage-dependent roles of the Cwt1 transcription factor for cell wall architecture, morphogenesis, drug sensitivity and virulence in <i>Candida albicans</i> . <i>Yeast</i> , 2010, 27, 77-87.	1.7	13
34	Micafungin Enhances the Human Macrophage Response to <i>Candida albicans</i> through β -Glucan Exposure. <i>Antimicrobial Agents and Chemotherapy</i> , 2018, 62, .	3.2	13
35	Expression of LAIR-1 (CD305) on Human Blood Monocytes as a Marker of Hepatic Cirrhosis Progression. <i>Journal of Immunology Research</i> , 2019, 2019, 1-12.	2.2	13
36	Brassica Bioactives Could Ameliorate the Chronic Inflammatory Condition of Endometriosis. <i>International Journal of Molecular Sciences</i> , 2020, 21, 9397.	4.1	13

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37	The cellular resistance against oxidative stress (H ₂ O ₂) is independent of neutral trehalase (Ntc1p) activity in <i>Candida albicans</i> . <i>FEMS Yeast Research</i> , 2006, 6, 57-62.	2.3	12
38	Regulatory role of PI3K-protein kinase B on the release of interleukin-1 β in peritoneal macrophages from the ascites of cirrhotic patients. <i>Clinical and Experimental Immunology</i> , 2014, 178, 525-536.	2.6	11
39	Membrane Vesicles for Nanoencapsulated Sulforaphane Increased Their Anti-Inflammatory Role on an In Vitro Human Macrophage Model. <i>International Journal of Molecular Sciences</i> , 2022, 23, 1940.	4.1	11
40	Regulation of the Murine Silver Locus Product (gp87) by the Hypopigmenting Cytokines TGF- β 1 and TNF- α . <i>Pigment Cell & Melanoma Research</i> , 2000, 13, 120-126.	3.6	10
41	Quinoxalines Potential to Target Pathologies. <i>Current Medicinal Chemistry</i> , 2015, 22, 3075-3108.	2.4	10
42	Analysis of the anti-inflammatory potential of Brassica bioactive compounds in a human macrophage-like cell model derived from HL-60 cells. <i>Biomedicine and Pharmacotherapy</i> , 2022, 149, 112804.	5.6	10
43	Homozygous deletion of ATC1 and NTC1 genes in <i>Candida parapsilosis</i> abolishes trehalase activity and affects cell growth, sugar metabolism, stress resistance, infectivity and biofilm formation. <i>Fungal Genetics and Biology</i> , 2015, 85, 45-57.	2.1	9
44	Deletion of <i>GLX3</i> in <i>Candida albicans</i> affects temperature tolerance, biofilm formation and virulence. <i>FEMS Yeast Research</i> , 2019, 19, .	2.3	9
45	Intracellular signaling modifications involved in the anti-inflammatory effect of 4-alkoxy-6,9-dichloro[1,2,4]triazolo[4,3-a]quinoxalines on macrophages. <i>European Journal of Pharmaceutical Sciences</i> , 2017, 99, 292-298.	4.0	7
46	Recent insights into the characteristics and role of peritoneal macrophages from ascites of cirrhotic patients. <i>World Journal of Gastroenterology</i> , 2021, 27, 7014-7024.	3.3	7
47	Comparison of TRPs From Murine and Human Malignant Melanocytes. <i>Pigment Cell & Melanoma Research</i> , 1997, 10, 229-235.	3.6	6
48	A Method for Examining Glycans Surface Expression of Yeasts by Flow Cytometry. <i>Methods in Molecular Biology</i> , 2009, 470, 85-94.	0.9	6
49	Regulation of ornithine decarboxylase in B16 mouse melanoma cells: synergistic activation of melanogenesis by α -MSH and ornithine decarboxylase inhibition. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2002, 1542, 57-65.	4.1	4
50	The cellular resistance against oxidative stress (H ₂ O ₂) is independent of neutral trehalase (Ntc1p) activity in <i>Candida albicans</i> . <i>FEMS Yeast Research</i> , 2006, 6, 319-319.	2.3	3
51	MHC-I Molecules Selectively Inhibit Cell-Mediated Cytotoxicity Triggered by ITAM-Coupled Activating Receptors and 2B4. <i>PLoS ONE</i> , 2014, 9, e107054.	2.5	3
52	Identification of fungal trehalose for the diagnosis of invasive candidiasis by mass spectrometry. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2022, 1866, 130083.	2.4	2
53	Anti-leukemia activity of 4-amino-2-aryl-6,9-dichlorobenzo[g]pteridines. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2019, 392, 219-227.	3.0	1
54	Synthetic oligodeoxynucleotides induce MAP kinases activation in murine TIB-73 hepatocytes. <i>Histology and Histopathology</i> , 2010, 25, 831-40.	0.7	1