

Luis F Moita

List of Publications by Year in descending order

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69
papers

15,059
citations

94433

37
h-index

114465

63
g-index

78
all docs

78
docs citations

78
times ranked

28956
citing authors

#	ARTICLE	IF	CITATIONS
1	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , 2016, 12, 1-222.	9.1	4,701
2	Rab27a and Rab27b control different steps of the exosome secretion pathway. <i>Nature Cell Biology</i> , 2010, 12, 19-30.	10.3	1,992
3	Analysis of ESCRT functions in exosome biogenesis, composition and secretion highlights the heterogeneity of extracellular vesicles. <i>Journal of Cell Science</i> , 2013, 126, 5553-65.	2.0	1,035
4	Immunity-Related Genes and Gene Families in <i>Anopheles gambiae</i> . <i>Science</i> , 2002, 298, 159-165.	12.6	845
5	Complement-Like Protein TEP1 Is a Determinant of Vectorial Capacity in the Malaria Vector <i>Anopheles gambiae</i> . <i>Cell</i> , 2004, 116, 661-670.	28.9	566
6	Rab27a Supports Exosome-Dependent and -Independent Mechanisms That Modify the Tumor Microenvironment and Can Promote Tumor Progression. <i>Cancer Research</i> , 2012, 72, 4920-4930.	0.9	527
7	Conserved Role of a Complement-like Protein in Phagocytosis Revealed by dsRNA Knockout in Cultured Cells of the Mosquito, <i>Anopheles gambiae</i> . <i>Cell</i> , 2001, 104, 709-718.	28.9	472
8	Dectin-2 is a Syk-coupled pattern recognition receptor crucial for Th17 responses to fungal infection. <i>Journal of Experimental Medicine</i> , 2009, 206, 2037-2051.	8.5	411
9	Reverse genetics in the mosquito <i>Anopheles gambiae</i> : targeted disruption of the Defensin gene. <i>EMBO Reports</i> , 2002, 3, 852-856.	4.5	331
10	Mycobacterium tuberculosis protein ESAT-6 is a potent activator of the NLRP3/ASC inflammasome. <i>Cellular Microbiology</i> , 2010, 12, 1046-1063.	2.1	286
11	Sec22b Regulates Phagosomal Maturation and Antigen Crosspresentation by Dendritic Cells. <i>Cell</i> , 2011, 147, 1355-1368.	28.9	273
12	Disease tolerance and immunity in host protection against infection. <i>Nature Reviews Immunology</i> , 2017, 17, 83-96.	22.7	265
13	Dendritic cells control fibroblastic reticular network tension and lymph node expansion. <i>Nature</i> , 2014, 514, 498-502.	27.8	264
14	The Small GTPase Rac2 Controls Phagosomal Alkalinization and Antigen Crosspresentation Selectively in CD8+ Dendritic Cells. <i>Immunity</i> , 2009, 30, 544-555.	14.3	251
15	DNGR-1 is a specific and universal marker of mouse and human Batf3-dependent dendritic cells in lymphoid and nonlymphoid tissues. <i>Blood</i> , 2012, 119, 6052-6062.	1.4	226
16	Regulation of CD45 Alternative Splicing by Heterogeneous Ribonucleoprotein, hnRNPLL. <i>Science</i> , 2008, 321, 686-691.	12.6	171
17	Celastrol: A Spectrum of Treatment Opportunities in Chronic Diseases. <i>Frontiers in Medicine</i> , 2017, 4, 69.	2.6	167
18	SAMHD1-dependent retroviral control and escape in mice. <i>EMBO Journal</i> , 2013, 32, 2454-2462.	7.8	141

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19	Anthracyclines Induce DNA Damage Response-Mediated Protection against Severe Sepsis. <i>Immunity</i> , 2013, 39, 874-884.	14.3	131
20	One-step synthesis of high-density peptide-conjugated gold nanoparticles with antimicrobial efficacy in a systemic infection model. <i>Biomaterials</i> , 2016, 85, 99-110.	11.4	127
21	In Vivo Identification of Novel Regulators and Conserved Pathways of Phagocytosis in <i>A. gambiae</i> . <i>Immunity</i> , 2005, 23, 65-73.	14.3	126
22	Small Molecule-Mediated Activation of the Integrin CD11b/CD18 Reduces Inflammatory Disease. <i>Science Signaling</i> , 2011, 4, ra57.	3.6	118
23	The MHC class Ib protein ULBP1 is a nonredundant determinant of leukemia/lymphoma susceptibility to β 1 T-cell cytotoxicity. <i>Blood</i> , 2010, 115, 2407-2411.	1.4	117
24	Effective treatment of rat adjuvant-induced arthritis by celastrol. <i>Autoimmunity Reviews</i> , 2012, 11, 856-862.	5.8	112
25	Synaptotagmin-mediated vesicle fusion regulates cell migration. <i>Nature Immunology</i> , 2010, 11, 495-502.	14.5	101
26	CD11b activation suppresses TLR-dependent inflammation and autoimmunity in systemic lupus erythematosus. <i>Journal of Clinical Investigation</i> , 2017, 127, 1271-1283.	8.2	100
27	Phosphorylation of SRSF1 by SRPK1 regulates alternative splicing of tumor-related Rac1b in colorectal cells. <i>Rna</i> , 2014, 20, 474-482.	3.5	83
28	Polymer-supported lipid shells, onions, and flowers. <i>Soft Matter</i> , 2008, 4, 1787.	2.7	77
29	Absence of miR-146a in Podocytes Increases Risk of Diabetic Glomerulopathy via Up-regulation of ErbB4 and Notch-1. <i>Journal of Biological Chemistry</i> , 2017, 292, 732-747.	3.4	74
30	shRNA-Based Screen Identifies Endocytic Recycling Pathway Components That Act as Genetic Modifiers of Alpha-Synuclein Aggregation, Secretion and Toxicity. <i>PLoS Genetics</i> , 2016, 12, e1005995.	3.5	68
31	Endosomal MR1 Trafficking Plays a Key Role in Presentation of Mycobacterium tuberculosis Ligands to MAIT Cells. <i>PLoS Pathogens</i> , 2016, 12, e1005524.	4.7	67
32	RNA Interference Knockdown of hU2AF35 Impairs Cell Cycle Progression and Modulates Alternative Splicing of Cdc25 Transcripts. <i>Molecular Biology of the Cell</i> , 2006, 17, 4187-4199.	2.1	65
33	Integrins of <i>Anopheles gambiae</i> and a putative role of a new β 2 integrin, BINT2, in phagocytosis of <i>E. coli</i> . <i>Insect Biochemistry and Molecular Biology</i> , 2006, 36, 282-290.	2.7	57
34	Rab27a controls HIV-1 assembly by regulating plasma membrane levels of phosphatidylinositol 4,5-bisphosphate. <i>Journal of Cell Biology</i> , 2015, 209, 435-452.	5.2	56
35	CHK1 overexpression in T-cell acute lymphoblastic leukemia is essential for proliferation and survival by preventing excessive replication stress. <i>Oncogene</i> , 2015, 34, 2978-2990.	5.9	56
36	Ribosome-Targeting Antibiotics Impair T Cell Effector Function and Ameliorate Autoimmunity by Blocking Mitochondrial Protein Synthesis. <i>Immunity</i> , 2021, 54, 68-83.e6.	14.3	51

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37	Loss of WNK2 expression by promoter gene methylation occurs in adult gliomas and triggers Rac1-mediated tumour cell invasiveness. <i>Human Molecular Genetics</i> , 2013, 22, 84-95.	2.9	44
38	Tetracycline Antibiotics Induce Host-Dependent Disease Tolerance to Infection. <i>Immunity</i> , 2021, 54, 53-67.e7.	14.3	42
39	Activation of the hypothalamic-pituitary-adrenal axis by exogenous and endogenous GDF15. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	40
40	CXCL5-mediated recruitment of neutrophils into the peritoneal cavity of <i>Gdf15</i> -deficient mice protects against abdominal sepsis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 12281-12287.	7.1	39
41	Decrease of CD68 Synovial Macrophages in Celastrol Treated Arthritic Rats. <i>PLoS ONE</i> , 2015, 10, e0142448.	2.5	37
42	TET1 is a negative transcriptional regulator of IL-1 β in the THP-1 cell line. <i>Molecular Immunology</i> , 2013, 54, 264-270.	2.2	33
43	Initiation of innate immune responses by surveillance of homeostasis perturbations. <i>FEBS Journal</i> , 2016, 283, 2448-2457.	4.7	32
44	Novel HIV-1 Knockdown Targets Identified by an Enriched Kinases/Phosphatases shRNA Library Using a Long-Term Iterative Screen in Jurkat T-Cells. <i>PLoS ONE</i> , 2010, 5, e9276.	2.5	31
45	Combined glucocorticoid resistance and hyperlactatemia contributes to lethal shock in sepsis. <i>Cell Metabolism</i> , 2021, 33, 1763-1776.e5.	16.2	28
46	Potent Anti-Inflammatory and Antiproliferative Effects of Gambogic Acid in a Rat Model of Antigen-Induced Arthritis. <i>Mediators of Inflammation</i> , 2014, 2014, 1-7.	3.0	27
47	Genome-Wide Analysis of Alternative Splicing during Dendritic Cell Response to a Bacterial Challenge. <i>PLoS ONE</i> , 2013, 8, e61975.	2.5	26
48	Deletion of <i>iRhom2</i> protects against diet-induced obesity by increasing thermogenesis. <i>Molecular Metabolism</i> , 2020, 31, 67-84.	6.5	25
49	Highly Dynamic Host Actin Reorganization around Developing Plasmodium Inside Hepatocytes. <i>PLoS ONE</i> , 2012, 7, e29408.	2.5	22
50	Effect of celastrol on bone structure and mechanics in arthritic rats. <i>RMD Open</i> , 2017, 3, e000438.	3.8	22
51	Changes in Expression of the CLOCK Gene in Obstructive Sleep Apnea Syndrome Patients Are Not Reverted by Continuous Positive Airway Pressure Treatment. <i>Frontiers in Medicine</i> , 2017, 4, 187.	2.6	16
52	Modulation of inflammation and disease tolerance by DNA damage response pathways. <i>FEBS Journal</i> , 2017, 284, 680-698.	4.7	14
53	A Th2 Cytokine Profile in Appendicular Lavage Fluid Suggests Allergy as a Possible Etiology for Acute Appendicitis. <i>Mediators of Inflammation</i> , 2019, 2019, 1-5.	3.0	13
54	Celastrol Efficacy by Oral Administration in the Adjuvant-Induced Arthritis Model. <i>Frontiers in Medicine</i> , 2020, 7, 455.	2.6	10

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55	An shRNA-Based Screen of Splicing Regulators Identifies SFRS3 as a Negative Regulator of IL-1 β Secretion. PLoS ONE, 2011, 6, e19829.	2.5	10
56	Decrease of perforin positive CD3+ $\gamma\delta$ -T cells in patients with obstructive sleep disordered breathing. Sleep and Breathing, 2018, 22, 211-221.	1.7	9
57	Increased IgE Deposition in Appendicular Tissue Specimens Is Compatible with a Type I Hypersensitivity Reaction in Acute Appendicitis. Mediators of Inflammation, 2021, 2021, 1-7.	3.0	7
58	RNA screen for kinases and phosphatases that play a role in antigen presentation by dendritic cells. European Journal of Immunology, 2012, 42, 1843-1849.	2.9	5
59	The Cadherin Superfamily in Anopheles gambiae: a Comparative Study With Drosophila melanogaster. Comparative and Functional Genomics, 2005, 6, 204-216.	2.0	4
60	Sepsis: the need for tolerance not complacency. Swiss Medical Weekly, 2016, 146, w14276.	1.6	3
61	Role of CD3+ $\gamma\delta$ -T cells in the association of obstructive sleep-disordered breathing and cancer. Sleep and Breathing, 2020, 24, 1673-1674.	1.7	1
62	Potential benefit of angiotensin II in COVID-19 patients: beyond reasonable doubt?. Critical Care, 2020, 24, 324.	5.8	1
63	Thioester-Containing Proteins of Protostomes. , 0, , 155-174.		1
64	Identification of genes involved in unconventional protein secretion pathways. Cytokine, 2009, 48, 118.	3.2	0
65	Roles of the putative epigenetic regulator TET1 in innate immune responses. Cytokine, 2009, 48, 118.	3.2	0
66	Diurnal Objective Evaluation Of Sleepiness After A Night Of Work In Health Care Professionals. , 2010, , .		0
67	The specific inhibitor of ROR γ t transcriptional activity and Th17 polarisation digoxin reduces the severity of adjuvant-induced arthritis. Annals of the Rheumatic Diseases, 2012, 71, A87.3-A88.	0.9	0
68	Dectin-2 is a Syk-coupled pattern recognition receptor crucial for Th17 responses to fungal infection. Journal of Cell Biology, 2009, 186, i9-i9.	5.2	0
69	Hypoxic and non-hypoxic obstructive sleep disordered breathing. Effect on cytotoxic lymphocytes and metabolic parameters. , 2016, , .		0