JosÃ© R Regueiro

List of Publications by Year
in descending order

109 papers	2,568 citations	236925 25 h-index	223800 46 g-index
111 all docs	111 docs citations	111 times ranked	3031 citing authors

#	Article	IF	Citations
1	Primary Immunodeficiency Caused by Mutations in the Gene Encoding the CD3-Î³ Subunit of the T-Lymphocyte Receptor. New England Journal of Medicine, 1992, 327, 529-533.	27.0	232
2	SLAM is a microbial sensor that regulates bacterial phagosome functions in macrophages. Nature Immunology, 2010, 11, 920-927.	14.5	156
3	Apparent genotype-phenotype correlation in childhood, adolescent, and adult Chediak-Higashi syndrome. American Journal of Medical Genetics Part A, 2002, 108, 16-22.	2.4	135
4	TCR signal strength controls thymic differentiation of discrete proinflammatory Î³Î´ T cell subsets. Nature Immunology, 2016, 17, 721-727.	14.5	114
5	Familial Defect in the Surface Expression of the T-Cell Receptorâ€“CD3 Complex. New England Journal of Medicine, 1988, 319, 1203-1208.	27.0	98
6	Inherited BCL10 deficiency impairs hematopoietic and nonhematopoietic immunity. Journal of Clinical Investigation, 2014, 124, 5239-5248.	8.2	97
7	GITR engagement preferentially enhances proliferation of functionally competent CD4+CD25+FoxP3+ regulatory T cells. International Immunology, 2010, 22, 259-270.	4.0	80
8	Expression and function of a variant T cell receptor complex lacking CD3-gamma.. Journal of Experimental Medicine, 1991, 174, 319-326.	8.5	68
9	Differential Biological Role of CD3 Chains Revealed by Human Immunodeficiencies. Journal of Immunology, 2007, 178, 2556-2564.	0.8	64
10	Different composition of the human and the mouse Î³Î´ T cell receptor explains different phenotypes of CD3Î³ and CD3Î´ immunodeficiencies. Journal of Experimental Medicine, 2007, 204, 2537-2544.	8.5	56
11	Patients with CD3G mutations reveal a role for human CD3Î³ in Treg diversity and suppressive function. Blood, 2018, 131, 2335-2344.	1.4	51
12	The BehÃ§et's disease-associated variant of the aminopeptidase ERAP1 shapes a low-affinity HLA-B*51 peptidome by differential subpeptidome processing. Journal of Biological Chemistry, 2017, 292, 9680-9689.	3.4	50
13	ÃŽÂ³ÃŽÂ´ T Lymphocytes in the Diagnosis of Human T Cell Receptor Immunodeficiencies. Frontiers in Immunology, 2015, 6, 20.	4.8	49
14	A Model for ATM Heterozygote Identification in a Large Population: Four Founder-Effect ATM Mutations Identify Most of Costa Rican Patients with Ataxia Telangiectasia. Molecular Genetics and Metabolism, 1998, 64, 36-43.	1.1	47
15	The CD3 Conformational Change in the Î³Î´ T Cell Receptor Is Not Triggered by Antigens but Can Be Enforced to Enhance Tumor Killing. Cell Reports, 2014, 7, 1704-1715.	6.4	47
16	A leaky mutation in CD3D differentially affects Î±Î² and Î³Î´ T cells and leads to a TÎ±Î²â€“TÎ³Î´+B+NK+ human SCID. Journal of Clinical Investigation, 2011, 121, 3872-3876.	8.2	46
17	T-lymphocyte dysfunctions occurring together with apical gut epithelial cell autoantibodies. Gastroenterology, 1991, 101, 390-397.	1.3	45
18	A Novel MEK-ERK-AMPK Signaling Axis Controls Chemokine Receptor CCR7-dependent Survival in Human Mature Dendritic Cells. Journal of Biological Chemistry, 2015, 290, 827-840.	3.4	42

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19	Critical Involvement of the ATM-Dependent DNA Damage Response in the Apoptotic Demise of HIV-1-Elicited Syncytia. PLoS ONE, 2008, 3, e2458.	2.5	41
20	Human T-cell activation deficiencies. Trends in Immunology, 1992, 13, 259-265.	7.5	40
21	ATAXIA-TELANGIECTASIA. Immunology and Allergy Clinics of North America, 2000, 20, 177-206.	1.9	39
22	Diploid Expression of Human Leukocyte Antigen Class I and Class II Molecules on Spermatozoa and their Cyclic Inverse Correlation with Inhibin Concentration1. Biology of Reproduction, 1996, 55, 620-629.	2.7	38
23	Biochemical Differences in the Î±Î² T Cell ReceptorÂ·CD3 Surface Complex between CD8+ and CD4+ Human Mature T Lymphocytes. Journal of Biological Chemistry, 2004, 279, 24485-24492.	3.4	34
24	Complement as a diagnostic tool in immunopathology. Seminars in Cell and Developmental Biology, 2019, 85, 86-97.	5.0	33
25	Conformational and Biochemical Differences in the TCRÂ·CD3 Complex of CD8+ Versus CD4+ Mature Lymphocytes Revealed in the Absence of CD3Î³. Journal of Biological Chemistry, 1999, 274, 35119-35128.	3.4	29
26	New human combined immunodeficiency caused by interferon regulatory factor 4 (IRF4) deficiency inherited by uniparental isodisomy. Journal of Allergy and Clinical Immunology, 2018, 141, 1924-1927.e18.	2.9	29
27	Human plasma C3 is essential for the development of memory B, but not T, lymphocytes. Journal of Allergy and Clinical Immunology, 2018, 141, 1151-1154.e14.	2.9	26
28	Human MHC Class III (Bf, C2, C4) genes and GLO: their association with other HLA antigens and extended haplotypes in the Spanish population. Tissue Antigens, 1988, 31, 14-25.	1.0	25
29	Selective disbalances of peripheral blood T lymphocyte subsets in human CD3Î³ deficiency. European Journal of Immunology, 1993, 23, 1440-1444.	2.9	25
30	T lymphocyte receptor deficiencies. Current Opinion in Immunology, 1995, 7, 441-447.	5.5	25
31	New Tools in Regenerative Medicine: Gene Therapy. Advances in Experimental Medicine and Biology, 2012, 741, 254-275.	1.6	24
32	Crystal Structure of Glyceraldehyde-3-Phosphate Dehydrogenase from the Gram-Positive Bacterial Pathogen A. vaginae, an Immunoevasive Factor that Interacts with the Human C5a Anaphylatoxin. Frontiers in Microbiology, 2017, 8, 541.	3.5	24
33	Herpes virus saimiri transformation of T cells in CD3Î³ immunodeficiency: phenotypic and functional characterization. Journal of Immunological Methods, 1996, 198, 177-186.	1.4	23
34	TCR Dynamics in Human Mature T Lymphocytes Lacking CD3Î³. Journal of Immunology, 2003, 170, 5947-5955.	0.8	23
35	Both HLA class II and class III DNA polymorphisms are linked to juvenile rheumatoid arthritis susceptibility. Clinical Immunology and Immunopathology, 1990, 56, 22-28.	2.0	22
36	Hematopoietic stem cell transplantation for CD3Î´ deficiency. Journal of Allergy and Clinical Immunology, 2011, 128, 1050-1057.	2.9	22

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37	An in Vivo Functional Immune System Lacking Polyclonal T-Cell Surface Expression of the CD3/Ti(WT31) Complex. Scandinavian Journal of Immunology, 1987, 26, 699-707.	2.7	19
38	T lymphocyte anergy during acute infectious mononucleosis is restricted to the clonotypic receptor activation pathway. Clinical and Experimental Immunology, 2008, 89, 83-88.	2.6	18
39	Selective impairment of T lymphocyte activation through the T cell receptor/CD3 complex after cytomegalovirus infection. Clinical and Experimental Immunology, 2008, 94, 38-42.	2.6	18
40	Low IgG2 and polysaccharide response in a T cell receptor expression defect. European Journal of Immunology, 1990, 20, 2411-2416.	2.9	17
41	Herpesvirus saimiri immortalization of Î±Î² and Î³Î´ human T-lineage cells derived from CD34+ intrathymic precursors in vitro. International Immunology, 1996, 8, 1797-1805.	4.0	17
42	Membrane and transmembrane signaling in Herpesvirus saimiri-transformed human CD4+ and CD8+ T lymphocytes is ATM-independent.. International Immunology, 2000, 12, 927-935.	4.0	17
43	Gain-of-function mutation in PIK3R1 in a patient with a narrow clinical phenotype of respiratory infections. Clinical Immunology, 2016, 173, 117-120.	3.2	17
44	Primary T-cell immunodeficiency with functional revertant somatic mosaicism in CD247. Journal of Allergy and Clinical Immunology, 2017, 139, 347-349.e8.	2.9	17
45	Construction of Retroviral Vectors Carrying Human CD3Î³cDNA and Reconstitution of CD3Î³Expression and T Cell Receptor Surface Expression and Function in a CD3Î³-Deficient Mutant T Cell Line. Human Gene Therapy, 1997, 8, 1041-1048.	2.7	16
46	Differential antibody binding to the surface ÂÂTCR{middle dot}CD3 complex of CD4+ and CD8+ T lymphocytes is conserved in mammals and associated with differential glycosylation. International Immunology, 2008, 20, 1247-1258.	4.0	16
47	Complement in basic processes of the cell. Molecular Immunology, 2017, 84, 10-16.	2.2	16
48	Peripheral blood reduction of memory (CD29+, CD45RO+, and â€œBrightâ€•CD2+ and LFA-1+) T lymphocytes in Papillon-LefÃ¨vre syndrome. Human Immunology, 1994, 41, 185-192.	2.4	15
49	A Shortcut from Metabolic-Associated Fatty Liver Disease (MAFLD) to Hepatocellular Carcinoma (HCC): c-MYC a Promising Target for Preventative Strategies and Individualized Therapy. Cancers, 2022, 14, 192.	3.7	15
50	Response to Vaccines in Patients with Immune-Mediated Inflammatory Diseases: A Narrative Review. Vaccines, 2022, 10, 297.	4.4	14
51	Contribution of CD3gamma to TCR regulation and signaling in human mature T lymphocytes. International Immunology, 2002, 14, 1357-1367.	4.0	13
52	Phenotypical and functional characterization of Herpesvirus saimiriâ€immortalized human major histocompatibility complex class Iâ€deficient T lymphocytes. Tissue Antigens, 1998, 51, 250-257.	1.0	13
53	Human CD3Î³, but not CD3Î´, haploinsufficiency differentially impairs Î³Î´ versus Î±Î² surface TCR expression. BMC Immunology, 2013, 14, 3.	2.2	13
54	Human Invariant Natural Killer T Cells Respond to Antigen-Presenting Cells Exposed to Lipids from Olea europaea Pollen. International Archives of Allergy and Immunology, 2017, 173, 12-22.	2.1	13

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55	C3 polymorphism, HLA and chronic renal failure in Spaniards. Human Genetics, 1984, 67, 437-440.	3.8	12
56	Characterization of Herpesvirus saimiri -transformed T lymphocytes from common variable immunodeficiency patients. Clinical and Experimental Immunology, 2002, 127, 366-373.	2.6	12
57	Enrichment of the rare CD4+ Î³Î´ T-cell subset in patients with atypical CD3Î´ deficiency. Journal of Allergy and Clinical Immunology, 2014, 133, 1205-1208.e9.	2.9	12
58	Natural killer cell hyporesponsiveness and impaired development in a CD247-deficient patient. Journal of Allergy and Clinical Immunology, 2016, 137, 942-945.e4.	2.9	12
59	Analysis of the recovery of CD247 expression in a PID patient: insights into the spontaneous repair of defective genes. Blood, 2017, 130, 1205-1208.	1.4	12
60	HLA-A, -B, -C, -Bw4, Bw6 and -DR Antigens are Expressed on Purified Seminal Cells Other than Spermatozoa.. Scandinavian Journal of Immunology, 1986, 24, 545-548.	2.7	10
61	Cutaneous Lesions in Severe Combined Immunodeficiency: Two Case Reports and a Review of the Literature. Pediatric Dermatology, 1991, 8, 314-321.	0.9	10
62	Direct Genetic Correction as a New Method for Diagnosis and Molecular Characterization of MHC Class II Deficiency. Molecular Therapy, 2002, 6, 824-829.	8.2	10
63	Toward Gene Therapy for Human CD3 Deficiencies. Human Gene Therapy, 2003, 14, 1653-1661.	2.7	10
64	Abnormal Liver Function Test in Patients Infected with Coronavirus (SARS-CoV-2): A Retrospective Single-Center Study from Spain. Journal of Clinical Medicine, 2021, 10, 1039.	2.4	10
65	Immunofixation for C2 typing: C2 allotypes in Spaniards in relation to HLA, Bf and C4. Human Genetics, 1985, 71, 58-61.	3.8	8
66	An Eco RI polymorphic site in the human complement C4 gene distinguishes Juvenile Rheumatoid Arthritis (JRA) susceptibility-bearing haplotypes. Molecular Immunology, 1989, 26, 427-430.	2.2	8
67	Functional integrity of the CD28 co-stimulatory pathway in T lymphocytes from elderly subjects. Age and Ageing, 1999, 28, 221-227.	1.6	8
68	CD3G or CD3D Knockdown in Mature, but Not Immature, T Lymphocytes Similarly Cripples the Human TCRÎ±Î² Complex. Frontiers in Cell and Developmental Biology, 2021, 9, 608490.	3.7	8
69	Description of an HLA-DQA1 RFLP allele [DQÎ±4] defining DQw4/DRw8-bearing haplotypes. Nucleic Acids Research, 1989, 17, 4006-4006.	14.5	7
70	A new HLA-DQA1 RFLP allele [DQÎ±3b] distinguishes between DQÎ± genes of DQw2â€“DR3 and DQw3â€“DR5 haplotypes. Nucleic Acids Research, 1989, 17, 4911-4911.	14.5	7
71	Lack of Preferential Transmission of Diabetic HLA Alleles by Healthy Parents to Offspring in Spanish Diabetic Families. Journal of Clinical Endocrinology and Metabolism, 1990, 70, 346-348.	3.6	7
72	Herpesvirus saimiri-transformed CD8+T cells as a tool to study Chediak-Higashi syndrome cytolytic lymphocytes. Journal of Leukocyte Biology, 2005, 77, 661-668.	3.3	7

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73	Different composition of the human and the mouse Î³Î´ T cell receptor explains different phenotypes of CD3Î³ and CD3Î´ immunodeficiencies. Journal of Experimental Medicine, 2007, 204, 3049-3049.	8.5	7
74	Impaired T cell signal transduction through CD28 in a patient with idiopathic thrombocytopenia. Clinical and Experimental Immunology, 2008, 85, 424-428.	2.6	7
75	Executive Summary of the Consensus Document on the Diagnosis and Management of Patients with Primary Immunodeficiencies. Journal of Allergy and Clinical Immunology: in Practice, 2020, 8, 3342-3347.	3.8	7
76	Human congenital T-cell receptor disorders. LymphoSign Journal, 2015, 2, 3-19.	0.2	7
77	The MHC-related protein 1 (MR1) is expressed by a subpopulation of CD38+, IgA+ cells in the human intestinal mucosa. Histology and Histopathology, 2009, 24, 1439-49.	0.7	7
78	T cell function in patients with impaired antibody responses to polysaccharide antigens. European Journal of Immunology, 1991, 21, 2293-2296.	2.9	6
79	HLA Typing of Dried Sperm. Journal of Forensic Sciences, 1984, 29, 11690J.	1.6	6
80	HLA-D determinants are expressed on human seminal cells other than spermatozoa but not on purified spermatozoa. Journal of Reproductive Immunology, 1990, 18, 237-245.	1.9	5
81	A diallelic RFLP of the CD3-epsilon chain of the clonotypic T-lymphocyte receptor is not associated with certain autoimmune diseases. Human Genetics, 1991, 86, 363-4.	3.8	5
82	Diseases involving the T-cell receptor/CD3 complex. Critical Reviews in Oncology/Hematology, 1995, 19, 131-147.	4.4	5
83	CD3 IMMUNODEFICIENCIES. Immunology and Allergy Clinics of North America, 2000, 20, 1-17.	1.9	5
84	Primary T lymphocyte immunodeficiency associated with a selective impairment of CD2, CD3, CD43 (but) Tj ETQq0 0 0 rgBT /Overlock 1	2.6	5
85	Apparent genotypeâ€“phenotype correlation in childhood, adolescent, and adult Chediakâ€Higashi syndrome. American Journal of Medical Genetics Part A, 2002, 108, 16-22.	2.4	5
86	Skewed TCR Alpha, but not Beta, Gene Rearrangements and Lymphoma Associated with a Pathogenic TRAC Variant. Journal of Clinical Immunology, 2021, 41, 1395-1399.	3.8	4
87	Fat: Quality, or Quantity? What Matters Most for the Progression of Metabolic Associated Fatty Liver Disease (MAFLD). Biomedicines, 2021, 9, 1289.	3.2	4
88	Shared SstI RFLPs by HLAâ€Aw19, A23/24 and A3/11 crossreacting groups. Tissue Antigens, 1990, 35, 206-210.	1.0	3
89	CD3Î³-independent pathways in TCR-mediated signaling in mature T and iNKT lymphocytes. Cellular Immunology, 2011, 271, 62-66.	3.0	3
90	Lymphocyte integration of complement cues. Seminars in Cell and Developmental Biology, 2019, 85, 132-142.	5.0	3

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91	Differential estimated HLA haplotype frequencies in young and adult insulinâ€dependent diabetics. Tissue Antigens, 1990, 36, 138-139.	1.0	2
92	CD11b-bearing mononuclear leucocytes and IgA levels in the staging of human immunodeficiency virus infection. Experientia, 1992, 48, 402-404.	1.2	2
93	Informe de actividades de la Sociedad EspaÃ±ola de InmunologÃa. Inmunologia (Barcelona, Spain: 1987), 2013, 32, 1-2.	0.1	2
94	Spanish Immunology on the move. European Journal of Immunology, 2015, 45, 1580-1583.	2.9	2
95	Complement in leucocyte development and function. Seminars in Cell and Developmental Biology, 2019, 85, 84-85.	5.0	2
96	T-Cell Receptor Complex Deficiency. , 2013, , 156-162.		2
97	Acquired selective signature dysgraphia. Annals of Neurology, 1992, 31, 115-115.	5.3	1
98	La enseÃ±anza universitaria de InmunologÃa antes y despuÃ©s de Bolonia. Inmunologia (Barcelona, Spain:) Tj ETQq0 0 0 rgBT /Overloc	0.1	1
99	Stem Cell Transplantation for CD3-delta Deficiency. Journal of Allergy and Clinical Immunology, 2011, 127, AB14-AB14.	2.9	1
100	Â¿Hacia dÃ³nde va la Sociedad EspaÃ±ola de InmunologÃa?. Inmunologia (Barcelona, Spain: 1987), 2013, 32, 35-39.	0.1	1
101	Una nueva pÃ¡gina web para todos. Inmunologia (Barcelona, Spain: 1987), 2013, 32, 121-122.	0.1	1
102	Inmunodeficiencias congÃ©nitas del receptor de antÃgeno de los linfocitos T. Inmunologia (Barcelona,) Tj ETQq0 0 0 rgBT /Overlock 10	0.1	1
103	Informe de actividades de la Sociedad EspaÃ±ola de InmunologÃa 2013. Inmunologia (Barcelona, Spain:) Tj ETQq1 1 0.784314 rgBT /O	0.1	1
104	A decrease in the estimated frequency of the extended HLA haplotype B18 CF130 DR3 DQw2 is common to non-insulin-dependent diabetes, juvenile rheumatoid arthritis, and Berger's disease. Experientia, 1993, 49, 553-556.	1.2	0
105	Phenotypical and functional characterization of Herpesvirus saimiri-immortalized human MHC class II-deficient T lymphocytes. Molecular Immunology, 1998, 35, 738.	2.2	0
106	Stem Cell Transplantation for CD3-Delta Deficiency. Biology of Blood and Marrow Transplantation, 2011, 17, S184.	2.0	0
107	CientÃficos espaÃ±oles con los Dres. Greg Winter y Richard A. Lerner, premios PrÃncipe de Asturias en InvestigaciÃ³n CientÃfica y TÃ©cnica 2012. Inmunologia (Barcelona, Spain: 1987), 2013, 32, 70-74.	0.1	0
108	Executive Summary of the Consensus Document on the Diagnosis and Management of Patients with Primary Immunodeficiencies. Enfermedades Infecciosas Y MicrobiologÃa ClÃnica, 2020, 38, 438-443.	0.5	0

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109	SÃ©zary syndrome patient-derived models allow drug selection for personalized therapy. Blood Advances, 2022, , .	5.2	0