

Carlos RodrÃ-iguez-Gallego

List of Publications by Year in descending order

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Version: 2024-02-01

75
papers

10,165
citations

117625

34
h-index

95266

68
g-index

79
all docs

79
docs citations

79
times ranked

14295
citing authors

#	ARTICLE	IF	CITATIONS
1	Autoantibodies against type I IFNs in patients with life-threatening COVID-19. <i>Science</i> , 2020, 370, .	12.6	1,983
2	Inborn errors of type I IFN immunity in patients with life-threatening COVID-19. <i>Science</i> , 2020, 370, .	12.6	1,749
3	Pyogenic Bacterial Infections in Humans with MyD88 Deficiency. <i>Science</i> , 2008, 321, 691-696.	12.6	844
4	Heterozygous STAT1 gain-of-function mutations underlie an unexpectedly broad clinical phenotype. <i>Blood</i> , 2016, 127, 3154-3164.	1.4	465
5	Mutations in <i>STAT3</i> and <i>IL12RB1</i> impair the development of human IL-17-producing T cells. <i>Journal of Experimental Medicine</i> , 2008, 205, 1543-1550.	8.5	406
6	Selective predisposition to bacterial infections in IRAK-4-deficient children: IRAK-4-dependent TLRs are otherwise redundant in protective immunity. <i>Journal of Experimental Medicine</i> , 2007, 204, 2407-2422.	8.5	374
7	Revisiting Human IL-12R β 1 Deficiency. <i>Medicine (United States)</i> , 2010, 89, 381-402.	1.0	367
8	Clinical Features and Outcome of Patients With IRAK-4 and MyD88 Deficiency. <i>Medicine (United States)</i> , 2010, 89, 403-425.	1.0	366
9	Autoantibodies neutralizing type I IFNs are present in ~4% of uninfected individuals over 70 years old and account for ~20% of COVID-19 deaths. <i>Science Immunology</i> , 2021, 6, .	11.9	357
10	Low Penetrance, Broad Resistance, and Favorable Outcome of Interleukin 12 Receptor β 1 Deficiency. <i>Journal of Experimental Medicine</i> , 2003, 197, 527-535.	8.5	286
11	X-linked recessive TLR7 deficiency in ~1% of men under 60 years old with life-threatening COVID-19. <i>Science Immunology</i> , 2021, 6, .	11.9	267
12	Human TLR-7-, -8-, and -9-Mediated Induction of IFN- β and - γ Is IRAK-4 Dependent and Redundant for Protective Immunity to Viruses. <i>Immunity</i> , 2005, 23, 465-478.	14.3	245
13	Human genetic and immunological determinants of critical COVID-19 pneumonia. <i>Nature</i> , 2022, 603, 587-598.	27.8	216
14	Mannose-binding lectin and mannose-binding lectin-associated serine protease 2 in susceptibility, severity, and outcome of pneumonia in adults. <i>Journal of Allergy and Clinical Immunology</i> , 2008, 122, 368-374.e2.	2.9	116
15	The risk of COVID-19 death is much greater and age dependent with type I IFN autoantibodies. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, e2200413119.	7.1	110
16	Single amino acid charge switch defines clinically distinct proline-serine-threonine phosphatase-interacting protein 1 (PSTPIP1)-associated inflammatory diseases. <i>Journal of Allergy and Clinical Immunology</i> , 2015, 136, 1337-1345.	2.9	103
17	Partial recessive IFN- β R1 deficiency: genetic, immunological and clinical features of 14 patients from 11 kindreds. <i>Human Molecular Genetics</i> , 2011, 20, 1509-1523.	2.9	102
18	SARS-CoV-2-related MIS-C: A key to the viral and genetic causes of Kawasaki disease?. <i>Journal of Experimental Medicine</i> , 2021, 218, .	8.5	100

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19	Clinical Features of Candidiasis in Patients With Inherited Interleukin 12 Receptor $\hat{2}$ 1 Deficiency. <i>Clinical Infectious Diseases</i> , 2014, 58, 204-213.	5.8	98
20	IgM+IgD+CD27+ B cells are markedly reduced in IRAK-4 $\hat{4}$, MyD88-, and TIRAP- but not UNC-93B $\hat{4}$ deficient patients. <i>Blood</i> , 2012, 120, 4992-5001.	1.4	87
21	Monozygotic twins discordant for common variable immunodeficiency reveal impaired DNA demethylation during na $\hat{5}$ ve-to-memory B-cell transition. <i>Nature Communications</i> , 2015, 6, 7335.	12.8	81
22	Studying severe long COVID to understand post-infectious disorders beyond COVID-19. <i>Nature Medicine</i> , 2022, 28, 879-882.	30.7	72
23	A Fast Procedure for the Detection of Defects in Toll-like Receptor Signaling. <i>Pediatrics</i> , 2006, 118, 2498-2503.	2.1	71
24	Variants at the promoter of the interleukin-6 gene are associated with severity and outcome of pneumococcal community-acquired pneumonia. <i>Intensive Care Medicine</i> , 2012, 38, 256-262.	8.2	61
25	Recessive inborn errors of type I IFN immunity in children with COVID-19 pneumonia. <i>Journal of Experimental Medicine</i> , 2022, 219, .	8.5	59
26	Surfactant protein A genetic variants associate with severe respiratory insufficiency in pandemic influenza A virus infection. <i>Critical Care</i> , 2014, 18, R127.	5.8	58
27	Genetic variability in the severity and outcome of community-acquired pneumonia. <i>Respiratory Medicine</i> , 2010, 104, 440-447.	2.9	54
28	The Fc $\hat{3}$ receptor IIA-H/H131 genotype is associated with bacteremia in pneumococcal community-acquired pneumonia*. <i>Critical Care Medicine</i> , 2011, 39, 1388-1393.	0.9	52
29	Influence of genetic variability at the surfactant proteins A and D in community-acquired pneumonia: a prospective, observational, genetic study. <i>Critical Care</i> , 2011, 15, R57.	5.8	51
30	Autosomal recessive Interleukin-1 receptor-associated kinase 4 deficiency in fourth-degree relatives. <i>Journal of Pediatrics</i> , 2006, 148, 549-551.	1.8	48
31	Influence of mannose-binding lectin on HIV infection and tuberculosis in a Western-European population. <i>Molecular Immunology</i> , 2006, 43, 2143-2150.	2.2	47
32	Laboratory evaluation of the IFN- $\hat{3}$ circuit for the molecular diagnosis of Mendelian susceptibility to mycobacterial disease. <i>Critical Reviews in Clinical Laboratory Sciences</i> , 2018, 55, 184-204.	6.1	43
33	The role of mannose-binding lectin in pneumococcal infection. <i>European Respiratory Journal</i> , 2013, 41, 131-139.	6.7	42
34	A global effort to dissect the human genetic basis of resistance to SARS-CoV-2 infection. <i>Nature Immunology</i> , 2022, 23, 159-164.	14.5	41
35	Primary and Secondary Immunodeficiency Diseases in Oncohaematology: Warning Signs, Diagnosis, and Management. <i>Frontiers in Immunology</i> , 2019, 10, 586.	4.8	40
36	Sepsis-associated acute respiratory distress syndrome in individuals of European ancestry: a genome-wide association study. <i>Lancet Respiratory Medicine</i> , 2020, 8, 258-266.	10.7	38

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37	Low clinical penetrance of mannose-binding lectin-associated serine protease 2 deficiency. <i>Journal of Allergy and Clinical Immunology</i> , 2006, 118, 1383-1386.	2.9	35
38	Prediction of clinical toxicity in locally advanced head and neck cancer patients by radio-induced apoptosis in peripheral blood lymphocytes (PBLs). <i>Radiation Oncology</i> , 2010, 5, 4.	2.7	34
39	Incomplete penetrance for isolated congenital asplenia in humans with mutations in translated and untranslated <i>RPSA</i> exons. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E8007-E8016.	7.1	31
40	Radiation induced apoptosis and initial DNA damage are inversely related in locally advanced breast cancer patients. <i>Radiation Oncology</i> , 2010, 5, 85.	2.7	30
41	Primary immunodeficiency diseases in lung disease: warning signs, diagnosis and management. <i>Respiratory Research</i> , 2018, 19, 219.	3.6	30
42	Inherited GATA2 Deficiency Is Dominant by Haploinsufficiency and Displays Incomplete Clinical Penetrance. <i>Journal of Clinical Immunology</i> , 2021, 41, 639-657.	3.8	30
43	Combined low initial DNA damage and high radiation-induced apoptosis confers clinical resistance to long-term toxicity in breast cancer patients treated with high-dose radiotherapy. <i>Radiation Oncology</i> , 2011, 6, 60.	2.7	29
44	Lethal Influenza in Two Related Adults with Inherited GATA2 Deficiency. <i>Journal of Clinical Immunology</i> , 2018, 38, 513-526.	3.8	29
45	Prediction of normal tissue toxicity as part of the individualized treatment with radiotherapy in oncology patients. <i>Surgical Oncology</i> , 2012, 21, 201-206.	1.6	28
46	Diagnostic and therapeutic challenges in a child with complete Interferon Receptor 1 deficiency. <i>Pediatric Blood and Cancer</i> , 2015, 62, 2036-2039.	1.5	27
47	Oesophageal squamous cell carcinoma in a young adult with IL-12R β 1 deficiency. <i>Journal of Medical Genetics</i> , 2010, 47, 635-637.	3.2	25
48	Role of CD4 and CD8 T-lymphocytes, B-lymphocytes and Natural Killer cells in the prediction of radiation-induced late toxicity in cervical cancer patients. <i>International Journal of Radiation Biology</i> , 2011, 87, 424-431.	1.8	25
49	Altered Profile of Circulating Endothelial-Derived Microparticles in Ventilator-Induced Lung Injury*. <i>Critical Care Medicine</i> , 2015, 43, e551-e559.	0.9	25
50	Single-cell Atlas of common variable immunodeficiency shows germinal center-associated epigenetic dysregulation in B-cell responses. <i>Nature Communications</i> , 2022, 13, 1779.	12.8	25
51	Mannose binding lectin polymorphisms as a disease-modulating factor in women with systemic lupus erythematosus from Canary Islands, Spain. <i>Journal of Rheumatology</i> , 2003, 30, 740-6.	2.0	23
52	Successful Management of Chronic Multifocal Q Fever Osteomyelitis With Adjuvant Interferon-gamma Therapy. <i>Pediatric Infectious Disease Journal</i> , 2011, 30, 810-812.	2.0	21
53	Anti-Inflammatory Activity of a Novel Family of Aryl Ureas Compounds in an Endotoxin-Induced Airway Epithelial Cell Injury Model. <i>PLoS ONE</i> , 2012, 7, e48468.	2.5	21
54	Persistent Infection by a Mycobacterium tuberculosis Strain That Was Theorized To Have Advantageous Properties, as It Was Responsible for a Massive Outbreak. <i>Journal of Clinical Microbiology</i> , 2015, 53, 3423-3429.	3.9	21

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55	A novel gain-of-function STAT1 mutation resulting in basal phosphorylation of STAT1 and increased distal IFN- γ -mediated responses in chronic mucocutaneous candidiasis. <i>Molecular Immunology</i> , 2015, 68, 597-605.	2.2	21
56	From Your Nose to Your Toes: A Review of Severe Acute Respiratory Syndrome Coronavirus 2 Pandemic-Associated Pernio. <i>Journal of Investigative Dermatology</i> , 2021, 141, 2791-2796.	0.7	21
57	Respiratory viral infections in otherwise healthy humans with inherited IRF7 deficiency. <i>Journal of Experimental Medicine</i> , 2022, 219, .	8.5	21
58	Single nucleotide polymorphisms in DNA repair genes as risk factors associated to prostate cancer progression. <i>BMC Medical Genetics</i> , 2014, 15, 143.	2.1	20
59	Should MASP-2 Deficiency Be Considered a Primary Immunodeficiency? Relevance of the Lectin Pathway. <i>Journal of Clinical Immunology</i> , 2020, 40, 203-210.	3.8	19
60	Gain-of-function mutation in PIK3R1 in a patient with a narrow clinical phenotype of respiratory infections. <i>Clinical Immunology</i> , 2016, 173, 117-120.	3.2	17
61	Clinical and Immunogenetic Factors Associated with Pneumonia in Patients with Systemic Lupus Erythematosus: A Case-Control Study. <i>Journal of Rheumatology</i> , 2014, 41, 1801-1807.	2.0	13
62	Simple Measurement of IgA Predicts Immunity and Mortality in Ataxia-Telangiectasia. <i>Journal of Clinical Immunology</i> , 2021, 41, 1878-1892.	3.8	9
63	Amifostine Modulates Radio-induced Apoptosis of Peripheral Blood Lymphocytes in Head and Neck Cancer Patients. <i>Journal of Radiation Research</i> , 2010, 51, 603-607.	1.6	8
64	Executive Summary of the Consensus Document on the Diagnosis and Management of Patients with Primary Immunodeficiencies. <i>Journal of Allergy and Clinical Immunology: in Practice</i> , 2020, 8, 3342-3347.	3.8	7
65	Common genomic signaling among initial DNA damage and radiation-induced apoptosis in peripheral blood lymphocytes from locally advanced breast cancer patients. <i>Breast</i> , 2013, 22, 28-33.	2.2	6
66	Genetic variations in genes involved in testosterone metabolism are associated with prostate cancer progression: A Spanish multicenter study. <i>Urologic Oncology: Seminars and Original Investigations</i> , 2015, 33, 331.e1-331.e7.	1.6	6
67	Intraethnic variation in steroid-5-alpha-reductase polymorphisms in prostate cancer patients: a potential factor implicated in 5-alpha-reductase inhibitor treatment. <i>Journal of Genetics</i> , 2015, 94, 335-341.	0.7	3
68	Other TLR Pathway Defects. , 2014, , 687-710.		1
69	Alpha-1 antitrypsin deficiency hidden in allegedly normal variants. <i>Journal of Asthma</i> , 2021, , 1-4.	1.7	1
70	Challenges in understanding host genetics and severity of community-acquired pneumonia. <i>ERJ Open Research</i> , 2021, 7, 00745-2020.	2.6	1
71	Mannose-Binding Lectin-Associated Serine Protease-2 (MASP-2) Deficiency. , 2016, , 1-6.		0
72	Executive Summary of the Consensus Document on the Diagnosis and Management of Patients with Primary Immunodeficiencies. <i>Enfermedades Infecciosas Y Microbiología Clínica</i> , 2020, 38, 438-443.	0.5	0

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73	Functional Testing of the IL-12/IFN- γ Circuit. , 2021, , .		0
74	Defects in Intrinsic and Innate Immunity. Rare Diseases of the Immune System, 2021, , 177-212.	0.1	0
75	Mannose-Binding Lectin-Associated Serine Protease-2 (MASP-2) Deficiency. , 2020, , 474-479.		0