Ruben Martinez-Barricarte

List of Publications by Year
in descending order

46	4,215	186265 28	243625 44
papers	citations	h-index	g-index

51	51	51	6374
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Impairment of immunity to Candida and Mycobacterium in humans with bi-allelic RORC mutations. Science, 2015, 349, 606-613.	12.6	366
2	Identification of a mutation in complement factor H-related protein 5 in patients of Cypriot origin with glomerulonephritis. Lancet, The, 2010, 376, 794-801.	13.7	298
3	Human TYK2 deficiency: Mycobacterial and viral infections without hyper-IgE syndrome. Journal of Experimental Medicine, 2015, 212, 1641-1662.	8.5	293
4	Spontaneous hemolytic uremic syndrome triggered by complement factor H lacking surface recognition domains. Journal of Experimental Medicine, 2007, 204, 1249-1256.	8.5	267
5	The mutation significance cutoff: gene-level thresholds for variant predictions. Nature Methods, 2016, 13, 109-110.	19.0	249
6	The human gene damage index as a gene-level approach to prioritizing exome variants. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 13615-13620.	7.1	213
7	Common polymorphisms in C3, factor B, and factor H collaborate to determine systemic complement activity and disease risk. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 8761-8766.	7.1	198
8	Human C3 mutation reveals a mechanism of dense deposit disease pathogenesis and provides insights into complement activation and regulation. Journal of Clinical Investigation, 2010, 120, 3702-3712.	8.2	195
9	Characterization of complement factor Hâ€“related (CFHR) proteins in plasma reveals novel genetic variations of CFHR1 associated with atypical hemolytic uremic syndrome. Blood, 2009, 114, 4261-4271.	1.4	190
10	C3 glomerulopathyâ€“associated CFHR1 mutation alters FHR oligomerization and complement regulation. Journal of Clinical Investigation, 2013, 123, 2434-2446.	8.2	176
11	Mendelian susceptibility to mycobacterial disease: 2014â€“2018 update. Immunology and Cell Biology, 2019, 97, 360-367.	2.3	163
12	Human IFN-Î³ immunity to mycobacteria is governed by both IL-12 and IL-23. Science Immunology, 2018, 3, .	11.9	152
13	Tuberculosis and impaired IL-23â€“dependent IFN-Î³ immunity in humans homozygous for a common TYK2 missense variant. Science Immunology, 2018, 3, .	11.9	148
14	The disease-protective complement factor H allotypic variant Ile62 shows increased binding affinity for C3b and enhanced cofactor activity. Human Molecular Genetics, 2009, 18, 3452-3461.	2.9	127
15	Inherited BCL10 deficiency impairs hematopoietic and nonhematopoietic immunity. Journal of Clinical Investigation, 2014, 124, 5239-5248.	8.2	97
16	Disruption of an antimycobacterial circuit between dendritic and helper T cells in human SPPL2a deficiency. Nature Immunology, 2018, 19, 973-985.	14.5	96
17	Inherited human IFN-Î³ deficiency underlies mycobacterial disease. Journal of Clinical Investigation, 2020, 130, 3158-3171.	8.2	89
18	Complement Factor H Is Expressed in Adipose Tissue in Association With Insulin Resistance. Diabetes, 2010, 59, 200-209.	0.6	88

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19	The Complement Factor H R1210C Mutation Is Associated With Atypical Hemolytic Uremic Syndrome. Journal of the American Society of Nephrology: JASN, 2008, 19, 639-646.	6.1	81
20	Unique and shared signaling pathways cooperate to regulate the differentiation of human CD4+ T cells into distinct effector subsets. Journal of Experimental Medicine, 2016, 213, 1589-1608.	8.5	77
21	Genetic errors of the human caspase recruitment domainâ€“B-cell lymphoma 10â€“mucosa-associated lymphoid tissue lymphoma-translocation gene 1 (CBM) complex: Molecular, immunologic, and clinical heterogeneity. Journal of Allergy and Clinical Immunology, 2015, 136, 1139-1149.	2.9	65
22	Unique structure of iC3b resolved at a resolution of 24 Ã... by 3D-electron microscopy. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 13236-13240.	7.1	49
23	The molecular and structural bases for the association of complement C3 mutations with atypical hemolytic uremic syndrome. Molecular Immunology, 2015, 66, 263-273.	2.2	47
24	Laboratory evaluation of the IFN-Î³ circuit for the molecular diagnosis of Mendelian susceptibility to mycobacterial disease. Critical Reviews in Clinical Laboratory Sciences, 2018, 55, 184-204.	6.1	43
25	IRF4 haploinsufficiency in a family with Whippleâ€™s disease. ELife, 2018, 7, .	6.0	43
26	Relevance of Complement Factor Hâ€“Related 1 (CFHR1) Genotypes in Age-Related Macular Degeneration. , 2012, 53, 1087.		40
27	Epidermal growth factor receptor (EGFR) polymorphisms and survival in head and neck cancer patients. Oral Oncology, 2007, 43, 713-719.	1.5	38
28	Isolated Nocardiosis, an Unrecognized Primary Immunodeficiency?. Frontiers in Immunology, 2020, 11, 590239.	4.8	36
29	Partial IFN-Î³R2 deficiency is due to protein misfolding and can be rescued by inhibitors of glycosylation. Blood, 2013, 122, 2390-2401.	1.4	34
30	Inherited GATA2 Deficiency Is Dominant by Haploinsufficiency and Displays Incomplete Clinical Penetrance. Journal of Clinical Immunology, 2021, 41, 639-657.	3.8	30
31	Paracoccidioidomycosis Associated With a Heterozygous STAT4 Mutation and Impaired IFN-Î³ Immunity. Journal of Infectious Diseases, 2017, 216, 1623-1634.	4.0	25
32	Inherited human c-Rel deficiency disrupts myeloid and lymphoid immunity to multiple infectious agents. Journal of Clinical Investigation, 2021, 131, .	8.2	21
33	Mycobacterium simiae Infection in Two Unrelated Patients with Different Forms of Inherited IFN-Î³R2 Deficiency. Journal of Clinical Immunology, 2014, 34, 904-909.	3.8	20
34	The crystal structure of iC3b-CR3 Î±I reveals a modular recognition of the main opsonin iC3b by the CR3 integrin receptor. Nature Communications, 2022, 13, 1955.	12.8	18
35	Chronic Granulomatous Disease in Morocco: Genetic, Immunological, and Clinical Features of 12 Patients from 10 Kindreds. Journal of Clinical Immunology, 2014, 34, 452-8.	3.8	17
36	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

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37	Transduction of Herpesvirus saimiriâ€Transformed T Cells with Exogenous Genes of Interest. Current Protocols in Immunology, 2016, 115, 7.21C.1-7.21C.12.	3.6	17
38	Human BCL10 Deficiency due to Homozygosity for a Rare Allele. Journal of Clinical Immunology, 2020, 40, 388-398.	3.8	17
39	A purely quantitative form of partial recessive IFN-Î³R2 deficiency caused by mutations of the initiation or second codon. Human Molecular Genetics, 2018, 27, 3919-3935.	2.9	14
40	Lack of association between polymorphisms in C4b-binding protein and atypical haemolytic uraemic syndrome in the Spanish population. Clinical and Experimental Immunology, 2009, 155, 59-64.	2.6	13
41	Clinical and Immunological Features of Human BCL10 Deficiency. Frontiers in Immunology, 2021, 12, 786572.	4.8	13
42	Interferon-gamma-dependent Immunity in Bacillus Calmette-GuÃ©rin Vaccine Osteitis Survivors. Pediatric Infectious Disease Journal, 2016, 35, 690-694.	2.0	10
43	Actin polymerisation after FCÎ³R stimulation of human fibroblasts is BCL10 independent. Clinical Immunology, 2016, 163, 120-122.	3.2	4
44	Double-strand break repair through homologous recombination in autosomal-recessive BCL10 deficiency. Journal of Allergy and Clinical Immunology, 2019, 143, 1931-1934.e1.	2.9	2
45	Defects in Intrinsic and Innate Immunity. Rare Diseases of the Immune System, 2021, , 177-212.	0.1	0
46	Measurement of CD74 N-terminal Fragment Accumulation in Cells Treated with SPPL2a Inhibitor. Bio-protocol, 2019, 9, e3254.	0.4	0