Raphael Carapito

List of Publications by Year
in descending order

71 papers	2,024 citations	279487 23 h-index	288905 40 g-index
81 all docs	81 docs citations	81 times ranked	3959 citing authors

#	Article	IF	Citations
1	Identification of driver genes for critical forms of COVID-19 in a deeply phenotyped young patient cohort. Science Translational Medicine, 2022, 14, eabj7521.	5.8	71
2	A Homozygous Missense Variant in <scp>PPP1R1B/DARPPâ€32</scp> Is Associated With Generalized Complex Dystonia. Movement Disorders, 2022, 37, 365-374.	2.2	7
3	The MHC class I MICA gene is a histocompatibility antigen in kidney transplantation. Nature Medicine, 2022, 28, 989-998.	15.2	20
4	A gain-of-function variant in the Wiskott-Aldrich syndrome gene is associated with a MYH9-related disease-like syndrome. Blood Advances, 2022, 6, 5279-5284.	2.5	2
5	Fc receptors and the diversity of antibody responses to HIV infection and vaccination. Genes and Immunity, 2022, 23, 149-156.	2.2	1
6	selectBoost: a general algorithm to enhance the performance of variable selection methods. Bioinformatics, 2021, 37, 659-668.	1.8	1
7	Structural and Functional Impact of SRP54 Mutations Causing Severe Congenital Neutropenia. Structure, 2021, 29, 15-28.e7.	1.6	12
8	SRP54mutations induce congenital neutropenia via dominant-negative effects onXBP1splicing. Blood, 2021, 137, 1340-1352.	0.6	15
9	Atypical focal segmental glomerulosclerosis associated with a new PODXL nonsense variant. Molecular Genetics & Genomic Medicine, 2021, 9, e1658.	0.6	2
10	Temporal multiomic modeling reveals a B-cell receptor proliferative program in chronic lymphocytic leukemia. Leukemia, 2021, 35, 1463-1474.	3.3	6
11	Tenascinâ€C immobilizes infiltrating T lymphocytes through CXCL12 promoting breast cancer progression. EMBO Molecular Medicine, 2021, 13, e13270.	3.3	27
12	Impairing flow-mediated endothelial remodeling reduces extravasation of tumor cells. Scientific Reports, 2021, 11, 13144.	1.6	12
13	Impact of Tenascin-C on Radiotherapy in a Novel Syngeneic Oral Squamous Cell Carcinoma Model With Spontaneous Dissemination to the Lymph Nodes. Frontiers in Immunology, 2021, 12, 636108.	2.2	6
14	Ral GTPases promote breast cancer metastasis by controlling biogenesis and organ targeting of exosomes. ELife, 2021, 10, .	2.8	70
15	Contrasting role of NLRP12 in autoinflammation: evidence from a case report and mouse models. RMD Open, 2021, 7, e001824.	1.8	5
16	A de novo synonymous variant in EFTUD2 disrupts normal splicing and causes mandibulofacial dysostosis with microcephaly: case report. BMC Medical Genetics, 2020, 21, 182.	2.1	8
17	Tenascin-C Orchestrates an Immune-Suppressive Tumor Microenvironment in Oral Squamous Cell Carcinoma. Cancer Immunology Research, 2020, 8, 1122-1138.	1.6	40
18	A FcÉ£RIIa polymorphism has a HLA-B57 and HLA-B27 independent effect on HIV disease outcome. Genes and Immunity, 2020, 21, 263-268.	2.2	5

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19	Progressive multifocal leukoencephalopathy and sarcoidosis under interleukin 7. Neurology: Neuroimmunology and NeuroInflammation, 2020, 7, e862.	3.1	6
20	NCKAP1L defects lead to a novel syndrome combining immunodeficiency, lymphoproliferation, and hyperinflammation. Journal of Experimental Medicine, 2020, 217, .	4.2	48
21	Improvement of therapy-induced myelodysplastic syndrome by infusion of autologous CD34-positive hematopoietic progenitor cells without chemotherapy. Leukemia and Lymphoma, 2020, 61, 3259-3262.	0.6	1
22	Two Cases of Recessive Intellectual Disability Caused by NDST1 and METTL23 Variants. Genes, 2020, 11, 1021.	1.0	9
23	Protocol for TRAUMADORNASE: a prospective, randomized, multicentre, double-blinded, placebo-controlled clinical trial of aerosolized dornase alfa to reduce the incidence of moderate-to-severe hypoxaemia in ventilated trauma patients. Trials, 2020, 21, 274.	0.7	12
24	Matrix-Targeting Immunotherapy Controls Tumor Growth and Spread by Switching Macrophage Phenotype. Cancer Immunology Research, 2020, 8, 368-382.	1.6	42
25	High-Throughput MICA/B Genotyping of Over Two Million Samples: Workflow and Allele Frequencies. Frontiers in Immunology, 2020, 11, 314.	2.2	28
26	A mouse model of MSU-induced acute inflammation in vivo suggests imiquimod-dependent targeting of Il-1Î² as relevant therapy for gout patients. Theranostics, 2020, 10, 2158-2171.	4.6	28
27	Compatibility at amino acid position 98 of MICB reduces the incidence of graft-versus-host disease in conjunction with the CMV status. Bone Marrow Transplantation, 2020, 55, 1367-1378.	1.3	9
28	Multi-omics dataset to decipher the complexity of drug resistance in diffuse large B-cell lymphoma. Scientific Reports, 2019, 9, 895.	1.6	38
29	IKZF1 Loss-of-Function Variant Causes Autoimmunity and Severe Familial Antiphospholipid Syndrome. Journal of Clinical Immunology, 2019, 39, 353-357.	2.0	15
30	Exome sequencing identifies a novel missense variant in CTSC causing nonsyndromic aggressive periodontitis. Journal of Human Genetics, 2019, 64, 689-694.	1.1	8
31	HLA*LAâ€"HLA typing from linearly projected graph alignments. Bioinformatics, 2019, 35, 4394-4396.	1.8	88
32	Update on Fc-Mediated Antibody Functions Against HIV-1 Beyond Neutralization. Frontiers in Immunology, 2019, 10, 2968.	2.2	44
33	ZMIZ1 Variants Cause a Syndromic Neurodevelopmental Disorder. American Journal of Human Genetics, 2019, 104, 319-330.	2.6	30
34	Comprehensive characterization of pseudomyxoma peritonei.. Journal of Clinical Oncology, 2019, 37, e15701-e15701.	0.8	1
35	A Core Proliferative Program Induced By B-Cell Receptor Stimulation in Chronic Lymphocytic Leukemia Cells. Blood, 2019, 134, 3777-3777.	0.6	0
36	Mutation-Specific Dominant Negative Effects Determine the Phenotype in SRP54 Deficiency. Blood, 2019, 134, 437-437.	0.6	0

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37	Hemodynamic Forces Tune the Arrest, Adhesion, and Extravasation of Circulating Tumor Cells. Developmental Cell, 2018, 45, 33-52.e12.	3.1	219
38	An unusually high substitution rate in transplant-associated BK polyomavirus in vivo is further concentrated in HLA-C-bound viral peptides. PLoS Pathogens, 2018, 14, e1007368.	2.1	22
39	Multi-OMICS analyses unveil STAT1 as a potential modifier gene in mevalonate kinase deficiency. Annals of the Rheumatic Diseases, 2018, 77, 1675-1687.	0.5	19
40	Mutation-Specific Dose Reduction in Functional SRP54 Protein Causes Isolated or Syndromic Neutropenia with Shwachman-Diamond-like Features. Blood, 2018, 132, 1300-1300.	0.6	1
41	MicroRNA-146a governs fibroblast activation and joint pathology in arthritis. Journal of Autoimmunity, 2017, 82, 74-84.	3.0	43
42	A new MHC-linked susceptibility locus for primary SjÃ¶grenâ€™s syndrome: MICA. Human Molecular Genetics, 2017, 26, 2565-2576.	1.4	22
43	A novel zebrafish model of congenital neutropenia. Experimental Hematology, 2017, 53, S88.	0.2	0
44	Natural Killer Group 2, Member D/NKG2D Ligands in Hematopoietic Cell Transplantation. Frontiers in Immunology, 2017, 8, 368.	2.2	21
45	Mutations in signal recognition particle SRP54 cause syndromic neutropenia with Shwachman-Diamondâ€“like features. Journal of Clinical Investigation, 2017, 127, 4090-4103.	3.9	126
46	Protein-altering MYH3 variants are associated with a spectrum of phenotypes extending to spondylocarpotarsal synostosis syndrome. European Journal of Human Genetics, 2016, 24, 1746-1751.	1.4	21
47	Next-Generation Sequencing of the HLA locus: Methods and impacts on HLA typing, population genetics and disease association studies. Human Immunology, 2016, 77, 1016-1023.	1.2	66
48	The TRANSPLANTEX initiative. Human Immunology, 2016, 77, 1005-1007.	1.2	1
49	Matching for the nonconventional MHC-I MICA gene significantly reduces the incidence of acute and chronic GVHD. Blood, 2016, 128, 1979-1986.	0.6	66
50	Homozygosity for the V377I mutation in mevalonate kinase causes distinct clinical phenotypes in two sibs with hyperimmunoglobulinaemia D and periodic fever syndrome (HIDS). RMD Open, 2016, 2, e000196.	1.8	20
51	Germline variation of TNFAIP3 in primary SjÃ¶gren's syndrome-associated lymphoma. Annals of the Rheumatic Diseases, 2016, 75, 780-783.	0.5	40
52	Genetics, genomics, and evolutionary biology of <scp>NKG</scp>2D ligands. Immunological Reviews, 2015, 267, 88-116.	2.8	99
53	A de novo ADCY5 mutation causes earlyâ€onset autosomal dominant chorea and dystonia. Movement Disorders, 2015, 30, 423-427.	2.2	131
54	Eosinophilic myositis as first manifestation in a patient with type 2 myotonic dystrophy CCTG expansion mutation and rheumatoid arthritis. Neuromuscular Disorders, 2015, 25, 149-152.	0.3	11

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55	On the genetics of the Silk Route: association analysis of HLA, IL10, and IL23R-IL12RB2 regions with BehÃ§etâ€™s disease in an Iranian population. Immunogenetics, 2015, 67, 289-293.	1.2	21
56	Polymorphisms in EGFR and IL28B are associated with spontaneous clearance in an HCV-infected iranian population. Genes and Immunity, 2015, 16, 514-518.	2.2	8
57	HomozygousIL36RNmutation andNSD1duplication in a patient with severe pustular psoriasis and symptoms unrelated to deficiency of interleukin-36 receptor antagonist. British Journal of Dermatology, 2015, 172, 302-305.	1.4	10
58	A new mutation in the C-SH2 domain of PTPN11 causes Noonan syndrome with multiple giant cell lesions. Journal of Human Genetics, 2014, 59, 57-59.	1.1	13
59	High diversity of MIC genes in non-human primates. Immunogenetics, 2014, 66, 581-587.	1.2	13
60	Matching of MHC Class I Chain-Related Genes a and B Is Associated with Reduced Incidence of Severe Acute Graft-Versus-Host Disease after Unrelated Hematopoietic Stem Cell Transplantation. Blood, 2014, 124, 664-664.	0.6	3
61	Genome-wide transcriptional responses ofFusarium graminearumto plant cell wall substrates. FEMS Microbiology Letters, 2013, 340, 129-134.	0.7	15
62	Î±-l-Arabinofuranosylated pyrrolidines as arabinanase inhibitors. Chemical Communications, 2011, 47, 9684.	2.2	6
63	TACKLING HUMULUS LUPULUS FUNGAL DISEASES BY STUDYING A HOP CELL WALL / FUSARIUM GRAMINEARUM MODEL. Acta Horticulturae, 2009, , 103-114.	0.1	0
64	Efficient hydrolysis of hemicellulose by a Fusarium graminearum xylanase blend produced at high levels in Escherichia coli. Bioresource Technology, 2009, 100, 845-850.	4.8	27
65	Molecular Basis of Arabinobio-hydrolase Activity in Phytopathogenic Fungi. Journal of Biological Chemistry, 2009, 284, 12285-12296.	1.6	42
66	Plant Cell Wall Degradation with a Powerful Fusarium graminearum Enzymatic Arsenal. Journal of Microbiology and Biotechnology, 2009, 19, 573-81.	0.9	15
67	Gene expression in Fusarium graminearum grown on plant cell wall. Fungal Genetics and Biology, 2008, 45, 738-748.	0.9	39
68	Common Alterations in PBP1a from Resistant Streptococcus pneumoniae Decrease Its Reactivity toward Î²-Lactams. Journal of Biological Chemistry, 2008, 283, 4886-4894.	1.6	44
69	Automated high-throughput process for site-directed mutagenesis, production, purification, and kinetic characterization of enzymes. Analytical Biochemistry, 2006, 355, 110-116.	1.1	11
70	Pneumococcal Î²-Lactam Resistance Due to a Conformational Change in Penicillin-binding Protein 2x. Journal of Biological Chemistry, 2006, 281, 1771-1777.	1.6	55
71	Identical Penicillin-Binding Domains in Penicillin-Binding Proteins of Streptococcus pneumoniae Clinical Isolates with Different Levels of Î²-Lactam Resistance. Antimicrobial Agents and Chemotherapy, 2005, 49, 2895-2902.	1.4	44