

Guy Gorochov

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

116 papers	9,721 citations	40 h-index	98 g-index
142 ext. papers	12,709 ext. citations	11.2 avg, IF	5.55 L-index

#	Paper	IF	Citations
116	Pre-COVID-19 Immunity to Common Cold Human Coronaviruses Induces a Recall-Type IgG Response to SARS-CoV-2 Antigens Without Cross-Neutralisation.. <i>Frontiers in Immunology</i> , 2022 , 13, 790334	8.4	1
115	The polarity and specificity of antiviral T lymphocyte responses determine susceptibility to SARS-CoV-2 infection in cancer patients and healthy individuals.. <i>Cancer Discovery</i> , 2022 ,	24.4	2
114	Memory CD4+ T-Cell Lymphocytic Angiopathy in Fatal Forms of COVID-19 Pulmonary Infection.. <i>Frontiers in Immunology</i> , 2022 , 13, 844727	8.4	1
113	A comparison of Sars-Cov-2 vaccine platforms: the CoviCompare project.. <i>Nature Medicine</i> , 2022 , 28, 882-884	58.5	1
112	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	11.5	3
111	BNT162b2 vaccine-induced humoral and cellular responses against SARS-CoV-2 variants in systemic lupus erythematosus. <i>Annals of the Rheumatic Diseases</i> , 2021 ,	2.4	12
110	Monoclonal antibody-mediated neutralization of SARS-CoV-2 in an IRF9-deficient child. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021 , 118,	11.5	3
109	Considering Personalized Interferon Beta Therapy for COVID-19. <i>Antimicrobial Agents and Chemotherapy</i> , 2021 , 65,	5.9	4
108	Perturbed Microbiota/Immune Homeostasis in Multiple Sclerosis. <i>Neurology: Neuroimmunology and NeuroInflammation</i> , 2021 , 8,	9.1	7
107	Longitudinal Cytokine Profiling in Patients with Severe COVID-19 on Extracorporeal Membrane Oxygenation and Hemoadsorption. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2021 , 203, 1433-1435	10.2	10
106	High Th2 cytokine levels and upper airway inflammation in human inherited T-bet deficiency. <i>Journal of Experimental Medicine</i> , 2021 , 218,	16.6	7
105	Distinct cytokine profiles associated with COVID-19 severity and mortality. <i>Journal of Allergy and Clinical Immunology</i> , 2021 , 147, 2098-2107	11.5	18
104	Tocilizumab in COVID-19 therapy: who benefits, and how?. <i>Lancet, The</i> , 2021 , 398, 299-300	40	2
103	Prolonged SARS-CoV-2 RNA virus shedding and lymphopenia are hallmarks of COVID-19 in cancer patients with poor prognosis. <i>Cell Death and Differentiation</i> , 2021 , 28, 3297-3315	12.7	7
102	IgA dominates the early neutralizing antibody response to SARS-CoV-2. <i>Science Translational Medicine</i> , 2021 , 13,	17.5	405
101	When Therapeutic IgA Antibodies Might Come of Age. <i>Pharmacology</i> , 2021 , 106, 9-19	2.3	11
100	Plasma Exchange to Rescue Patients with Autoantibodies Against Type I Interferons and Life-Threatening COVID-19 Pneumonia. <i>Journal of Clinical Immunology</i> , 2021 , 41, 536-544	5.7	31

99	Rapid decline of neutralizing antibodies against SARS-CoV-2 among infected healthcare workers. <i>Nature Communications</i> , 2021 , 12, 844	17.4	81
98	Impaired respiratory burst contributes to infections in PKC δ -deficient patients. <i>Journal of Experimental Medicine</i> , 2021 , 218,	16.6	3
97	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,	28	91
96	Elevated Neopterin Levels Predict Fatal Outcome in SARS-CoV-2-Infected Patients. <i>Frontiers in Cellular and Infection Microbiology</i> , 2021 , 11, 709893	5.9	2
95	Regulatory T cells in solid organ transplantation. <i>Clinical and Translational Immunology</i> , 2020 , 9, e01099	6.8	27
94	Withdrawal of low-dose prednisone in SLE patients with a clinically quiescent disease for more than 1 year: a randomised clinical trial. <i>Annals of the Rheumatic Diseases</i> , 2020 , 79, 339-346	2.4	41
93	Metabolic Optimisation of Regulatory T Cells in Transplantation. <i>Frontiers in Immunology</i> , 2020 , 11, 20058.4	5.4	6
92	Les Immunoglobulines A dominant la r�ponse anticorps neutralisante pr�coce anti-SARS-CoV-2. <i>Revue De Medecine Interne</i> , 2020 , 41, A63-A64	0.1	
91	Systemic anti-commensal response to fungi analyzed by flow cytometry is related to gut mycobiome ecology. <i>Microbiome</i> , 2020 , 8, 159	16.6	4
90	Human IgA binds a diverse array of commensal bacteria. <i>Journal of Experimental Medicine</i> , 2020 , 217,	16.6	30
89	Inborn errors of type I IFN immunity in patients with life-threatening COVID-19. <i>Science</i> , 2020 , 370,	33.3	994
88	Autoantibodies against type I IFNs in patients with life-threatening COVID-19. <i>Science</i> , 2020 , 370,	33.3	1090
87	The antibody/microbiota interface in health and disease. <i>Mucosal Immunology</i> , 2020 , 13, 3-11	9.2	24
86	Tissue Infiltrating LT α i-Like Group 3 Innate Lymphoid Cells and T Follicular Helper Cells in GravesP and HashimotoB Thyroiditis. <i>Frontiers in Immunology</i> , 2020 , 11, 601	8.4	3
85	Ultrasensitive serum interferon- γ quantification during SLE remission identifies patients at risk for relapse. <i>Annals of the Rheumatic Diseases</i> , 2019 , 78, 1669-1676	2.4	30
84	The role of FOXP3 regulatory T cells in human autoimmune and inflammatory diseases. <i>Clinical and Experimental Immunology</i> , 2019 , 197, 24-35	6.2	40
83	Reverse Immunology Approach to Define a New HIV-gp41-Neutralizing Epitope. <i>Journal of Immunology Research</i> , 2019 , 2019, 9804584	4.5	2
82	Synergistic convergence of microbiota-specific systemic IgG and secretory IgA. <i>Journal of Allergy and Clinical Immunology</i> , 2019 , 143, 1575-1585.e4	11.5	38

81	Immune/microbial interface perturbation in human IgA deficiency. <i>Gut Microbes</i> , 2019 , 10, 429-433	8.8	13
80	Monitoring Disease Activity in Systemic Lupus Erythematosus With Single-Molecule Array Digital Enzyme-Linked Immunosorbent Assay Quantification of Serum Interferon- γ <i>Arthritis and Rheumatology</i> , 2019 , 71, 756-765	9.5	28
79	Human FOXP3 T regulatory cell heterogeneity. <i>Clinical and Translational Immunology</i> , 2018 , 7, e1005	6.8	60
78	Microbial ecology perturbation in human IgA deficiency. <i>Science Translational Medicine</i> , 2018 , 10,	17.5	131
77	Assessment of an ultra-sensitive IFN- γ immunoassay prototype for latent tuberculosis diagnosis. <i>European Cytokine Network</i> , 2018 , 29, 136-145	3.3	
76	Functional evidence for derivation of systemic histiocytic neoplasms from hematopoietic stem/progenitor cells. <i>Blood</i> , 2017 , 130, 176-180	2.2	60
75	Immune Modifications in Fetal Membranes Overlying the Cervix Precede Parturition in Humans. <i>Journal of Immunology</i> , 2017 , 198, 1345-1356	5.3	24
74	Combination of IL-2, rapamycin, DNA methyltransferase and histone deacetylase inhibitors for the expansion of human regulatory T cells. <i>Oncotarget</i> , 2017 , 8, 104733-104744	3.3	17
73	Exclusion of Patients with a Severe T-Cell Defect Improves the Definition of Common Variable Immunodeficiency. <i>Journal of Allergy and Clinical Immunology: in Practice</i> , 2016 , 4, 1147-1157	5.4	27
72	HIV-specific Th2 and Th17 responses predict HIV vaccine protection efficacy. <i>Scientific Reports</i> , 2016 , 6, 28129	4.9	7
71	Host genetics affect microbial ecosystems via host immunity. <i>Current Opinion in Allergy and Clinical Immunology</i> , 2016 , 16, 413-20	3.3	5
70	Suppressive activity of human regulatory T cells is maintained in the presence of TNF. <i>Nature Medicine</i> , 2016 , 22, 16-7	50.5	71
69	Gene transfer of two entry inhibitors protects CD4+ T cell from HIV-1 infection in humanized mice. <i>Gene Therapy</i> , 2016 , 23, 144-50	4	11
68	Identification of the Single Immunodominant Region of the Native Human CC Chemokine Receptor 6 Recognized by Mouse Monoclonal Antibodies. <i>PLoS ONE</i> , 2016 , 11, e0157740	3.7	2
67	Generating Chemokine Analogs with Enhanced Pharmacological Properties Using Phage Display. <i>Methods in Enzymology</i> , 2016 , 570, 47-72	1.7	6
66	Analysis of bacterial-surface-specific antibodies in body fluids using bacterial flow cytometry. <i>Nature Protocols</i> , 2016 , 11, 1531-53	18.8	40
65	Comment on "Tracking donor-reactive T cells: Evidence for clonal deletion in tolerant kidney transplant patients". <i>Science Translational Medicine</i> , 2015 , 7, 297le1	17.5	2
64	Sialyl Lewis x (CD15s) identifies highly differentiated and most suppressive FOXP3 ^{high} regulatory T cells in humans. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015 , 112, 7225-30	11.5	112

63	Quality control of microbiota metagenomics by k-mer analysis. <i>BMC Genomics</i> , 2015 , 16, 183	4.5	12
62	Ultraviolet light converts propranolol, a nonselective β -blocker and potential lupus-inducing drug, into a proinflammatory AhR ligand. <i>European Journal of Immunology</i> , 2015 , 45, 3174-87	6.1	24
61	Regulatory T Cell Responses to High-Dose Methylprednisolone in Active Systemic Lupus Erythematosus. <i>PLoS ONE</i> , 2015 , 10, e0143689	3.7	25
60	Pathogen-Specific T Cell Polyfunctionality Is a Correlate of T Cell Efficacy and Immune Protection. <i>PLoS ONE</i> , 2015 , 10, e0128714	3.7	47
59	Pathogenesis of relapsing polychondritis: a 2013 update. <i>Autoimmunity Reviews</i> , 2014 , 13, 90-5	13.6	74
58	Targeting both viral and host determinants of human immunodeficiency virus entry, using a new lentiviral vector coexpressing the T20 fusion inhibitor and a selective CCL5 intrakine. <i>Human Gene Therapy Methods</i> , 2014 , 25, 232-40	4.9	6
57	High-sequence diversity and structural conservation in the human T-cell receptor β -junctional region during thymic development. <i>European Journal of Immunology</i> , 2013 , 43, 2185-93	6.1	6
56	Differential impact of age and cytomegalovirus infection on the T cell compartment. <i>Journal of Immunology</i> , 2013 , 191, 1300-6	5.3	46
55	Transcriptional blood signatures distinguish pulmonary tuberculosis, pulmonary sarcoidosis, pneumonias and lung cancers. <i>PLoS ONE</i> , 2013 , 8, e70630	3.7	196
54	Abnormal Numbers Of Regulatory T Cell (Tregs) Subsets Are Significantly Associated With Adverse Disease Outcome In Lower Risk Myelodysplastic Syndromes (MDS) and Chronic Myelomonocytic Leukemia (CMML). <i>Blood</i> , 2013 , 122, 2785-2785	2.2	
53	Severe meningo-radiculo-neuritis associated with ipilimumab. <i>Investigational New Drugs</i> , 2012 , 30, 2407-40	4.9	55
52	The Relapsing Polychondritis Disease Activity Index: development of a disease activity score for relapsing polychondritis. <i>Autoimmunity Reviews</i> , 2012 , 12, 204-9	13.6	49
51	Evaluating cellular polyfunctionality with a novel polyfunctionality index. <i>PLoS ONE</i> , 2012 , 7, e42403	3.7	61
50	Activated and resting regulatory T cell exhaustion concurs with high levels of interleukin-22 expression in systemic sclerosis lesions. <i>Annals of the Rheumatic Diseases</i> , 2012 , 71, 1227-34	2.4	75
49	Lymphopenia-driven homeostatic regulation of naive T cells in elderly and thymectomized young adults. <i>Journal of Immunology</i> , 2012 , 189, 5541-8	5.3	59
48	Effector CD4 ⁺ CD45RA ⁺ CD25 ⁺ brightFoxp3 ⁺ bright Regulatory T Cell (eTreg) Distribution Is Significantly Impaired in Chronic Myelomonocytic Leukemia (CMML) and Correlates with TET 2 Mutational Status.. <i>Blood</i> , 2012 , 120, 2808-2808	2.2	
47	HIV disease progression despite suppression of viral replication is associated with exhaustion of lymphopoiesis. <i>Blood</i> , 2011 , 117, 5142-51	2.2	113
46	Systemic perturbation of cytokine and chemokine networks in Erdheim-Chester disease: a single-center series of 37 patients. <i>Blood</i> , 2011 , 117, 2783-90	2.2	113

45	Human FoxP3+ regulatory T cells in systemic autoimmune diseases. <i>Autoimmunity Reviews</i> , 2011 , 10, 744-55	13.6	242
44	Pathogenesis of Takayasu's arteritis: a 2011 update. <i>Autoimmunity Reviews</i> , 2011 , 11, 61-7	13.6	172
43	Multiparameter grouping delineates heterogeneous populations of human IL-17 and/or IL-22 T-cell producers that share antigen specificities with other T-cell subsets. <i>European Journal of Immunology</i> , 2011 , 41, 2596-605	6.1	16
42	Cluster analysis of arterial involvement in Takayasu arteritis reveals symmetric extension of the lesions in paired arterial beds. <i>Arthritis and Rheumatism</i> , 2011 , 63, 1136-40		29
41	Antagonistic T-cell subsets in skin diseases. <i>New England Journal of Medicine</i> , 2011 , 365, 1450-1; author reply 1451-2	59.2	2
40	Prognostic value of cerebrospinal fluid analysis at the time of a first demyelinating event. <i>Multiple Sclerosis Journal</i> , 2011 , 17, 164-72	5	13
39	Exhausted cytotoxic control of Epstein-Barr virus in human lupus. <i>PLoS Pathogens</i> , 2011 , 7, e1002328	7.6	83
38	Cytokine profiles in sepsis have limited relevance for stratifying patients in the emergency department: a prospective observational study. <i>PLoS ONE</i> , 2011 , 6, e28870	3.7	39
37	Remission of severe CD8(+) cytotoxic T cell skin infiltrative disease in human immunodeficiency virus-infected patients receiving highly active antiretroviral therapy. <i>Clinical Infectious Diseases</i> , 2010 , 51, 741-8	11.6	12
36	Intracerebral administration of CpG oligonucleotide for patients with recurrent glioblastoma: a phase II study. <i>Neuro-Oncology</i> , 2010 , 12, 401-8	1	147
35	An engineered CX3CR1 antagonist endowed with anti-inflammatory activity. <i>Journal of Leukocyte Biology</i> , 2009 , 86, 903-11	6.5	59
34	Human lupus, fewer Treg cells indeed: comment on the article by Venigalla et al. <i>Arthritis and Rheumatism</i> , 2009 , 60, 630		4
33	Functional delineation and differentiation dynamics of human CD4+ T cells expressing the FoxP3 transcription factor. <i>Immunity</i> , 2009 , 30, 899-911	32.3	1576
32	FoxP3+ regulatory T cells suppress early stages of granuloma formation but have little impact on sarcoidosis lesions. <i>American Journal of Pathology</i> , 2009 , 174, 497-508	5.8	91
31	Engineered CCR5 superagonist chemokine as adjuvant in anti-tumor DNA vaccination. <i>Vaccine</i> , 2008 , 26, 3252-60	4.1	14
30	Highly potent, fully recombinant anti-HIV chemokines: reengineering a low-cost microbicide. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008 , 105, 17706-11	11.5	117
29	Prominent plasmacytosis following intravenous immunoglobulin correlates with clinical improvement in Guillain-Barré syndrome. <i>PLoS ONE</i> , 2008 , 3, e2109	3.7	14
28	The immune paradox of sarcoidosis and regulatory T cells. <i>Journal of Experimental Medicine</i> , 2006 , 203, 359-70	16.6	317

27	Immunogenicity of HIV type 1 gp120 CD4 binding site phage mimotopes. <i>AIDS Research and Human Retroviruses</i> , 2005 , 21, 82-92	1.6	28
26	Global natural regulatory T cell depletion in active systemic lupus erythematosus. <i>Journal of Immunology</i> , 2005 , 175, 8392-400	5.3	368
25	Foxp3 expressing CD4+CD25(high) regulatory T cells are overrepresented in human metastatic melanoma lymph nodes and inhibit the function of infiltrating T cells. <i>Journal of Immunology</i> , 2004 , 173, 1444-53	5.3	579
24	Phage-displayed libraries of peptide/major histocompatibility complexes. <i>European Journal of Immunology</i> , 2004 , 34, 598-607	6.1	8
23	Properties of a disease-specific prion probe. <i>Nature Medicine</i> , 2004 , 10, 11; author reply 11-2	50.5	1
22	Characterization of vitreous B-cell infiltrates in patients with primary ocular lymphoma, using CDR3 size polymorphism analysis of antibody transcripts. <i>Investigative Ophthalmology and Visual Science</i> , 2003 , 44, 5235-41		26
21	Roles of CCR2 and CXCR3 in the T cell-mediated response occurring during lupus flares. <i>Arthritis and Rheumatism</i> , 2003 , 48, 3487-96		38
20	Effect of tyrosine kinase inhibitor STI571 on the kinase activity of wild-type and various mutated c-kit receptors found in mast cell neoplasms. <i>Oncogene</i> , 2003 , 22, 660-4	9.2	159
19	Human immunodeficiency virus type 1 entry inhibitors selected on living cells from a library of phage chemokines. <i>Journal of Virology</i> , 2003 , 77, 6637-44	6.6	45
18	Down-regulation of CD8+ T-cell expansions in patients with human immunodeficiency virus infection receiving highly active combination therapy. <i>Blood</i> , 2001 , 97, 1787-95	2.2	18
17	Phage display of peptide/major histocompatibility complex. <i>Journal of Immunological Methods</i> , 2000 , 241, 147-58	2.5	16
16	Restoration of the immune system with anti-retroviral therapy. <i>Immunology Letters</i> , 1999 , 66, 207-11	4.1	104
15	Perturbation of CD4+ and CD8+ T-cell repertoires during progression to AIDS and regulation of the CD4+ repertoire during antiviral therapy. <i>Nature Medicine</i> , 1998 , 4, 215-21	50.5	377
14	Characterization of T cell-expressed chimeric receptors with antibody-type specificity for the CD4 binding site of HIV-1 gp120. <i>European Journal of Immunology</i> , 1998 , 28, 4177-87	6.1	23
13	Susceptibility of peripheral blood mononuclear cells to apoptosis is correlated to plasma HIV load. <i>Journal of Acquired Immune Deficiency Syndromes</i> , 1998 , 17, 419-23		13
12	Massive infiltration of the skin by HIV-specific cytotoxic CD8+ T cells. <i>New England Journal of Medicine</i> , 1996 , 335, 61-2	59.2	33
11	Expression of V beta gene segments by Sezary cells. <i>Journal of Investigative Dermatology</i> , 1995 , 105, 56-61	4.3	37
10	In-cell PCR from mRNA: amplifying and linking the rearranged immunoglobulin heavy and light chain V-genes within single cells. <i>Nucleic Acids Research</i> , 1992 , 20, 3831-7	20.1	129

9	Phenotype and function of peripheral blood and bone marrow T-cell colonies: identification of DC3-, 4-, 8-autoreactive T cells. <i>Human Immunology</i> , 1989 , 24, 111-24	2.3	
8	Identification of Autoreactive Human Bone Marrow and Peripheral Blood CD3 ⁺ CD4 ⁺ CD8 ⁺ Prothymocytes 1989 , 564-566		
7	Low incidence of daily active tobacco smoking in patients with symptomatic COVID-19. <i>Qeios</i> ,	0	10
6	Low incidence of daily active tobacco smoking in patients with symptomatic COVID-19. <i>Qeios</i> ,	0	27
5	Low rate of daily active tobacco smoking in patients with symptomatic COVID-19. <i>Qeios</i> ,	0	17
4	IgA dominates the early neutralizing antibody response to SARS-CoV-2		54
3	Low rate of daily smokers in patients with symptomatic COVID-19		7
2	Pre-COVID-19 humoral immunity to common coronaviruses does not confer cross-protection against SARS-CoV-2		8
1	LOX-1+ immature neutrophils predict severe COVID-19 patients at risk of thrombotic complications		5