Guy Gorochov

List of Publications by Year
in descending order

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119 papers	14,547 citations	47 h-index	114 g-index
		47006	21540
142 all docs	142 docs citations	142 times ranked	23670 citing authors

#	Article	IF	Citations
1	Vaccine breakthrough hypoxemic COVID-19 pneumonia in patients with auto-Abs neutralizing type I IFNs. Science Immunology, 2023, 8, .	11.9	35
2	BNT162b2 vaccine-induced humoral and cellular responses against SARS-CoV-2 variants in systemic lupus erythematosus. Annals of the Rheumatic Diseases, 2022, 81, 575-583.	0.9	61
3	Serum interferon-Î± levels and IFN type I-stimulated genes score perform equally to assess systemic lupus erythematosus disease activity. Annals of the Rheumatic Diseases, 2022, 81, 901-903.	0.9	11
4	Pre-COVID-19 Immunity to Common Cold Human Coronaviruses Induces a Recall-Type IgG Response to SARS-CoV-2 Antigens Without Cross-Neutralisation. Frontiers in Immunology, 2022, 13, 790334.	4.8	10
5	The Polarity and Specificity of Antiviral T Lymphocyte Responses Determine Susceptibility to SARS-CoV-2 Infection in Patients with Cancer and Healthy Individuals. Cancer Discovery, 2022, 12, 958-983.	9.4	10
6	Diversification of IgA Antibody Specificities by Mild Chemical Modification?. Pharmacology, 2022, , 1-2.	2.2	1
7	Memory CD4+ T-Cell Lymphocytic Angiopathy in Fatal Forms of COVID-19 Pulmonary Infection. Frontiers in Immunology, 2022, 13, 844727.	4.8	2
8	A comparison of Sars-Cov-2 vaccine platforms: the CoviCompare project. Nature Medicine, 2022, 28, 882-884.	30.7	7
9	The risk of COVID-19 death is much greater and age dependent with type I IFN autoantibodies. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, e2200413119.	7.1	110
10	Identification of bronchoalveolar and blood immune-inflammatory biomarker signature associated with poor 28-day outcome in critically ill COVID-19 patients. Scientific Reports, 2022, 12, .	3.3	12
11	Phenotypic Heterogeneity of Fulminant COVID-19–Related Myocarditis in Adults. Journal of the American College of Cardiology, 2022, 80, 299-312.	2.8	20
12	IgA dominates the early neutralizing antibody response to SARS-CoV-2. Science Translational Medicine, 2021, 13, .	12.4	840
13	When Therapeutic IgA Antibodies Might Come of Age. Pharmacology, 2021, 106, 9-19.	2.2	36
14	Plasma Exchange to Rescue Patients with Autoantibodies Against Type I Interferons and Life-Threatening COVID-19 Pneumonia. Journal of Clinical Immunology, 2021, 41, 536-544.	3.8	62
15	Rapid decline of neutralizing antibodies against SARS-CoV-2 among infected healthcare workers. Nature Communications, 2021, 12, 844.	12.8	146
16	Considering Personalized Interferon Beta Therapy for COVID-19. Antimicrobial Agents and Chemotherapy, 2021, 65, .	3.2	9
17	Perturbed Microbiota/Immune Homeostasis in Multiple Sclerosis. Neurology: Neuroimmunology and NeuroInflammation, 2021, 8, e997.	6.0	15
18	Longitudinal Cytokine Profiling in Patients with Severe COVID-19 on Extracorporeal Membrane Oxygenation and Hemoadsorption. American Journal of Respiratory and Critical Care Medicine, 2021, 203, 1433-1435.	5.6	23

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19	High Th2 cytokine levels and upper airway inflammation in human inherited T-bet deficiency. Journal of Experimental Medicine, 2021, 218, .	8.5	25
20	Distinct cytokine profiles associated with COVID-19 severity and mortality. Journal of Allergy and Clinical Immunology, 2021, 147, 2098-2107.	2.9	47
21	Tocilizumab in COVID-19 therapy: who benefits, and how?. Lancet, The, 2021, 398, 299-300.	13.7	6
22	Prolonged SARS-CoV-2 RNA virus shedding and lymphopenia are hallmarks of COVID-19 in cancer patients with poor prognosis. Cell Death and Differentiation, 2021, 28, 3297-3315.	11.2	31
23	Impaired respiratory burst contributes to infections in PKCÎ´-deficient patients. Journal of Experimental Medicine, 2021, 218, .	8.5	23
24	Autoantibodies neutralizing type I IFNs are present in ~4% of uninfected individuals over 70 years old and account for ~20% of COVID-19 deaths. Science Immunology, 2021, 6, .	11.9	357
25	Elevated Neopterin Levels Predict Fatal Outcome in SARS-CoV-2-Infected Patients. Frontiers in Cellular and Infection Microbiology, 2021, 11, 709893.	3.9	14
26	CD8+PD-L1+CXCR3+ polyfunctional T cell abundances are associated with survival in critical SARS-CoV-2â€“infected patients. JCI Insight, 2021, 6, .	5.0	16
27	Monoclonal antibody-mediated neutralization of SARS-CoV-2 in an IRF9-deficient child. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	24
28	The antibody/microbiota interface in health and disease. Mucosal Immunology, 2020, 13, 3-11.	6.0	48
29	Withdrawal of low-dose prednisone in SLE patients with a clinically quiescent disease for more than 1 year: a randomised clinical trial. Annals of the Rheumatic Diseases, 2020, 79, 339-346.	0.9	93
30	Metabolic Optimisation of Regulatory T Cells in Transplantation. Frontiers in Immunology, 2020, 11, 2005.	4.8	10
31	Systemic anti-commensal response to fungi analyzed by flow cytometry is related to gut mycobiome ecology. Microbiome, 2020, 8, 159.	11.1	11
32	Human IgA binds a diverse array of commensal bacteria. Journal of Experimental Medicine, 2020, 217, .	8.5	65
33	Inborn errors of type I IFN immunity in patients with life-threatening COVID-19. Science, 2020, 370, .	12.6	1,749
34	Autoantibodies against type I IFNs in patients with life-threatening COVID-19. Science, 2020, 370, .	12.6	1,983
35	Regulatory T cells in solid organ transplantation. Clinical and Translational Immunology, 2020, 9, e01099.	3.8	53
36	Tissue Infiltrating LTiâ€”Like Group 3 Innate Lymphoid Cells and T Follicular Helper Cells in Graves' and Hashimoto's Thyroiditis. Frontiers in Immunology, 2020, 11, 601.	4.8	13

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37	Ultrasensitive serum interferon-Î± quantification during SLE remission identifies patients at risk for relapse. Annals of the Rheumatic Diseases, 2019, 78, 1669-1676.	0.9	59
38	The role of FOXP3+ regulatory T cells in human autoimmune and inflammatory diseases. Clinical and Experimental Immunology, 2019, 197, 24-35.	2.6	62
39	Reverse Immunology Approach to Define a New HIV-gp41-Neutralizing Epitope. Journal of Immunology Research, 2019, 2019, 1-13.	2.2	3
40	THU0227â€…BIOLOGICAL MONITORING OF REMISSION IN SYSTEMIC LUPUS ERYTHEMATOSUS: ABNORMAL SERUM INTERFERON-ALPHA LEVELS PREDICT RELAPSE. , 2019, , .		0
41	Synergistic convergence of microbiota-specific systemic IgG and secretory IgA. Journal of Allergy and Clinical Immunology, 2019, 143, 1575-1585.e4.	2.9	86
42	Immune/microbial interface perturbation in human IgA deficiency. Gut Microbes, 2019, 10, 429-433.	9.8	22
43	Monitoring Disease Activity in Systemic Lupus Erythematosus With Singleâ€Molecule Array Digital Enzymeâ€Linked Immunosorbent Assay Quantification of Serum Interferonâ€Î±. Arthritis and Rheumatology, 2019, 71, 756-765.	5.6	51
44	Human <scp>FOXP</scp>3⁺ T regulatory cell heterogeneity. Clinical and Translational Immunology, 2018, 7, e1005.	3.8	93
45	Microbial ecology perturbation in human IgA deficiency. Science Translational Medicine, 2018, 10, .	12.4	206
46	Assessment of an ultra-sensitive IFNÎ³ immunoassay prototype for latent tuberculosis diagnosis. European Cytokine Network, 2018, 29, 136-145.	2.0	0
47	FRI0262â€…Monitoring disease activity in systemic lupus erythematosus with digital elisa quantification of serum interferon-Î³. , 2018, , .		0
48	Functional evidence for derivation of systemic histiocytic neoplasms from hematopoietic stem/progenitor cells. Blood, 2017, 130, 176-180.	1.4	98
49	Comment on â€œDiversification of the antigen-specific T cell receptor repertoire after varicella zoster vaccinationâ€. Science Translational Medicine, 2017, 9, .	12.4	1
50	Immune Modifications in Fetal Membranes Overlying the Cervix Precede Parturition in Humans. Journal of Immunology, 2017, 198, 1345-1356.	0.8	39
51	Combination of IL-2, rapamycin, DNA methyltransferase and histone deacetylase inhibitors for the expansion of human regulatory T cells. Oncotarget, 2017, 8, 104733-104744.	1.8	20
52	Generating Chemokine Analogs with Enhanced Pharmacological Properties Using Phage Display. Methods in Enzymology, 2016, 570, 47-72.	1.0	6
53	Analysis of bacterial-surface-specific antibodies in body fluids using bacterial flow cytometry. Nature Protocols, 2016, 11, 1531-1553.	12.0	67
54	Exclusion of Patients with a Severe T-Cell Defect Improves the Definition of Common Variable Immunodeficiency. Journal of Allergy and Clinical Immunology: in Practice, 2016, 4, 1147-1157.	3.8	45

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55	HIV-specific Th2 and Th17 responses predict HIV vaccine protection efficacy. Scientific Reports, 2016, 6, 28129.	3.3	10
56	Host genetics affect microbial ecosystems via host immunity. Current Opinion in Allergy and Clinical Immunology, 2016, 16, 413-420.	2.3	9
57	Suppressive activity of human regulatory T cells is maintained in the presence of TNF. Nature Medicine, 2016, 22, 16-17.	30.7	93
58	Gene transfer of two entry inhibitors protects CD4+ T cell from HIV-1 infection in humanized mice. Gene Therapy, 2016, 23, 144-150.	4.5	13
59	Identification of the Single Immunodominant Region of the Native Human CC Chemokine Receptor 6 Recognized by Mouse Monoclonal Antibodies. PLoS ONE, 2016, 11, e0157740.	2.5	2
60	Ultraviolet light converts propranolol, a nonselective Î²â€blocker and potential lupusâ€inducing drug, into a proinflammatory AhR ligand. European Journal of Immunology, 2015, 45, 3174-3187.	2.9	36
61	Regulatory T Cell Responses to High-Dose Methylprednisolone in Active Systemic Lupus Erythematosus. PLoS ONE, 2015, 10, e0143689.	2.5	37
62	Comment on â€œTracking donor-reactive T cells: Evidence for clonal deletion in tolerant kidney transplant patientsâ€. Science Translational Medicine, 2015, 7, 297le1.	12.4	4
63	Sialyl Lewis x (CD15s) identifies highly differentiated and most suppressive FOXP3 ^{high} regulatory T cells in humans. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 7225-7230.	7.1	164
64	Quality control of microbiota metagenomics by k-mer analysis. BMC Genomics, 2015, 16, 183.	2.8	22
65	Pathogen-Specific T Cell Polyfunctionality Is a Correlate of T Cell Efficacy and Immune Protection. PLoS ONE, 2015, 10, e0128714.	2.5	68
66	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. Human Gene Therapy Methods, 2014, 25, 232-240.	2.1	7
67	Pathogenesis of relapsing polychondritis: A 2013 update. Autoimmunity Reviews, 2014, 13, 90-95.	5.8	110
68	Highâ€sequence diversity and structural conservation in the human <scp>T</scp>â€cell receptor Î² junctional region during thymic development. European Journal of Immunology, 2013, 43, 2185-2193.	2.9	6
69	Differential Impact of Age and Cytomegalovirus Infection on the Î³Î´ T Cell Compartment. Journal of Immunology, 2013, 191, 1300-1306.	0.8	56
70	Transcriptional Blood Signatures Distinguish Pulmonary Tuberculosis, Pulmonary Sarcoidosis, Pneumonias and Lung Cancers. PLoS ONE, 2013, 8, e70630.	2.5	254
71	Abnormal Numbers Of Regulatory T Cell (Tregs) Subsets Are Sigificantly Associated With Adverse Disease Outcome In Lower Risk Myelodysplastic Syndromes (MDS) and Chronic Myelomonocytic Leukemia (CMML). Blood, 2013, 122, 2785-2785.	1.4	0
72	Activated and resting regulatory T cell exhaustion concurs with high levels of interleukin-22 expression in systemic sclerosis lesions. Annals of the Rheumatic Diseases, 2012, 71, 1227-1234.	0.9	90

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73	Lymphopenia-Driven Homeostatic Regulation of Naive T Cells in Elderly and Thymectomized Young Adults. Journal of Immunology, 2012, 189, 5541-5548.	0.8	82
74	Severe meningo-radiculo-nevritis associated with ipilimumab. Investigational New Drugs, 2012, 30, 2407-2410.	2.6	64
75	The Relapsing Polychondritis Disease Activity Index: Development of a disease activity score for relapsing polychondritis. Autoimmunity Reviews, 2012, 12, 204-209.	5.8	71
76	Evaluating Cellular Polyfunctionality with a Novel Polyfunctionality Index. PLoS ONE, 2012, 7, e42403.	2.5	78
77	Effector CD4+CD45RAâ"CD25brightFoxp3bright Regulatory T Cell (eTreg) Distribution Is Significantly Impaired in Chronic Myelomonocytic Leukemia (CMML) and Correlates with TET 2 Mutational Status.. Blood, 2012, 120, 2808-2808.	1.4	0
78	HIV disease progression despite suppression of viral replication is associated with exhaustion of lymphopoiesis. Blood, 2011, 117, 5142-5151.	1.4	140
79	Systemic perturbation of cytokine and chemokine networks in Erdheim-Chester disease: a single-center series of 37 patients. Blood, 2011, 117, 2783-2790.	1.4	144
80	Human FoxP3+ regulatory T cells in systemic autoimmune diseases. Autoimmunity Reviews, 2011, 10, 744-755.	5.8	298
81	Pathogenesis of Takayasu's arteritis: A 2011 update. Autoimmunity Reviews, 2011, 11, 61-67.	5.8	223
82	Multiparameter grouping delineates heterogeneous populations of human ILâ€17 and/or ILâ€22 Tâ€cell producers that share antigen specificities with other Tâ€cell subsets. European Journal of Immunology, 2011, 41, 2596-2605.	2.9	19
83	Cluster analysis of arterial involvement in Takayasu arteritis reveals symmetric extension of the lesions in paired arterial beds. Arthritis and Rheumatism, 2011, 63, 1136-1140.	6.7	39
84	Antagonistic T-Cell Subsets in Skin Diseases. New England Journal of Medicine, 2011, 365, 1450-1452.	27.0	3
85	Prognostic value of cerebrospinal fluid analysis at the time of a first demyelinating event. Multiple Sclerosis Journal, 2011, 17, 164-172.	3.0	14
86	Exhausted Cytotoxic Control of Epstein-Barr Virus in Human Lupus. PLoS Pathogens, 2011, 7, e1002328.	4.7	111
87	Cytokine Profiles in Sepsis Have Limited Relevance for Stratifying Patients in the Emergency Department: A Prospective Observational Study. PLoS ONE, 2011, 6, e28870.	2.5	58
88	Remission of Severe CD8⁺Cytotoxic T Cell Skin Infiltrative Disease in Human Immunodeficiency Virusâ€"Infected Patients Receiving Highly Active Antiretroviral Therapy. Clinical Infectious Diseases, 2010, 51, 741-748.	5.8	14
89	Intracerebral administration of CpG oligonucleotide for patients with recurrent glioblastoma: a phase II study. Neuro-Oncology, 2010, 12, 401-408.	1.2	180
90	An engineered CX3CR1 antagonist endowed with anti-inflammatory activity. Journal of Leukocyte Biology, 2009, 86, 903-911.	3.3	67

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91	Human lupus, fewer Treg cells indeed: Comment on the article by Venigalla et al. Arthritis and Rheumatism, 2009, 60, 630-630.	6.7	5
92	Functional Delineation and Differentiation Dynamics of Human CD4+ T Cells Expressing the FoxP3 Transcription Factor. Immunity, 2009, 30, 899-911.	14.3	1,955
93	FoxP3+ Regulatory T Cells Suppress Early Stages of Granuloma Formation but Have Little Impact on Sarcoidosis Lesions. American Journal of Pathology, 2009, 174, 497-508.	3.8	116
94	Engineered CCR5 superagonist chemokine as adjuvant in anti-tumor DNA vaccination. Vaccine, 2008, 26, 3252-3260.	3.8	16
95	Highly potent, fully recombinant anti-HIV chemokines: Reengineering a low-cost microbicide. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 17706-17711.	7.1	133
96	Prominent Plasmacytosis Following Intravenous Immunoglobulin Correlates with Clinical Improvement in Guillain-BarrÃ© Syndrome. PLoS ONE, 2008, 3, e2109.	2.5	17
97	The immune paradox of sarcoidosis and regulatory T cells. Journal of Experimental Medicine, 2006, 203, 359-370.	8.5	392
98	Global Natural Regulatory T Cell Depletion in Active Systemic Lupus Erythematosus. Journal of Immunology, 2005, 175, 8392-8400.	0.8	416
99	Immunogenicity of HIV Type 1 gp120 CD4 Binding Site Phage Mimotopes. AIDS Research and Human Retroviruses, 2005, 21, 82-92.	1.1	31
100	Foxp3 Expressing CD4+CD25high Regulatory T Cells Are Overrepresented in Human Metastatic Melanoma Lymph Nodes and Inhibit the Function of Infiltrating T Cells. Journal of Immunology, 2004, 173, 1444-1453.	0.8	635
101	Phage-displayed libraries of peptide/major histocompatibility complexes. European Journal of Immunology, 2004, 34, 598-607.	2.9	10
102	Properties of a disease-specific prion probe. Nature Medicine, 2004, 10, 11-11.	30.7	2
103	Roles of CCR2 and CXCR3 in the T cell-mediated response occurring during lupus flares. Arthritis and Rheumatism, 2003, 48, 3487-3496.	6.7	49
104	Effect of tyrosine kinase inhibitor STI571 on the kinase activity of wild-type and various mutated c-kit receptors found in mast cell neoplasms. Oncogene, 2003, 22, 660-664.	5.9	179
105	Human Immunodeficiency Virus Type 1 Entry Inhibitors Selected on Living Cells from a Library of Phage Chemokines. Journal of Virology, 2003, 77, 6637-6644.	3.4	49
106	Characterization of Vitreous B-Cell Infiltrates in Patients with Primary Ocular Lymphoma, Using CDR3 Size Polymorphism Analysis of Antibody Transcripts. , 2003, 44, 5235.		30
107	Down-regulation of CD8+ T-cell expansions in patients with human immunodeficiency virus infection receiving highly active combination therapy. Blood, 2001, 97, 1787-1795.	1.4	22
108	Phage display of peptide/major histocompatibility complex. Journal of Immunological Methods, 2000, 241, 147-158.	1.4	18

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109	Gene therapy approaches to HIV-infection immunological strategies use of T bodies and universal receptors to redirect cytolytic T-cells. Frontiers in Bioscience - Landmark, 1999, 4, d386-393.	3.0	0
110	Restoration of the immune system with anti-retroviral therapy. Immunology Letters, 1999, 66, 207-211.	2.5	116
111	Dangerous T-cell amnesia. Nature Medicine, 1999, 5, 483-484.	30.7	4
112	Perturbation of CD4+ and CD8+ T-cell repertoires during progression to AIDS and regulation of the CD4+ repertoire during antiviral therapy. Nature Medicine, 1998, 4, 215-221.	30.7	408
113	Characterization of T cell-expressed chimeric receptors with antibody-type specificity for the CD4 binding site of HIV-1 gp120. European Journal of Immunology, 1998, 28, 4177-4187.	2.9	28
114	Susceptibility of Peripheral Blood Mononuclear Cells to Apoptosis Is Correlated to Plasma HIV Load. Journal of Acquired Immune Deficiency Syndromes, 1998, 17, 419-423.	0.3	15
115	Massive Infiltration of the Skin by HIV-Specific Cytotoxic CD8+ T Cells. New England Journal of Medicine, 1996, 335, 61-62.	27.0	41
116	Expression of VÎ² Gene Segments by Sezary Cells. Journal of Investigative Dermatology, 1995, 105, 56-61.	0.7	38
117	In-cell PCR from mRNA: amplifying and linking the rearranged immunoglobulin heavy and light chain V-genes within single cells. Nucleic Acids Research, 1992, 20, 3831-3837.	14.5	150
118	Phenotype and function of peripheral blood and bone marrow T-cell colonies: Identification of CD3âˆ', 4âˆ', 8âˆ' autoreactive T cells. Human Immunology, 1989, 24, 111-124.	2.4	0
119	Identification of Autoreactive Human Bone Marrow and Peripheral Blood CD3âˆ', CD4âˆ', CD8âˆ'Prothymocytes. , 1989, , 564-566.		0