

Thiago Y Oliveira

List of Publications by Year in descending order

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Version: 2024-02-01

74
papers

16,181
citations

46984

47
h-index

79644

73
g-index

93
all docs

93
docs citations

93
times ranked

22446
citing authors

#	ARTICLE	IF	CITATIONS
1	Convergent antibody responses to SARS-CoV-2 in convalescent individuals. <i>Nature</i> , 2020, 584, 437-442.	13.7	1,742
2	Evolution of antibody immunity to SARS-CoV-2. <i>Nature</i> , 2021, 591, 639-644.	13.7	1,355
3	mRNA vaccine-elicited antibodies to SARS-CoV-2 and circulating variants. <i>Nature</i> , 2021, 592, 616-622.	13.7	1,232
4	Sequence and Structural Convergence of Broad and Potent HIV Antibodies That Mimic CD4 Binding. <i>Science</i> , 2011, 333, 1633-1637.	6.0	1,046
5	Naturally enhanced neutralizing breadth against SARS-CoV-2 one year after infection. <i>Nature</i> , 2021, 595, 426-431.	13.7	610
6	Therapeutic efficacy of potent neutralizing HIV-1-specific monoclonal antibodies in SHIV-infected rhesus monkeys. <i>Nature</i> , 2013, 503, 224-228.	13.7	593
7	Somatic Mutations of the Immunoglobulin Framework Are Generally Required for Broad and Potent HIV-1 Neutralization. <i>Cell</i> , 2013, 153, 126-138.	13.5	478
8	Neuro-immune Interactions Drive Tissue Programming in Intestinal Macrophages. <i>Cell</i> , 2016, 164, 378-391.	13.5	474
9	HIV-1 antibody 3BNC117 suppresses viral rebound in humans during treatment interruption. <i>Nature</i> , 2016, 535, 556-560.	13.7	400
10	Antibody 10-1074 suppresses viremia in HIV-1-infected individuals. <i>Nature Medicine</i> , 2017, 23, 185-191.	15.2	399
11	HIV-1 Integration Landscape during Latent and Active Infection. <i>Cell</i> , 2015, 160, 420-432.	13.5	393
12	Combination therapy with anti-HIV-1 antibodies maintains viral suppression. <i>Nature</i> , 2018, 561, 479-484.	13.7	392
13	Enhanced SARS-CoV-2 neutralization by dimeric IgA. <i>Science Translational Medicine</i> , 2021, 13, .	5.8	379
14	Rif1 Prevents Resection of DNA Breaks and Promotes Immunoglobulin Class Switching. <i>Science</i> , 2013, 339, 711-715.	6.0	356
15	Translocation-Capture Sequencing Reveals the Extent and Nature of Chromosomal Rearrangements in B Lymphocytes. <i>Cell</i> , 2011, 147, 95-106.	13.5	336
16	Recurrent Potent Human Neutralizing Antibodies to Zika Virus in Brazil and Mexico. <i>Cell</i> , 2017, 169, 597-609.e11.	13.5	279
17	Sequential Immunization Elicits Broadly Neutralizing Anti-HIV-1 Antibodies in Ig Knockin Mice. <i>Cell</i> , 2016, 166, 1445-1458.e12.	13.5	270
18	HIV-1 therapy with monoclonal antibody 3BNC117 elicits host immune responses against HIV-1. <i>Science</i> , 2016, 352, 997-1001.	6.0	263

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19	Restricted dendritic cell and monocyte progenitors in human cord blood and bone marrow. <i>Journal of Experimental Medicine</i> , 2015, 212, 385-399.	4.2	249
20	Immunization for HIV-1 Broadly Neutralizing Antibodies in Human Ig Knockin Mice. <i>Cell</i> , 2015, 161, 1505-1515.	13.5	239
21	Anti-SARS-CoV-2 receptor-binding domain antibody evolution after mRNA vaccination. <i>Nature</i> , 2021, 600, 517-522.	13.7	239
22	B Cell Super-Enhancers and Regulatory Clusters Recruit AID Tumorigenic Activity. <i>Cell</i> , 2014, 159, 1524-1537.	13.5	234
23	Affinity maturation of SARS-CoV-2 neutralizing antibodies confers potency, breadth, and resilience to viral escape mutations. <i>Immunity</i> , 2021, 54, 1853-1868.e7.	6.6	230
24	Classical dendritic cells are required for dietary antigen-mediated induction of peripheral Treg cells and tolerance. <i>Nature Immunology</i> , 2016, 17, 545-555.	7.0	222
25	T cell help controls the speed of the cell cycle in germinal center B cells. <i>Science</i> , 2015, 349, 643-646.	6.0	204
26	The microanatomic segregation of selection by apoptosis in the germinal center. <i>Science</i> , 2017, 358, .	6.0	204
27	Increased memory B cell potency and breadth after a SARS-CoV-2 mRNA boost. <i>Nature</i> , 2022, 607, 128-134.	13.7	197
28	Safety and antiviral activity of combination HIV-1 broadly neutralizing antibodies in viremic individuals. <i>Nature Medicine</i> , 2018, 24, 1701-1707.	15.2	195
29	DNA damage defines sites of recurrent chromosomal translocations in B lymphocytes. <i>Nature</i> , 2012, 484, 69-74.	13.7	186
30	Paired quantitative and qualitative assessment of the replication-competent HIV-1 reservoir and comparison with integrated proviral DNA. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, E7908-E7916.	3.3	164
31	Immunization expands B cells specific to HIV-1 V3 glycan in mice and macaques. <i>Nature</i> , 2019, 570, 468-473.	13.7	145
32	Plasmodium Infection Promotes Genomic Instability and AID-Dependent B Cell Lymphoma. <i>Cell</i> , 2015, 162, 727-737.	13.5	141
33	Independent Roles of Switching and Hypermutation in the Development and Persistence of B Lymphocyte Memory. <i>Immunity</i> , 2016, 44, 769-781.	6.6	125
34	Persistent cellular immunity to SARS-CoV-2 infection. <i>Journal of Experimental Medicine</i> , 2021, 218, .	4.2	115
35	Protein Amounts of the MYC Transcription Factor Determine Germinal Center B Cell Division Capacity. <i>Immunity</i> , 2019, 51, 324-336.e5.	6.6	112
36	Memory B Cell Antibodies to HIV-1 gp140 Cloned from Individuals Infected with Clade A and B Viruses. <i>PLoS ONE</i> , 2011, 6, e24078.	1.1	99

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37	Zinc finger transcription factor zDC is a negative regulator required to prevent activation of classical dendritic cells in the steady state. <i>Journal of Experimental Medicine</i> , 2012, 209, 1583-1593.	4.2	98
38	RPA Accumulation during Class Switch Recombination Represents 5' DNA-End Resection during the G2/M Phase of the Cell Cycle. <i>Cell Reports</i> , 2013, 3, 138-147.	2.9	94
39	Combination of quadruplex qPCR and next-generation sequencing for qualitative and quantitative analysis of the HIV-1 latent reservoir. <i>Journal of Experimental Medicine</i> , 2019, 216, 2253-2264.	4.2	92
40	Analysis of memory B cells identifies conserved neutralizing epitopes on the N-terminal domain of variant SARS-Cov-2 spike proteins. <i>Immunity</i> , 2022, 55, 998-1012.e8.	6.6	86
41	Relationship between latent and rebound viruses in a clinical trial of anti-HIV-1 antibody 3BNC117. <i>Journal of Experimental Medicine</i> , 2018, 215, 2311-2324.	4.2	84
42	Antigen-responsive CD4+ T cell clones contribute to the HIV-1 latent reservoir. <i>Journal of Experimental Medicine</i> , 2020, 217, .	4.2	75
43	Prolonged viral suppression with anti-HIV-1 antibody therapy. <i>Nature</i> , 2022, 606, 368-374.	13.7	75
44	Relationship between intact HIV-1 proviruses in circulating CD4 ⁺ T cells and rebound viruses emerging during treatment interruption. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E11341-E11348.	3.3	65
45	Germinal center-dependent and -independent memory B cells produced throughout the immune response. <i>Journal of Experimental Medicine</i> , 2021, 218, .	4.2	65
46	The cell cycle restricts activation-induced cytidine deaminase activity to early G1. <i>Journal of Experimental Medicine</i> , 2017, 214, 49-58.	4.2	63
47	A Combination of Two Human Monoclonal Antibodies Prevents Zika Virus Escape Mutations in Non-human Primates. <i>Cell Reports</i> , 2018, 25, 1385-1394.e7.	2.9	61
48	Dynamic regulation of TFH selection during the germinal centre reaction. <i>Nature</i> , 2021, 591, 458-463.	13.7	58
49	Characterization of Intact Proviruses in Blood and Lymph Node from HIV-Infected Individuals Undergoing Analytical Treatment Interruption. <i>Journal of Virology</i> , 2019, 93, .	1.5	49
50	Epigenetic targeting of activation-induced cytidine deaminase. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 18667-18672.	3.3	48
51	Sequence Evaluation and Comparative Analysis of Novel Assays for Intact Proviral HIV-1 DNA. <i>Journal of Virology</i> , 2021, 95, .	1.5	47
52	Risk of Zika microcephaly correlates with features of maternal antibodies. <i>Journal of Experimental Medicine</i> , 2019, 216, 2302-2315.	4.2	41
53	The Chromatin Reader ZMYND8 Regulates Igh Enhancers to Promote Immunoglobulin Class Switch Recombination. <i>Molecular Cell</i> , 2018, 72, 636-649.e8.	4.5	34
54	53BP1 Alters the Landscape of DNA Rearrangements and Suppresses AID-Induced B Cell Lymphoma. <i>Molecular Cell</i> , 2013, 49, 623-631.	4.5	33

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55	High-Throughput Sequencing Reveals Principles of Adeno-Associated Virus Serotype 2 Integration. <i>Journal of Virology</i> , 2013, 87, 8559-8568.	1.5	33
56	Effect of 3BNC117 and romidepsin on the HIV-1 reservoir in people taking suppressive antiretroviral therapy (ROADMAP): a randomised, open-label, phase 2A trial. <i>Lancet Microbe</i> , The, 2022, 3, e203-e214.	3.4	33
57	Integration features of intact latent HIV-1 in CD4+ T cell clones contribute to viral persistence. <i>Journal of Experimental Medicine</i> , 2021, 218, .	4.2	32
58	Sequential immunization of macaques elicits heterologous neutralizing antibodies targeting the V3-glycan patch of HIV-1 Env. <i>Science Translational Medicine</i> , 2021, 13, eabk1533.	5.8	27
59	Translocation capture sequencing: A method for high throughput mapping of chromosomal rearrangements. <i>Journal of Immunological Methods</i> , 2012, 375, 176-181.	0.6	25
60	Distinct patterns of somatic alterations in a lymphoblastoid and a tumor genome derived from the same individual. <i>Nucleic Acids Research</i> , 2011, 39, 6056-6068.	6.5	19
61	Biochemical responses in armored catfish (<i>Pterygoplichthys anisitsi</i>) after short-term exposure to diesel oil, pure biodiesel and biodiesel blends. <i>Chemosphere</i> , 2013, 93, 311-319.	4.2	19
62	An apoptosis-dependent checkpoint for autoimmunity in memory B and plasma cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 24957-24963.	3.3	18
63	RAG1/2 induces genomic insertions by mobilizing DNA into RAG1/2-independent breaks. <i>Journal of Experimental Medicine</i> , 2017, 214, 815-831.	4.2	15
64	Parvovirus B19 integration into human CD36+ erythroid progenitor cells. <i>Virology</i> , 2017, 511, 40-48.	1.1	15
65	Isolation of single HIV-1 Envelope specific B cells and antibody cloning from immunized rhesus macaques. <i>Journal of Immunological Methods</i> , 2020, 478, 112734.	0.6	15
66	Biochemical responses in mussels <i>Perna perna</i> exposed to diesel B5. <i>Chemosphere</i> , 2015, 134, 210-216.	4.2	13
67	Molecular evolution of a malaria resistance gene (DARC) in primates. <i>Immunogenetics</i> , 2012, 64, 497-505.	1.2	11
68	Highly Divergent Integration Profile of Adeno-Associated Virus Serotype 5 Revealed by High-Throughput Sequencing. <i>Journal of Virology</i> , 2014, 88, 2481-2488.	1.5	11
69	A broadly neutralizing macaque monoclonal antibody against the HIV-1 V3-Glycan patch. <i>ELife</i> , 2020, 9, .	2.8	10
70	Antibody evolution to SARS-CoV-2 after single-dose Ad26.COVS vaccine in humans. <i>Journal of Experimental Medicine</i> , 2022, 219, .	4.2	10
71	Osteoblastic differentiation of bone marrow mesenchymal stromal cells in Bruck Syndrome. <i>BMC Medical Genetics</i> , 2016, 17, 38.	2.1	8
72	Plasma and memory antibody responses to Gamma SARS-CoV-2 provide limited cross-protection to other variants. <i>Journal of Experimental Medicine</i> , 2022, 219, .	4.2	6

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73	ProbFAST: Probabilistic Functional Analysis System Tool. BMC Bioinformatics, 2010, 11, 161.	1.2	2
74	Perfil de beta talassemia heterozigota obtido a partir de análise data mining em banco de dados. Revista Brasileira De Hematologia E Hemoterapia, 2010, 32, 78-79.	0.7	0