

James P Allison

List of Publications by Year in descending order

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Version: 2024-02-01

275
papers

83,684
citations

553

126
h-index

460

272
g-index

283
all docs

283
docs citations

283
times ranked

65119
citing authors

#	ARTICLE	IF	CITATIONS
1	The future of immune checkpoint therapy. <i>Science</i> , 2015, 348, 56-61.	6.0	3,735
2	Restoring function in exhausted CD8 T cells during chronic viral infection. <i>Nature</i> , 2006, 439, 682-687.	13.7	3,471
3	Enhancement of Antitumor Immunity by CTLA-4 Blockade. <i>Science</i> , 1996, 271, 1734-1736.	6.0	3,231
4	Gut microbiome modulates response to anti-PD-1 immunotherapy in melanoma patients. <i>Science</i> , 2018, 359, 97-103.	6.0	3,126
5	Fundamental Mechanisms of Immune Checkpoint Blockade Therapy. <i>Cancer Discovery</i> , 2018, 8, 1069-1086.	7.7	2,128
6	CD28 and CTLA-4 have opposing effects on the response of T cells to stimulation.. <i>Journal of Experimental Medicine</i> , 1995, 182, 459-465.	4.2	1,922
7	Depletion of Carcinoma-Associated Fibroblasts and Fibrosis Induces Immunosuppression and Accelerates Pancreas Cancer with Reduced Survival. <i>Cancer Cell</i> , 2014, 25, 719-734.	7.7	1,892
8	Immune Checkpoint Targeting in Cancer Therapy: Toward Combination Strategies with Curative Potential. <i>Cell</i> , 2015, 161, 205-214.	13.5	1,872
9	Immunologic Correlates of the Abскоп Effect in a Patient with Melanoma. <i>New England Journal of Medicine</i> , 2012, 366, 925-931.	13.9	1,836
10	Checkpoint blockade cancer immunotherapy targets tumour-specific mutant antigens. <i>Nature</i> , 2014, 515, 577-581.	13.7	1,705
11	PD-1 and CTLA-4 combination blockade expands infiltrating T cells and reduces regulatory T and myeloid cells within B16 melanoma tumors. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 4275-4280.	3.3	1,602
12	CD28-mediated signalling co-stimulates murine T cells and prevents induction of anergy in T-cell clones. <i>Nature</i> , 1992, 356, 607-609.	13.7	1,516
13	Cancer regression and autoimmunity induced by cytotoxic T lymphocyte-associated antigen 4 blockade in patients with metastatic melanoma. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003, 100, 8372-8377.	3.3	1,482
14	Fc-dependent depletion of tumor-infiltrating regulatory T cells co-defines the efficacy of anti-CTLA-4 therapy against melanoma. <i>Journal of Experimental Medicine</i> , 2013, 210, 1695-1710.	4.2	1,203
15	The Prioritization of Cancer Antigens: A National Cancer Institute Pilot Project for the Acceleration of Translational Research. <i>Clinical Cancer Research</i> , 2009, 15, 5323-5337.	3.2	1,177
16	Cancer exome analysis reveals a T-cell-dependent mechanism of cancer immunoediting. <i>Nature</i> , 2012, 482, 400-404.	13.7	1,075
17	Loss of IFN- γ Pathway Genes in Tumor Cells as a Mechanism of Resistance to Anti-CTLA-4 Therapy. <i>Cell</i> , 2016, 167, 397-404.e9.	13.5	1,009
18	Distinct Cellular Mechanisms Underlie Anti-CTLA-4 and Anti-PD-1 Checkpoint Blockade. <i>Cell</i> , 2017, 170, 1120-1133.e17.	13.5	960

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19	Synergism of Cytotoxic T Lymphocyte-associated Antigen 4 Blockade and Depletion of Cd25+ Regulatory T Cells in Antitumor Therapy Reveals Alternative Pathways for Suppression of Autoreactive Cytotoxic T Lymphocyte Responses. <i>Journal of Experimental Medicine</i> , 2001, 194, 823-832.	4.2	959
20	Combination Immunotherapy of B16 Melanoma Using Anti-cytotoxic T Lymphocyte-associated Antigen 4 (Ctla-4) and Granulocyte/Macrophage Colony-Stimulating Factor (Gm-Csf)-Producing Vaccines Induces Rejection of Subcutaneous and Metastatic Tumors Accompanied by Autoimmune Depigmentation. <i>Journal of Experimental Medicine</i> , 1999, 190, 355-366.	4.2	951
21	Biologic activity of cytotoxic T lymphocyte-associated antigen 4 antibody blockade in previously vaccinated metastatic melanoma and ovarian carcinoma patients. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003, 100, 4712-4717.	3.3	940
22	CTLA-4-MEDIATED INHIBITION IN REGULATION OF CELL RESPONSES: Mechanisms and Manipulation in Tumor Immunotherapy. <i>Annual Review of Immunology</i> , 2001, 19, 565-594.	9.5	905
23	CTLA-4: new insights into its biological function and use in tumor immunotherapy. <i>Nature Immunology</i> , 2002, 3, 611-618.	7.0	843
24	ICOS co-stimulatory receptor is essential for T-cell activation and function. <i>Nature</i> , 2001, 409, 97-101.	13.7	840
25	CTLA-4 engagement inhibits IL-2 accumulation and cell cycle progression upon activation of resting T cells. <i>Journal of Experimental Medicine</i> , 1996, 183, 2533-2540.	4.2	837
26	Blockade of CTLA-4 on both effector and regulatory T cell compartments contributes to the antitumor activity of anti-CTLA-4 antibodies. <i>Journal of Experimental Medicine</i> , 2009, 206, 1717-1725.	4.2	785
27	Analysis of Immune Signatures in Longitudinal Tumor Samples Yields Insight into Biomarkers of Response and Mechanisms of Resistance to Immune Checkpoint Blockade. <i>Cancer Discovery</i> , 2016, 6, 827-837.	7.7	785
28	BTLA is a lymphocyte inhibitory receptor with similarities to CTLA-4 and PD-1. <i>Nature Immunology</i> , 2003, 4, 670-679.	7.0	768
29	Epithelial-to-mesenchymal transition induces cell cycle arrest and parenchymal damage in renal fibrosis. <i>Nature Medicine</i> , 2015, 21, 998-1009.	15.2	736
30	Tumor-reactive CD4+ T cells develop cytotoxic activity and eradicate large established melanoma after transfer into lymphopenic hosts. <i>Journal of Experimental Medicine</i> , 2010, 207, 637-650.	4.2	715
31	Co-occurring Genomic Alterations Define Major Subsets of KRAS-Mutant Lung Adenocarcinoma with Distinct Biology, Immune Profiles, and Therapeutic Vulnerabilities. <i>Cancer Discovery</i> , 2015, 5, 860-877.	7.7	696
32	Integrated molecular analysis of tumor biopsies on sequential CTLA-4 and PD-1 blockade reveals markers of response and resistance. <i>Science Translational Medicine</i> , 2017, 9, .	5.8	689
33	Cancer classification using the Immunoscore: a worldwide task force. <i>Journal of Translational Medicine</i> , 2012, 10, 205.	1.8	676
34	Immune-mediated inhibition of metastases after treatment with local radiation and CTLA-4 blockade in a mouse model of breast cancer. <i>Clinical Cancer Research</i> , 2005, 11, 728-34.	3.2	662
35	Glycosylation and stabilization of programmed death ligand-1 suppresses T-cell activity. <i>Nature Communications</i> , 2016, 7, 12632.	5.8	648
36	CTLA4 blockade and GM-CSF combination immunotherapy alters the intratumor balance of effector and regulatory T cells. <i>Journal of Clinical Investigation</i> , 2006, 116, 1935-1945.	3.9	605

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37	Immunologic and clinical effects of antibody blockade of cytotoxic T lymphocyte-associated antigen 4 in previously vaccinated cancer patients. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 3005-3010.	3.3	604
38	Localized Oncolytic Virotherapy Overcomes Systemic Tumor Resistance to Immune Checkpoint Blockade Immunotherapy. <i>Science Translational Medicine</i> , 2014, 6, 226ra32.	5.8	590
39	The Emerging Role of CTLA-4 as an Immune Attenuator. <i>Immunity</i> , 1997, 7, 445-450.	6.6	582
40	Indoleamine 2,3-dioxygenase is a critical resistance mechanism in antitumor T cell immunotherapy targeting CTLA-4. <i>Journal of Experimental Medicine</i> , 2013, 210, 1389-1402.	4.2	562
41	Novel cancer immunotherapy agents with survival benefit: recent successes and next steps. <i>Nature Reviews Cancer</i> , 2011, 11, 805-812.	12.8	554
42	PD-L1 and PD-L2 are differentially regulated by Th1 and Th2 cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003, 100, 5336-5341.	3.3	536
43	Limited diversity of $\beta_2\text{-microglobulin}$ antigen receptor genes of thy-1+ dendritic epidermal cells. <i>Cell</i> , 1988, 55, 837-847.	13.5	523
44	Fecal microbiota transplantation for refractory immune checkpoint inhibitor-associated colitis. <i>Nature Medicine</i> , 2018, 24, 1804-1808.	15.2	521
45	Checkpoint Blockade in Cancer Immunotherapy. <i>Advances in Immunology</i> , 2006, 90, 297-339.	1.1	498
46	Imatinib potentiates antitumor T cell responses in gastrointestinal stromal tumor through the inhibition of Ido. <i>Nature Medicine</i> , 2011, 17, 1094-1100.	15.2	476
47	VISTA is an inhibitory immune checkpoint that is increased after ipilimumab therapy in patients with prostate cancer. <i>Nature Medicine</i> , 2017, 23, 551-555.	15.2	467
48	Mechanisms of Resistance to Immune Checkpoint Blockade: Why Does Checkpoint Inhibitor Immunotherapy Not Work for All Patients?. <i>American Society of Clinical Oncology Educational Book / ASCO American Society of Clinical Oncology Meeting</i> , 2019, 39, 147-164.	1.8	459
49	Immune Modulation in Cancer with Antibodies. <i>Annual Review of Medicine</i> , 2014, 65, 185-202.	5.0	455
50	Cytotoxic T Lymphocyte Antigen-4 Accumulation in the Immunological Synapse Is Regulated by TCR Signal Strength. <i>Immunity</i> , 2002, 16, 23-35.	6.6	452
51	Spatial computation of intratumoral T cells correlates with survival of patients with pancreatic cancer. <i>Nature Communications</i> , 2017, 8, 15095.	5.8	432
52	Principles and use of anti-CTLA4 antibody in human cancer immunotherapy. <i>Current Opinion in Immunology</i> , 2006, 18, 206-213.	2.4	426
53	Single-institution experience with ipilimumab in advanced melanoma patients in the compassionate use setting. <i>Cancer</i> , 2010, 116, 1767-1775.	2.0	405
54	Preoperative CTLA-4 Blockade: Tolerability and Immune Monitoring in the Setting of a Presurgical Clinical Trial. <i>Clinical Cancer Research</i> , 2010, 16, 2861-2871.	3.2	404

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55	Co-stimulation in T cell responses. <i>Current Opinion in Immunology</i> , 1997, 9, 396-404.	2.4	401
56	B7-1 and B7-2 Selectively Recruit CTLA-4 and CD28 to the Immunological Synapse. <i>Immunity</i> , 2004, 21, 401-413.	6.6	390
57	Tumor-Expressed IDO Recruits and Activates MDSCs in a Treg-Dependent Manner. <i>Cell Reports</i> , 2015, 13, 412-424.	2.9	387
58	A Pilot Trial of CTLA-4 Blockade with Human Anti-CTLA-4 in Patients with Hormone-Refractory Prostate Cancer. <i>Clinical Cancer Research</i> , 2007, 13, 1810-1815.	3.2	385
59	Lymphoproliferation in CTLA-4 Deficient Mice Is Mediated by Costimulation-Dependent Activation of CD4 + T Cells. <i>Immunity</i> , 1997, 7, 885-895.	6.6	384
60	Efficacy, Safety, and Biomarkers of Response to Azacitidine and Nivolumab in Relapsed/Refractory Acute Myeloid Leukemia: A Nonrandomized, Open-Label, Phase II Study. <i>Cancer Discovery</i> , 2019, 9, 370-383.	7.7	380
61	Epitope Landscape in Breast and Colorectal Cancer. <i>Cancer Research</i> , 2008, 68, 889-892.	0.4	373
62	Dietary fiber and probiotics influence the gut microbiome and melanoma immunotherapy response. <i>Science</i> , 2021, 374, 1632-1640.	6.0	369
63	Manipulation of T cell costimulatory and inhibitory signals for immunotherapy of prostate cancer. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1997, 94, 8099-8103.	3.3	364
64	The Next Decade of Immune Checkpoint Therapy. <i>Cancer Discovery</i> , 2021, 11, 838-857.	7.7	363
65	B7x: A widely expressed B7 family member that inhibits T cell activation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003, 100, 10388-10392.	3.3	362
66	Costimulatory regulation of T cell function. <i>Current Opinion in Cell Biology</i> , 1999, 11, 203-210.	2.6	359
67	Neoadjuvant nivolumab or nivolumab plus ipilimumab in operable non-small cell lung cancer: the phase 2 randomized NEOSTAR trial. <i>Nature Medicine</i> , 2021, 27, 504-514.	15.2	357
68	CTLA-4 blockade synergizes with tumor-derived granulocyte-macrophage colony-stimulating factor for treatment of an experimental mammary carcinoma. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1998, 95, 10067-10071.	3.3	356
69	B7-H3 and B7x are highly expressed in human prostate cancer and associated with disease spread and poor outcome. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 19458-19463.	3.3	336
70	CTLA-4 blockade enhances polyfunctional NY-ESO-1 specific T cell responses in metastatic melanoma patients with clinical benefit. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 20410-20415.	3.3	322
71	Integrated NY-ESO-1 antibody and CD8 ⁺ T-cell responses correlate with clinical benefit in advanced melanoma patients treated with ipilimumab. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 16723-16728.	3.3	310
72	The B7 Family and Cancer Therapy: Costimulation and Coinhibition. <i>Clinical Cancer Research</i> , 2007, 13, 5271-5279.	3.2	308

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73	Elucidating the Autoimmune and Antitumor Effector Mechanisms of a Treatment Based on Cytotoxic T Lymphocyte Antigen-4 Blockade in Combination with a B16 Melanoma Vaccine. <i>Journal of Experimental Medicine</i> , 2001, 194, 481-490.	4.2	307
74	Origin of Thy-1+ dendritic epidermal cells of adult mice from fetal thymic precursors. <i>Nature</i> , 1990, 344, 68-70.	13.7	299
75	CD28-B7 interactions in T-cell activation. <i>Current Opinion in Immunology</i> , 1994, 6, 414-419.	2.4	298
76	Systemic CTLA-4 Blockade Ameliorates Glioma-Induced Changes to the CD4+ T Cell Compartment without Affecting Regulatory T-Cell Function. <i>Clinical Cancer Research</i> , 2007, 13, 2158-2167.	3.2	293
77	Aire-Dependent Thymic Development of Tumor-Associated Regulatory T Cells. <i>Science</i> , 2013, 339, 1219-1224.	6.0	282
78	Cytotoxic T Lymphocyte-associated Antigen 4 (CTLA-4) Regulates the Unfolding of Autoimmune Diabetes. <i>Journal of Experimental Medicine</i> , 1998, 187, 427-432.	4.2	277
79	Dissecting the mechanisms of immune checkpoint therapy. <i>Nature Reviews Immunology</i> , 2020, 20, 75-76.	10.6	275
80	Development of ipilimumab: a novel immunotherapeutic approach for the treatment of advanced melanoma. <i>Annals of the New York Academy of Sciences</i> , 2013, 1291, 1-13.	1.8	270
81	Combining Radiation and Immunotherapy: A New Systemic Therapy for Solid Tumors?. <i>Cancer Immunology Research</i> , 2014, 2, 831-838.	1.6	270
82	Expression of Helios in Peripherally Induced Foxp3+ Regulatory T Cells. <i>Journal of Immunology</i> , 2012, 188, 976-980.	0.4	268
83	CD28-B7 interactions allow the induction of CD8+ cytotoxic T lymphocytes in the absence of exogenous help.. <i>Journal of Experimental Medicine</i> , 1993, 177, 1791-1796.	4.2	265
84	Anti-CTLA-4 Immunotherapy Does Not Deplete FOXP3+ Regulatory T Cells (Tregs) in Human Cancers. <i>Clinical Cancer Research</i> , 2019, 25, 1233-1238.	3.2	260
85	Potent Induction of Tumor Immunity by Combining Tumor Cryoablation with Anti-CTLA-4 Therapy. <i>Cancer Research</i> , 2012, 72, 430-439.	0.4	248
86	TCR ligand density and affinity determine peripheral induction of Foxp3 in vivo. <i>Journal of Experimental Medicine</i> , 2010, 207, 1701-1711.	4.2	244
87	Engagement of the ICOS pathway markedly enhances efficacy of CTLA-4 blockade in cancer immunotherapy. <i>Journal of Experimental Medicine</i> , 2014, 211, 715-725.	4.2	242
88	Structure, Function, and Serology of the T-Cell Antigen Receptor Complex. <i>Annual Review of Immunology</i> , 1987, 5, 503-540.	9.5	240
89	Immune profiling of human tumors identifies CD73 as a combinatorial target in glioblastoma. <i>Nature Medicine</i> , 2020, 26, 39-46.	15.2	236
90	Augmentation of T Cell Levels and Responses Induced by Androgen Deprivation. <i>Journal of Immunology</i> , 2004, 173, 6098-6108.	0.4	234

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91	Alternative Activation Is an Innate Response to Injury That Requires CD4+ T Cells to be Sustained during Chronic Infection. <i>Journal of Immunology</i> , 2007, 179, 3926-3936.	0.4	230
92	Shifting the equilibrium in cancer immunoediting: from tumor tolerance to eradication. <i>Immunological Reviews</i> , 2011, 241, 104-118.	2.8	229
93	Combination anti-CTLA-4 plus anti-PD-1 checkpoint blockade utilizes cellular mechanisms partially distinct from monotherapies. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 22699-22709.	3.3	226
94	The mouse T cell receptor: Structural heterogeneity of molecules of normal T cells defined by Xenoantiserum. <i>Cell</i> , 1983, 34, 739-746.	13.5	220
95	CTLA4 blockade expands FoxP3+ regulatory and activated effector CD4+ T cells in a dose-dependent fashion. <i>Blood</i> , 2008, 112, 1175-1183.	0.6	217
96	Gut microbiota signatures are associated with toxicity to combined CTLA-4 and PD-1 blockade. <i>Nature Medicine</i> , 2021, 27, 1432-1441.	15.2	216
97	Elimination of residual metastatic prostate cancer after surgery and adjunctive cytotoxic T lymphocyte-associated antigen 4 (CTLA-4) blockade immunotherapy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1999, 96, 15074-15079.	3.3	214
98	Anti-CTLA-4 Antibody Therapy: Immune Monitoring During Clinical Development of a Novel Immunotherapy. <i>Seminars in Oncology</i> , 2010, 37, 473-484.	0.8	208
99	Cell intrinsic mechanisms of T cell inhibition and application to cancer therapy. <i>Immunological Reviews</i> , 2008, 224, 141-165.	2.8	207
100	Tumor associated endothelial expression of B7-H3 predicts survival in ovarian carcinomas. <i>Modern Pathology</i> , 2010, 23, 1104-1112.	2.9	204
101	Clonal expansion of CD8 T cells in the systemic circulation precedes development of ipilimumab-induced toxicities. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 11919-11924.	3.3	197
102	Regulation of CD4 T cell activation and effector function by inducible costimulator (ICOS). <i>Current Opinion in Immunology</i> , 2010, 22, 326-332.	2.4	195
103	Suppression of Type I IFN Signaling in Tumors Mediates Resistance to Anti-PD-1 Treatment That Can Be Overcome by Radiotherapy. <i>Cancer Research</i> , 2017, 77, 839-850.	0.4	195
104	Neoadjuvant PD-L1 plus CTLA-4 blockade in patients with cisplatin-ineligible operable high-risk urothelial carcinoma. <i>Nature Medicine</i> , 2020, 26, 1845-1851.	15.2	193
105	Combination CTLA-4 Blockade and 4-1BB Activation Enhances Tumor Rejection by Increasing T-Cell Infiltration, Proliferation, and Cytokine Production. <i>PLoS ONE</i> , 2011, 6, e19499.	1.1	189
106	Limited tumor infiltration by activated T effector cells restricts the therapeutic activity of regulatory T cell depletion against established melanoma. <i>Journal of Experimental Medicine</i> , 2008, 205, 2125-2138.	4.2	185
107	T Cell Immunoglobulin Mucin-3 Crystal Structure Reveals a Galectin-9-Independent Ligand-Binding Surface. <i>Immunity</i> , 2007, 26, 311-321.	6.6	183
108	Strength of TCR-Peptide/MHC Interactions and In Vivo T Cell Responses. <i>Journal of Immunology</i> , 2011, 186, 5039-5045.	0.4	182

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109	Increased Frequency of ICOS+ CD4 T Cells as a Pharmacodynamic Biomarker for Anti-CTLA-4 Therapy. <i>Cancer Immunology Research</i> , 2013, 1, 229-234.	1.6	178
110	Interaction of CTLA-4 with AP50, a clathrin-coated pit adaptor protein. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1997, 94, 9273-9278.	3.3	175
111	A Pilot Study of Preoperative Single-Dose Ipilimumab and/or Cryoablation in Women with Early-Stage Breast Cancer with Comprehensive Immune Profiling. <i>Clinical Cancer Research</i> , 2016, 22, 5729-5737.	3.2	175
112	The Yin and Yang of T Cell Costimulation. <i>Science</i> , 1995, 270, 932-932.	6.0	172
113	Modulation of EZH2 expression in T cells improves efficacy of anti-CTLA-4 therapy. <i>Journal of Clinical Investigation</i> , 2018, 128, 3813-3818.	3.9	169
114	The T cell antigen receptor complex expressed on normal peripheral blood CD4+, CD8+ T lymphocytes. A CD3-associated disulfide-linked gamma chain heterodimer. <i>Journal of Experimental Medicine</i> , 1987, 165, 1076-1094.	4.2	168
115	TCR Repertoire Intratumor Heterogeneity in Localized Lung Adenocarcinomas: An Association with Predicted Neoantigen Heterogeneity and Postsurgical Recurrence. <i>Cancer Discovery</i> , 2017, 7, 1088-1097.	7.7	160
116	Manipulation of costimulatory signals to enhance antitumor T-cell responses. <i>Current Opinion in Immunology</i> , 1995, 7, 682-686.	2.4	158
117	Systemic 4-1BB activation induces a novel T cell phenotype driven by high expression of Eomesodermin. <i>Journal of Experimental Medicine</i> , 2013, 210, 743-755.	4.2	157
118	In vivo blockade of CTLA-4 enhances the priming of responsive T cells but fails to prevent the induction of tumor antigen-specific tolerance. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1999, 96, 11476-11481.	3.3	155
119	Single dose of anti-CTLA-4 enhances CD8 ⁺ T-cell memory formation, function, and maintenance. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 266-271.	3.3	151
120	Anti-CTLA-4 Immunotherapy Does Not Deplete FOXP3+ Regulatory T Cells (Tregs) in Human Cancers Response. <i>Clinical Cancer Research</i> , 2019, 25, 3469-3470.	3.2	151
121	Negative regulators of T cell activation: potential targets for therapeutic intervention in cancer, autoimmune disease, and persistent infections. <i>Immunological Reviews</i> , 2009, 229, 67-87.	2.8	150
122	A Genetic Mouse Model Recapitulates Immune Checkpoint Inhibitor-Associated Myocarditis and Supports a Mechanism-Based Therapeutic Intervention. <i>Cancer Discovery</i> , 2021, 11, 614-625.	7.7	145
123	Anticancer immunotherapy by CTLA-4 blockade: obligatory contribution of IL-2 receptors and negative prognostic impact of soluble CD25. <i>Cell Research</i> , 2015, 25, 208-224.	5.7	143
124	Autoimmune antibodies correlate with immune checkpoint therapy-induced toxicities. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 22246-22251.	3.3	142
125	Comprehensive T cell repertoire characterization of non-small cell lung cancer. <i>Nature Communications</i> , 2020, 11, 603.	5.8	140
126	Defining the critical hurdles in cancer immunotherapy. <i>Journal of Translational Medicine</i> , 2011, 9, 214.	1.8	139

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127	Deep Sequencing of T-cell Receptor DNA as a Biomarker of Clonally Expanded TILs in Breast Cancer after Immunotherapy. <i>Cancer Immunology Research</i> , 2016, 4, 835-844.	1.6	138
128	Thymocyte development is normal in CTLA-4-deficient mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1997, 94, 9296-9301.	3.3	137
129	Heterogeneous antibodies against SARS-CoV-2 spike receptor binding domain and nucleocapsid with implications for COVID-19 immunity. <i>JCI Insight</i> , 2020, 5, .	2.3	130
130	Superantigen responses and co-stimulation: CD28 and CTLA-4 have opposing effects on T cell expansion in vitro and in vivo. <i>International Immunology</i> , 1996, 8, 519-523.	1.8	128
131	Cancer immunotherapy: co-stimulatory agonists and co-inhibitory antagonists. <i>Clinical and Experimental Immunology</i> , 2009, 157, 9-19.	1.1	126
132	Tumor Vaccines Expressing Flt3 Ligand Synergize with CTLA-4 Blockade to Reject Preimplanted Tumors. <i>Cancer Research</i> , 2009, 69, 7747-7755.	0.4	120
133	Genomic and immune heterogeneity are associated with differential responses to therapy in melanoma. <i>Npj Genomic Medicine</i> , 2017, 2, .	1.7	120
134	Murine Ia and human DR antigens: homology of amino-terminal sequences.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1978, 75, 3953-3956.	3.3	119
135	Cytotoxic T lymphocyte antigen-4 (CTLA-4) regulates primary and secondary peptide-specific CD4+ T cell responses. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1999, 96, 8603-8608.	3.3	119
136	B7 Expression on T Cells Down-Regulates Immune Responses through CTLA-4 Ligation via R-T Interactions. <i>Journal of Immunology</i> , 2004, 172, 34-39.	0.4	118
137	Two Distinct Mechanisms of Augmented Antitumor Activity by Modulation of Immunostimulatory/Inhibitory Signals. <i>Clinical Cancer Research</i> , 2010, 16, 2781-2791.	3.2	118
138	CTLA-4 blockade in combination with xenogeneic DNA vaccines enhances T-cell responses, tumor immunity and autoimmunity to self antigens in animal and cellular model systems. <i>Vaccine</i> , 2004, 22, 1700-1708.	1.7	116
139	Interleukin-6 blockade abrogates immunotherapy toxicity and promotes tumor immunity. <i>Cancer Cell</i> , 2022, 40, 509-523.e6.	7.7	115
140	CTLA-4 Overexpression Inhibits T Cell Responses through a CD28-B7-Dependent Mechanism. <i>Journal of Immunology</i> , 2006, 177, 1052-1061.	0.4	112
141	Intratumoral modulation of the inducible co-stimulator ICOS by recombinant oncolytic virus promotes systemic anti-tumour immunity. <i>Nature Communications</i> , 2017, 8, 14340.	5.8	110
142	T Cell Surveillance of Oncogene-Induced Prostate Cancer Is Impeded by T Cell-Derived TGF- β 1 Cytokine. <i>Immunity</i> , 2011, 35, 123-134.	6.6	109
143	Enhancement of Tumor-Reactive Cytotoxic CD4+ T-cell Responses after Ipilimumab Treatment in Four Advanced Melanoma Patients. <i>Cancer Immunology Research</i> , 2013, 1, 235-244.	1.6	109
144	Neoantigen responses, immune correlates, and favorable outcomes after ipilimumab treatment of patients with prostate cancer. <i>Science Translational Medicine</i> , 2020, 12, .	5.8	108

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145	HSP90 inhibition enhances cancer immunotherapy by upregulating interferon response genes. <i>Nature Communications</i> , 2017, 8, 451.	5.8	107
146	Recognition of a Ubiquitous Self Antigen by Prostate Cancer-Infiltrating CD8 ⁺ T Lymphocytes. <i>Science</i> , 2008, 319, 215-220.	6.0	103
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