Ignacio Melero Bermejo

List of Publications by Year
in descending order

403 papers	35,242 citations	3159 92 h-index	4548 171 g-index
419 all docs	419 docs citations	419 times ranked	36593 citing authors

#	Article	IF	Citations
1	Nivolumab in patients with advanced hepatocellular carcinoma (CheckMate 040): an open-label, non-comparative, phase 1/2 dose escalation and expansion trial. Lancet, The, 2017, 389, 2492-2502.	13.7	3,224
2	Dendritic cells in cancer immunology and immunotherapy. Nature Reviews Immunology, 2020, 20, 7-24.	22.7	1,401
3	Monoclonal antibodies against the 4-1BB T-cell activation molecule eradicate established tumors. Nature Medicine, 1997, 3, 682-685.	30.7	830
4	A clinical trial of CTLA-4 blockade with tremelimumab in patients with hepatocellular carcinoma and chronic hepatitis C. Journal of Hepatology, 2013, 59, 81-88.	3.7	816
5	Efficacy and Safety of Nivolumab Plus Ipilimumab in Patients With Advanced Hepatocellular Carcinoma Previously Treated With Sorafenib. JAMA Oncology, 2020, 6, e204564.	7.1	746
6	Cytokines in clinical cancer immunotherapy. British Journal of Cancer, 2019, 120, 6-15.	6.4	720
7	Therapeutic vaccines for cancer: an overview of clinical trials. Nature Reviews Clinical Oncology, 2014, 11, 509-524.	27.6	636
8	Advances in immunotherapy for hepatocellular carcinoma. Nature Reviews Gastroenterology and Hepatology, 2021, 18, 525-543.	17.8	609
9	Evolving synergistic combinations of targeted immunotherapies to combat cancer. Nature Reviews Cancer, 2015, 15, 457-472.	28.4	576
10	Immunostimulatory monoclonal antibodies for cancer therapy. Nature Reviews Cancer, 2007, 7, 95-106.	28.4	564
11	Fibrinogen-like Protein 1 Is a Major Immune Inhibitory Ligand of LAG-3. Cell, 2019, 176, 334-347.e12.	28.9	553
12	Nivolumab versus sorafenib in advanced hepatocellular carcinoma (CheckMate 459): a randomised, multicentre, open-label, phase 3 trial. Lancet Oncology, The, 2022, 23, 77-90.	10.7	526
13	Impaired HLA Class I Antigen Processing and Presentation as a Mechanism of Acquired Resistance to Immune Checkpoint Inhibitors in Lung Cancer. Cancer Discovery, 2017, 7, 1420-1435.	9.4	507
14	Immunological landscape and immunotherapy of hepatocellular carcinoma. Nature Reviews Gastroenterology and Hepatology, 2015, 12, 681-700.	17.8	478
15	Neoadjuvant nivolumab modifies the tumor immune microenvironment in resectable glioblastoma. Nature Medicine, 2019, 25, 470-476.	30.7	459
16	Immunotherapy in Nonâ€“Small Cell Lung Cancer: Facts and Hopes. Clinical Cancer Research, 2019, 25, 4592-4602.	7.0	447
17	Classification of current anticancer immunotherapies. Oncotarget, 2014, 5, 12472-12508.	1.8	395
18	Direct Effects of Type I Interferons on Cells of the Immune System. Clinical Cancer Research, 2011, 17, 2619-2627.	7.0	390

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19	CXCR1 and CXCR2 Chemokine Receptor Agonists Produced by Tumors Induce Neutrophil Extracellular Traps that Interfere with Immune Cytotoxicity. Immunity, 2020, 52, 856-871.e8.	14.3	387
20	T-Cell and NK-Cell Infiltration into Solid Tumors: A Key Limiting Factor for Efficacious Cancer Immunotherapy. Cancer Discovery, 2014, 4, 522-526.	9.4	357
21	Cancer Immunotherapy with Immunomodulatory Anti-CD137 and Antiâ€“PD-1 Monoclonal Antibodies Requires BATF3-Dependent Dendritic Cells. Cancer Discovery, 2016, 6, 71-79.	9.4	356
22	Immunotherapy targeting 4-1BB: mechanistic rationale, clinical results, and future strategies. Blood, 2018, 131, 49-57.	1.4	336
23	NK1.1 Cells Express 4-1BB (CDw137) Costimulatory Molecule and Are Required for Tumor Immunity Elicited by Anti-4-1BB Monoclonal Antibodies. Cellular Immunology, 1998, 190, 167-172.	3.0	335
24	Changes in serum interleukin-8 (IL-8) levels reflect and predict response to anti-PD-1 treatment in melanoma and non-small-cell lung cancer patients. Annals of Oncology, 2017, 28, 1988-1995.	1.2	326
25	Prophylactic TNF blockade uncouples efficacy and toxicity in dual CTLA-4 and PD-1 immunotherapy. Nature, 2019, 569, 428-432.	27.8	313
26	Immunological Mechanisms Responsible for Radiation-Induced Abscopal Effect. Trends in Immunology, 2018, 39, 644-655.	6.8	312
27	Tumor-Produced Interleukin-8 Attracts Human Myeloid-Derived Suppressor Cells and Elicits Extrusion of Neutrophil Extracellular Traps (NETs). Clinical Cancer Research, 2016, 22, 3924-3936.	7.0	306
28	Elevated serum interleukin-8 is associated with enhanced intratumor neutrophils and reduced clinical benefit of immune-checkpoint inhibitors. Nature Medicine, 2020, 26, 688-692.	30.7	296
29	Phase I Trial of Intratumoral Injection of an Adenovirus Encoding Interleukin-12 for Advanced Digestive Tumors. Journal of Clinical Oncology, 2004, 22, 1389-1397.	1.6	295
30	Results from an Integrated Safety Analysis of Urelumab, an Agonist Anti-CD137 Monoclonal Antibody. Clinical Cancer Research, 2017, 23, 1929-1936.	7.0	290
31	Interleukin-8 in cancer pathogenesis, treatment and follow-up. Cancer Treatment Reviews, 2017, 60, 24-31.	7.7	262
32	Clinical Experiences With Anti-CD137 and Anti-PD1 Therapeutic Antibodies. Seminars in Oncology, 2010, 37, 508-516.	2.2	256
33	Association of inflammatory biomarkers with clinical outcomes in nivolumab-treated patients with advanced hepatocellular carcinoma. Journal of Hepatology, 2020, 73, 1460-1469.	3.7	254
34	Emerging Opportunities and Challenges in Cancer Immunotherapy. Clinical Cancer Research, 2016, 22, 1845-1855.	7.0	242
35	Enhanced anti-tumour immunity requires the interplay between resident and circulating memory CD8+ T cells. Nature Communications, 2017, 8, 16073.	12.8	222
36	Growth/Differentiation Factor-15 (GDF-15): From Biomarker to Novel Targetable Immune Checkpoint. Frontiers in Immunology, 2020, 11, 951.	4.8	221

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37	Immunological impact of cell death signaling driven by radiation on the tumor microenvironment. Nature Immunology, 2020, 21, 120-134.	14.5	218
38	Expression Analysis and Significance of PD-1, LAG-3, and TIM-3 in Human Nonâ€"Small Cell Lung Cancer Using Spatially Resolved and Multiparametric Single-Cell Analysis. Clinical Cancer Research, 2019, 25, 4663-4673.	7.0	210
39	Intratumoural administration and tumour tissue targeting of cancer immunotherapies. Nature Reviews Clinical Oncology, 2021, 18, 558-576.	27.6	202
40	Serum Interleukin-8 Reflects Tumor Burden and Treatment Response across Malignancies of Multiple Tissue Origins. Clinical Cancer Research, 2014, 20, 5697-5707.	7.0	200
41	Paradigms on Immunotherapy Combinations with Chemotherapy. Cancer Discovery, 2021, 11, 1353-1367.	9.4	197
42	Amplification of tumor immunity by gene transfer of the co-stimulatory 4-1BB ligand: synergy with the CD28 co-stimulatory pathway. European Journal of Immunology, 1998, 28, 1116-1121.	2.9	194
43	Immunotherapy of Hepatocellular Carcinoma: Facts and Hopes. Clinical Cancer Research, 2018, 24, 1518-1524.	7.0	194
44	Abscopal Effects of Radiotherapy Are Enhanced by Combined Immunostimulatory mAbs and Are Dependent on CD8 T Cells and Crosspriming. Cancer Research, 2016, 76, 5994-6005.	0.9	191
45	Initial efficacy of anti-lymphocyte activation gene-3 (antiâ€"LAG-3; BMS-986016) in combination with nivolumab (nivo) in pts with melanoma (MEL) previously treated with antiâ€"PD-1/PD-L1 therapy.. Journal of Clinical Oncology, 2017, 35, 9520-9520.	1.6	188
46	CD4+/CD25+ Regulatory Cells Inhibit Activation of Tumor-Primed CD4+ T Cells with IFN-Î³-Dependent Antiangiogenic Activity, as well as Long-Lasting Tumor Immunity Elicited by Peptide Vaccination. Journal of Immunology, 2003, 171, 5931-5939.	0.8	186
47	Radiation effects on antitumor immune responses: current perspectives and challenges. Therapeutic Advances in Medical Oncology, 2018, 10, 175883401774257.	3.2	185
48	Influence of bevacizumab, sunitinib and sorafenib as single agents or in combination on the inhibitory effects of VEGF on human dendritic cell differentiation from monocytes. British Journal of Cancer, 2009, 100, 1111-1119.	6.4	183
49	Molecular Pathways: Hypoxia Response in Immune Cells Fighting or Promoting Cancer. Clinical Cancer Research, 2012, 18, 1207-1213.	7.0	182
50	Agonists of Co-stimulation in Cancer Immunotherapy Directed Against CD137, OX40, GITR, CD27, CD28, and ICOS. Seminars in Oncology, 2015, 42, 640-655.	2.2	179
51	Nivolumab (NIVO) + ipilimumab (IPI) combination therapy in patients (pts) with advanced hepatocellular carcinoma (aHCC): Results from CheckMate 040.. Journal of Clinical Oncology, 2019, 37, 4012-4012.	1.6	178
52	Intratumoral Delivery of Immunotherapyâ€"Act Locally, Think Globally. Journal of Immunology, 2017, 198, 31-39.	0.8	171
53	An RNA toolbox for cancer immunotherapy. Nature Reviews Drug Discovery, 2018, 17, 751-767.	46.4	171
54	Intratumoral Injection of Dendritic Cells Engineered to Secrete Interleukin-12 by Recombinant Adenovirus in Patients With Metastatic Gastrointestinal Carcinomas. Journal of Clinical Oncology, 2005, 23, 999-1010.	1.6	170

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55	PD-L1/PD-1 presence in the tumor microenvironment and activity of PD-1 blockade in multiple myeloma. Leukemia, 2015, 29, 2110-2113.	7.2	170
56	Antigen cross-presentation and T-cell cross-priming in cancer immunology and immunotherapy. Annals of Oncology, 2017, 28, xii44-xii55.	1.2	170
57	Predictors of responses to immune checkpoint blockade in advanced melanoma. Nature Communications, 2017, 8, 592.	12.8	166
58	Intratumoral Coinjection of Two Adenoviruses, One Encoding the Chemokine IFN-Î³-Inducible Protein-10 and Another Encoding IL-12, Results in Marked Antitumoral Synergy. Journal of Immunology, 2000, 164, 3112-3122.	0.8	162
59	Clinical Development of Immunostimulatory Monoclonal Antibodies and Opportunities for Combination. Clinical Cancer Research, 2013, 19, 997-1008.	7.0	161
60	Antibodyâ€dependent cell cytotoxicity: immunotherapy strategies enhancing effector NK cells. Immunology and Cell Biology, 2017, 95, 347-355.	2.3	160
61	Targeting NK-cell checkpoints for cancer immunotherapy. Current Opinion in Immunology, 2017, 45, 73-81.	5.5	158
62	The HIF-1Î± Hypoxia Response in Tumor-Infiltrating T Lymphocytes Induces Functional CD137 (4-1BB) for Immunotherapy. Cancer Discovery, 2012, 2, 608-623.	9.4	156
63	Clinical Benefit Associated With Idiotypic Vaccination in Patients With Follicular Lymphoma. Journal of the National Cancer Institute, 2006, 98, 1292-1301.	6.3	155
64	Agonist Antibodies to TNFR Molecules That Costimulate T and NK Cells. Clinical Cancer Research, 2013, 19, 1044-1053.	7.0	154
65	Defining the optimal murine models to investigate immune checkpoint blockers and their combination with other immunotherapies. Annals of Oncology, 2016, 27, 1190-1198.	1.2	153
66	Starting the fight in the tumor: expert recommendations for the development of human intratumoral immunotherapy (HIT-IT). Annals of Oncology, 2018, 29, 2163-2174.	1.2	145
67	Gene therapy of orthotopic hepatocellular carcinoma in rats using adenovirus coding for interleukin 12. Hepatology, 2001, 33, 52-61.	7.3	139
68	Defining the critical hurdles in cancer immunotherapy. Journal of Translational Medicine, 2011, 9, 214.	4.4	139
69	Agonist Anti-CD137 mAb Act on Tumor Endothelial Cells to Enhance Recruitment of Activated T Lymphocytes. Cancer Research, 2011, 71, 801-811.	0.9	137
70	Nivolumab and Urelumab Enhance Antitumor Activity of Human T Lymphocytes Engrafted in Rag2â^'/â^'IL2RÎ³null Immunodeficient Mice. Cancer Research, 2015, 75, 3466-3478.	0.9	137
71	Structure and function of the CD94 C-type lectin receptor complex involved in recognition of HLA class I molecules. Immunological Reviews, 1997, 155, 165-174.	6.0	130
72	Low Surface Expression of B7-1 (CD80) Is an Immunoescape Mechanism of Colon Carcinoma. Cancer Research, 2006, 66, 2442-2450.	0.9	129

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73	The clinical application of cancer immunotherapy based on naturally circulating dendritic cells. , 2019, 7, 109.		129
74	Phase Ia and Ib studies of the novel carcinoembryonic antigen (CEA) T-cell bispecific (CEA CD3 TCB) antibody as a single agent and in combination with atezolizumab: Preliminary efficacy and safety in patients with metastatic colorectal cancer (mCRC).. Journal of Clinical Oncology, 2017, 35, 3002-3002.	1.6	129
75	Hepatitis C Virus Structural Proteins Impair Dendritic Cell Maturation and Inhibit In Vivo Induction of Cellular Immune Responses. Journal of Virology, 2003, 77, 10862-10871.	3.4	127
76	CheckMate 040 cohort 5: A phase I/II study of nivolumab in patients with advanced hepatocellular carcinoma and Child-Pugh B cirrhosis. Journal of Hepatology, 2021, 75, 600-609.	3.7	127
77	Cancer Treatment with Anti-PD-1/PD-L1 Agents: Is PD-L1 Expression a Biomarker for Patient Selection?. Drugs, 2016, 76, 925-945.	10.9	123
78	Intratumoral injection of bone-marrow derived dendritic cells engineered to produce interleukin-12 induces complete regression of established murine transplantable colon adenocarcinomas. Gene Therapy, 1999, 6, 1779-1784.	4.5	122
79	Immune Response Regulation in the Tumor Microenvironment by Hypoxia. Seminars in Oncology, 2015, 42, 378-386.	2.2	121
80	ILâ€10 suppressor activity and <i>ex vivo</i> Tr1 cell function are impaired in multiple sclerosis. European Journal of Immunology, 2008, 38, 576-586.	2.9	120
81	Consensus nomenclature for CD8⁺T cell phenotypes in cancer. OncoImmunology, 2015, 4, e998538.	4.6	119
82	A tumor-targeted trimeric 4-1BB-agonistic antibody induces potent anti-tumor immunity without systemic toxicity. Nature Communications, 2018, 9, 4809.	12.8	116
83	The CD94/NKG2-A inhibitory receptor complex is involved in natural killer cell-mediated recognition of cells expressing HLA-G1. Journal of Immunology, 1997, 158, 5736-43.	0.8	116
84	Dendritic cells delivered inside human carcinomas are sequestered by interleukin-8. International Journal of Cancer, 2005, 116, 275-281.	5.1	112
85	Orchestrating immune check-point blockade for cancer immunotherapy in combinations. Current Opinion in Immunology, 2014, 27, 89-97.	5.5	111
86	IL8, Neutrophils, and NETs in a Collusion against Cancer Immunity and Immunotherapy. Clinical Cancer Research, 2021, 27, 2383-2393.	7.0	108
87	Treatment with anti-CD137 mAbs causes intense accumulations of liver T cells without selective antitumor immunotherapeutic effects in this organ. Cancer Immunology, Immunotherapy, 2010, 59, 1223-1233.	4.2	107
88	Combined immunotherapy encompassing intratumoral poly-ICLC, dendritic-cell vaccination and radiotherapy in advanced cancer patients. Annals of Oncology, 2018, 29, 1312-1319.	1.2	106
89	Deciphering CD137 (4â€1BB) signaling in Tâ€cell costimulation for translation into successful cancer immunotherapy. European Journal of Immunology, 2016, 46, 513-522.	2.9	104
90	Innate immune mediators in cancer: between defense and resistance. Immunological Reviews, 2016, 274, 290-306.	6.0	104

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91	Imiquimod Enhances the Systemic Immunity Attained by Local Cryosurgery Destruction of Melanoma Lesions. Journal of Investigative Dermatology, 2007, 127, 1673-1680.	0.7	103
92	Cancer immunotherapy resistance based on immune checkpoints inhibitors: Targets, biomarkers, and remedies. Drug Resistance Updates, 2020, 53, 100718.	14.4	103
93	Multi-layered action mechanisms of CD137 (4-1BB)-targeted immunotherapies. Trends in Pharmacological Sciences, 2008, 29, 383-390.	8.7	100
94	Phase I/II safety and antitumor activity of nivolumab in patients with advanced hepatocellular carcinoma (HCC): CA209-040.. Journal of Clinical Oncology, 2015, 33, LBA101-LBA101.	1.6	100
95	Intratumor Adoptive Transfer of IL-12 mRNA Transiently Engineered Antitumor CD8+ T Cells. Cancer Cell, 2019, 36, 613-629.e7.	16.8	99
96	PD-L1 expression as a potential predictive biomarker. Lancet Oncology, The, 2015, 16, 1285-1287.	10.7	98
97	T Cell Migration from Inflamed Skin to Draining Lymph Nodes Requires Intralymphatic Crawling Supported by ICAM-1/LFA-1 Interactions. Cell Reports, 2017, 18, 857-865.	6.4	96
98	Identification of LZTFL1 as a candidate effector gene at a COVID-19 risk locus. Nature Genetics, 2021, 53, 1606-1615.	21.4	93
99	Functional ambivalence of the Kp43 (CD94) NK cell-associated surface antigen. Journal of Immunology, 1995, 154, 5779-88.	0.8	93
100	Combined Immunostimulatory Monoclonal Antibodies Extend Survival in an Aggressive Transgenic Hepatocellular Carcinoma Mouse Model. Clinical Cancer Research, 2013, 19, 6151-6162.	7.0	92
101	Focusing and sustaining the antitumor CTL effector killer response by agonist anti-CD137 mAb. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 7551-7556.	7.1	92
102	Immunotherapeutic effects of intratumoral nanoplexed poly I:C. , 2019, 7, 116.		91
103	Effective cancer immunotherapy by natural mouse conventional type-1 dendritic cells bearing dead tumor antigen. , 2019, 7, 100.		89
104	Virotherapy with a Semliki Forest Virusâ€"Based Vector Encoding IL12 Synergizes with PD-1/PD-L1 Blockade. Cancer Immunology Research, 2015, 3, 449-454.	3.4	88
105	CD137 (4-1BB) Signalosome: Complexity Is a Matter of TRAFs. Frontiers in Immunology, 2018, 9, 2618.	4.8	86
106	A Burned-Out CD8+ T-cell Subset Expands in the Tumor Microenvironment and Curbs Cancer Immunotherapy. Cancer Discovery, 2021, 11, 1700-1715.	9.4	86
107	Gene Therapy of Cancer Based on Interleukin 12. Current Gene Therapy, 2005, 5, 573-581.	2.0	85
108	Genetic Basis for Clinical Response to CTLA-4 Blockade. New England Journal of Medicine, 2015, 372, 783-783.	27.0	85

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109	Strategies to design clinical studies to identify predictive biomarkers in cancer research. Cancer Treatment Reviews, 2017, 53, 79-97.	7.7	80
110	New emerging targets in cancer immunotherapy: CD137/4-1BB costimulatory axis. ESMO Open, 2019, 4, e000733.	4.5	80
111	Checkmate-040: Nivolumab (NIVO) in patients (pts) with advanced hepatocellular carcinoma (aHCC) and Child-Pugh B (CPB) status.. Journal of Clinical Oncology, 2019, 37, 327-327.	1.6	80
112	Therapeutic Antitumor Efficacy of Anti-CD137 Agonistic Monoclonal Antibody in Mouse Models of Myeloma. Clinical Cancer Research, 2008, 14, 6895-6906.	7.0	79
113	Identification of TNF-Î± and MMP-9 as potential baseline predictive serum markers of sunitinib activity in patients with renal cell carcinoma using a human cytokine array. British Journal of Cancer, 2009, 101, 1876-1883.	6.4	79
114	Immunization with a tumor-associated CTL epitope plus a tumor-related or unrelated Th1 helper peptide elicits protective CTL immunity. European Journal of Immunology, 2001, 31, 1780-1789.	2.9	77
115	Nivolumab (nivo) in sorafenib (sor)-naive and -experienced pts with advanced hepatocellular carcinoma (HCC): CheckMate 040 study.. Journal of Clinical Oncology, 2017, 35, 4013-4013.	1.6	76
116	Immunological ignorance of an E7-encoded cytolytic T-lymphocyte epitope in transgenic mice expressing the E7 and E6 oncogenes of human papillomavirus type 16. Journal of Virology, 1997, 71, 3998-4004.	3.4	74
117	IL-12 gene therapy for cancer: in synergy with other immunotherapies. Trends in Immunology, 2001, 22, 113-115.	6.8	73
118	Revisiting Interleukin-12 as a Cancer Immunotherapy Agent. Clinical Cancer Research, 2018, 24, 2716-2718.	7.0	69
119	Safety and Tolerability of Immune Checkpoint Inhibitors (PD-1 and PD-L1) in Cancer. Drug Safety, 2019, 42, 281-294.	3.2	69
120	TGFÎ² Blockade Enhances Radiotherapy Abscopal Efficacy Effects in Combination with Anti-PD1 and Anti-CD137 Immunostimulatory Monoclonal Antibodies. Molecular Cancer Therapeutics, 2019, 18, 621-631.	4.1	68
121	Immunodynamics: a cancer immunotherapy trials network review of immune monitoring in immuno-oncology clinical trials. , 2016, 4, 15.		67
122	Improving efficacy of interleukin-12-transfected dendritic cells injected into murine colon cancer with anti-CD137 monoclonal antibodies and alloantigens. International Journal of Cancer, 2004, 110, 51-60.	5.1	65
123	Gene Therapy of Cancer with Interleukin-12. Current Pharmaceutical Design, 2003, 9, 1981-1991.	1.9	63
124	The NKB1 and HP-3E4 NK cells receptors are structurally distinct glycoproteins and independently recognize polymorphic HLA-B and HLA-C molecules. Journal of Immunology, 1995, 154, 3320-7.	0.8	63
125	Bone-marrow-derived cell differentiation into microglia: A study in a progressive mouse model of Parkinson's disease. Neurobiology of Disease, 2007, 28, 316-325.	4.4	62
126	Mitochondrial Morphological and Functional Reprogramming Following CD137 (4-1BB) Costimulation. Cancer Immunology Research, 2018, 6, 798-811.	3.4	62

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127	Effects of IFNâ€Î± as a signalâ€3 cytokine on human naÃ¯ve and antigenâ€experienced CD8⁺ T cells. European Journal of Immunology, 2010, 40, 3389-3402.	2.9	61
128	Cellular cytotoxicity is a form of immunogenic cell death. , 2020, 8, e000325.		61
129	Intratumoral Immunotherapy with XCL1 and sFlt3L Encoded in Recombinant Semliki Forest Virusâ€"Derived Vectors Fosters Dendritic Cellâ€"Mediated T-cell Cross-Priming. Cancer Research, 2018, 78, 6643-6654.	0.9	60
130	Pilot Clinical Trial of Type 1 Dendritic Cells Loaded with Autologous Tumor Lysates Combined with GM-CSF, Pegylated IFN, and Cyclophosphamide for Metastatic Cancer Patients. Journal of Immunology, 2011, 187, 6130-6142.	0.8	59
131	Transient and intensive pharmacological immunosuppression fails to improve AAV-based liver gene transfer in non-human primates. Journal of Translational Medicine, 2012, 10, 122.	4.4	58
132	SimB16: Modeling Induced Immune System Response against B16-Melanoma. PLoS ONE, 2011, 6, e26523.	2.5	56
133	T Cell Costimulation with Anti-CD137 Monoclonal Antibodies Is Mediated by K63â€"Polyubiquitin-Dependent Signals from Endosomes. Journal of Immunology, 2013, 190, 6694-6706.	0.8	56
134	Immunotherapeutic Synergy Between Anti-CD137 mAb and Intratumoral Administration of a Cytopathic Semliki Forest Virus Encoding IL-12. Molecular Therapy, 2012, 20, 1664-1675.	8.2	55
135	Intercellular Adhesion Molecule-1 and Vascular Cell Adhesion Molecule Are Induced by Ionizing Radiation on Lymphatic Endothelium. International Journal of Radiation Oncology Biology Physics, 2017, 97, 389-400.	0.8	55
136	Adenoviral Gene Transfer of Interleukin 12 into Tumors Synergizes with Adoptive T Cell Therapy Both at the Induction and Effector Level. Human Gene Therapy, 2000, 11, 113-125.	2.7	54
137	Hypoxia-induced soluble CD137 in malignant cells blocks CD137L-costimulation as an immune escape mechanism. OncoImmunology, 2016, 5, e1062967.	4.6	52
138	Immune mechanisms mediating abscopal effects in radioimmunotherapy. , 2019, 196, 195-203.		52
139	Immunotherapy for neurological diseases. Clinical Immunology, 2008, 128, 294-305.	3.2	51
140	Intratumoral nanoplexed poly I:C BO-112 in combination with systemic antiâ€"PD-1 for patients with antiâ€"PD-1â€"refractory tumors. Science Translational Medicine, 2020, 12, .	12.4	51
141	Anti-PD1 associated fulminant myocarditis after a single pembrolizumab dose: the role of occult pre-existing autoimmunity. Haematologica, 2018, 103, e318-e321.	3.5	50
142	Genetic heterogeneity in the toxicity to systemic adenoviral gene transfer of interleukin-12. Gene Therapy, 2001, 8, 259-267.	4.5	49
143	Dendritic cells adhere to and transmigrate across lymphatic endothelium in response to IFNâ€Î±. European Journal of Immunology, 2010, 40, 3054-3063.	2.9	49
144	Heterogenous presence of neutrophil extracellular traps in human solid tumours is partially dependent on <scp>IL</scp>â€8. Journal of Pathology, 2021, 255, 190-201.	4.5	49

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145	Tyrosine kinase-dependent activation of human NK cell functions upon stimulation through a 58-kDa surface antigen selectively expressed on discrete subsets of NK cells and T lymphocytes. Journal of Immunology, 1994, 152, 1662-73.	0.8	49
146	Lymphatic Endothelium Forms Integrin-Engaging 3D Structures during DC Transit across Inflamed Lymphatic Vessels. Journal of Investigative Dermatology, 2013, 133, 2276-2285.	0.7	48
147	Successful Immunotherapy against a Transplantable Mouse Squamous Lung Carcinoma with Antiâ€“PD-1 and Anti-CD137 Monoclonal Antibodies. Journal of Thoracic Oncology, 2016, 11, 524-536.	1.1	48
148	Metabolic Consequences of T-cell Costimulation in Anticancer Immunity. Cancer Immunology Research, 2019, 7, 1564-1569.	3.4	48
149	OX40 Agonist BMS-986178 Alone or in Combination With Nivolumab and/or Ipilimumab in Patients With Advanced Solid Tumors. Clinical Cancer Research, 2021, 27, 460-472.	7.0	48
150	<i>In vivo</i> depletion of DC impairs the antiâ€tumor effect of agonistic antiâ€CD137 mAb. European Journal of Immunology, 2009, 39, 2424-2436.	2.9	47
151	Signaling through the LFA-1 leucocyte integrin actively regulates intercellular adhesion and tumor necrosis factor-Î± production in natural killer cells. European Journal of Immunology, 1993, 23, 1859-1865.	2.9	46
152	Feeding dendritic cells with tumor antigens: self-service buffet or Ã la carte?. Gene Therapy, 2000, 7, 1167-1170.	4.5	45
153	CD137 on inflamed lymphatic endothelial cells enhances CCL21â€guided migration of dendritic cells. FASEB Journal, 2012, 26, 3380-3392.	0.5	45
154	A Network Analysis of the Human T-Cell Activation Gene Network Identifies Jagged1 as a Therapeutic Target for Autoimmune Diseases. PLoS ONE, 2007, 2, e1222.	2.5	44
155	Antitumor Immunotherapeutic and Toxic Properties of an HDL-Conjugated Chimeric IL-15 Fusion Protein. Cancer Research, 2013, 73, 139-149.	0.9	44
156	Society for Immunotherapy of Cancer (SITC) clinical practice guideline on immunotherapy for the treatment of hepatocellular carcinoma. , 2021, 9, e002794.		43
157	Lysine 63 Polyubiquitination in Immunotherapy and in Cancer-promoting Inflammation. Clinical Cancer Research, 2009, 15, 6751-6757.	7.0	42
158	Costimulation, tolerance and ignorance of cytolytic T lymphocytes in immune responses to tumor antigens. Life Sciences, 1997, 60, 2035-2041.	4.3	41
159	Making the Most of Cancer Surgery with Neoadjuvant Immunotherapy. Cancer Discovery, 2016, 6, 1312-1314.	9.4	41
160	Biochemical and serologic evidence for the existence of functionally distinct forms of the CD94 NK cell receptor. Journal of Immunology, 1996, 157, 5367-74.	0.8	41
161	A randomized phase II clinical trial of dendritic cell vaccination following complete resection of colon cancer liver metastasis. , 2018, 6, 96.		40
162	B7-H3 Promotes Pathogenesis of Autoimmune Disease and Inflammation by Regulating the Activity of Different T Cell Subsets. PLoS ONE, 2015, 10, e0130126.	2.5	40

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163	Clinical implications of antigen transfer mechanisms from malignant to dendritic cells Exploiting cross-priming. Experimental Hematology, 2002, 30, 1355-1364.	0.4	39
164	Intratumoral injection of interferonâ€Î± and systemic delivery of agonist antiâ€CD137 monoclonal antibodies synergize for immunotherapy. International Journal of Cancer, 2011, 128, 105-118.	5.1	39
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