Sjoerd H Van Der Burg

List of Publications by Year
in descending order

292 papers	23,732 citations	7096 78 h-index	9861 141 g-index
301 all docs	301 docs citations	301 times ranked	24212 citing authors

#	Article	IF	Citations
1	Vaccination against HPV-16 Oncoproteins for Vulvar Intraepithelial Neoplasia. New England Journal of Medicine, 2009, 361, 1838-1847.	27.0	970
2	Therapeutic cancer vaccines. Journal of Clinical Investigation, 2015, 125, 3401-3412.	8.2	640
3	Actively personalized vaccination trial for newly diagnosed glioblastoma. Nature, 2019, 565, 240-245.	27.8	637
4	Therapeutic cancer vaccines. Nature Reviews Cancer, 2021, 21, 360-378.	28.4	630
5	High-throughput epitope discovery reveals frequent recognition of neo-antigens by CD4+ T cells in human melanoma. Nature Medicine, 2015, 21, 81-85.	30.7	594
6	Vaccines for established cancer: overcoming the challenges posed by immune evasion. Nature Reviews Cancer, 2016, 16, 219-233.	28.4	580
7	A key role for mitochondrial gatekeeper pyruvate dehydrogenase in oncogene-induced senescence. Nature, 2013, 498, 109-112.	27.8	517
8	Immunotherapy of established (pre)malignant disease by synthetic long peptide vaccines. Nature Reviews Cancer, 2008, 8, 351-360.	28.4	508
9	Classification of current anticancer immunotherapies. Oncotarget, 2014, 5, 12472-12508.	1.8	395
10	Neoantigen landscape dynamics during human melanomaâ€“T cell interactions. Nature, 2016, 536, 91-95.	27.8	387
11	Established Human Papillomavirus Type 16-Expressing Tumors Are Effectively Eradicated Following Vaccination with Long Peptides. Journal of Immunology, 2002, 169, 350-358.	0.8	386
12	Identification and manipulation of tumor associated macrophages in human cancers. Journal of Translational Medicine, 2011, 9, 216.	4.4	370
13	High Number of Intraepithelial CD8+ Tumor-Infiltrating Lymphocytes Is Associated with the Absence of Lymph Node Metastases in Patients with Large Early-Stage Cervical Cancer. Cancer Research, 2007, 67, 354-361.	0.9	369
14	Induction of Tumor-Specific CD4+ and CD8+ T-Cell Immunity in Cervical Cancer Patients by a Human Papillomavirus Type 16 E6 and E7 Long Peptides Vaccine. Clinical Cancer Research, 2008, 14, 178-187.	7.0	346
15	Combining Immune Checkpoint Blockade and Tumor-Specific Vaccine for Patients With Incurable Human Papillomavirus 16â€“Related Cancer. JAMA Oncology, 2019, 5, 67.	7.1	344
16	M2 Macrophages Induced by Prostaglandin E2 and IL-6 from Cervical Carcinoma Are Switched to Activated M1 Macrophages by CD4+ Th1 Cells. Journal of Immunology, 2011, 187, 1157-1165.	0.8	334
17	Antiâ€“CTLA-4 therapy broadens the melanoma-reactive CD8 ⁺ T cell response. Science Translational Medicine, 2014, 6, 254ra128.	12.4	325
18	Phase I Immunotherapeutic Trial with Long Peptides Spanning the E6 and E7 Sequences of High-Risk Human Papillomavirus 16 in End-Stage Cervical Cancer Patients Shows Low Toxicity and Robust Immunogenicity. Clinical Cancer Research, 2008, 14, 169-177.	7.0	286

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19	Chemotherapy Alters Monocyte Differentiation to Favor Generation of Cancer-Supporting M2 Macrophages in the Tumor Microenvironment. Cancer Research, 2013, 73, 2480-2492.	0.9	285
20	Human Papillomavirus Type 16-Positive Cervical Cancer Is Associated with Impaired CD4+ T-Cell Immunity against Early Antigens E2 and E6. Cancer Research, 2004, 64, 5449-5455.	0.9	277
21	In vitro induction of human cytotoxic T lymphocyte responses against peptides of mutant and wildâ€type p53. European Journal of Immunology, 1993, 23, 2072-2077.	2.9	246
22	NKG2A Blockade Potentiates CD8ÂT Cell Immunity Induced by Cancer Vaccines. Cell, 2018, 175, 1744-1755.e15.	28.9	241
23	CD40-targeted dendritic cell delivery of PLGA-nanoparticle vaccines induce potent anti-tumor responses. Biomaterials, 2015, 40, 88-97.	11.4	235
24	Tumor-Expressed B7-H1 and B7-DC in Relation to PD-1+ T-Cell Infiltration and Survival of Patients with Cervical Carcinoma. Clinical Cancer Research, 2009, 15, 6341-6347.	7.0	230
25	CD8+ CTL Priming by Exact Peptide Epitopes in Incomplete Freundâ€™s Adjuvant Induces a Vanishing CTL Response, whereas Long Peptides Induce Sustained CTL Reactivity. Journal of Immunology, 2007, 179, 5033-5040.	0.8	221
26	Success or failure of vaccination for HPV16-positive vulvar lesions correlates with kinetics and phenotype of induced T-cell responses. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 11895-11899.	7.1	215
27	Human Leukocyte Antigen Class I, MHC Class I Chain-Related Molecule A, and CD8+/Regulatory T-Cell Ratio: Which Variable Determines Survival of Cervical Cancer Patients?. Clinical Cancer Research, 2008, 14, 2028-2035.	7.0	210
28	Association of cervical cancer with the presence of CD4⁺regulatory T cells specific for human papillomavirus antigens. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 12087-12092.	7.1	201
29	Identification of peptide sequences that potentially trigger HLA-A2.1-restricted cytotoxic T lymphocytes. European Journal of Immunology, 1993, 23, 1215-1219.	2.9	185
30	Monalizumab: inhibiting the novel immune checkpoint NKG2A. , 2019, 7, 263.		182
31	HLA-E expression by gynecological cancers restrains tumor-infiltrating CD8⁺T lymphocytes. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 10656-10661.	7.1	175
32	Toward harmonized phenotyping of human myeloid-derived suppressor cells by flow cytometry: results from an interim study. Cancer Immunology, Immunotherapy, 2016, 65, 161-169.	4.2	175
33	Superior induction of antiâ€tumor CTL immunity by extended peptide vaccines involves prolonged, DCâ€focused antigen presentation. European Journal of Immunology, 2008, 38, 1033-1042.	2.9	171
34	Frequent display of human papillomavirus type 16 E6-specific memory t-Helper cells in the healthy population as witness of previous viral encounter. Cancer Research, 2003, 63, 636-41.	0.9	166
35	HPV16 synthetic long peptide (HPV16-SLP) vaccination therapy of patients with advanced or recurrent HPV16-induced gynecological carcinoma, a phase II trial. Journal of Translational Medicine, 2013, 11, 88.	4.4	165
36	Human Papillomavirus (HPV) Upregulates the Cellular Deubiquitinase UCHL1 to Suppress the Keratinocyte's Innate Immune Response. PLoS Pathogens, 2013, 9, e1003384.	4.7	164

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37	Vaccination during myeloid cell depletion by cancer chemotherapy fosters robust T cell responses. Science Translational Medicine, 2016, 8, 334ra52.	12.4	164
38	Monitoring regulatory T cells in clinical samples: consensus on an essential marker set and gating strategy for regulatory T cell analysis by flow cytometry. Cancer Immunology, Immunotherapy, 2015, 64, 1271-1286.	4.2	161
39	Distinct Uptake Mechanisms but Similar Intracellular Processing of Two Different Toll-like Receptor Ligand-Peptide Conjugates in Dendritic Cells. Journal of Biological Chemistry, 2007, 282, 21145-21159.	3.4	157
40	Dendritic cells process synthetic long peptides better than whole protein, improving antigen presentation and Tâ€cell activation. European Journal of Immunology, 2013, 43, 2554-2565.	2.9	157
41	Cytotoxic T lymphocytes raised against a subdominant epitope offered as a synthetic peptide eradicate human papillomavirus type 16-induced tumors. European Journal of Immunology, 1995, 25, 2638-2642.	2.9	153
42	Prognostic Value of Tumor-Infiltrating Dendritic Cells in Colorectal Cancer: Role of Maturation Status and Intratumoral Localization. Clinical Cancer Research, 2005, 11, 2576-2582.	7.0	149
43	Induction of p53-Specific Immunity by a p53 Synthetic Long Peptide Vaccine in Patients Treated for Metastatic Colorectal Cancer. Clinical Cancer Research, 2009, 15, 1086-1095.	7.0	149
44	Human Papillomavirus Deregulates the Response of a Cellular Network Comprising of Chemotactic and Proinflammatory Genes. PLoS ONE, 2011, 6, e17848.	2.5	145
45	Molecular Mimicry of Human Cytochrome P450 by Hepatitis C Virus at the Level of Cytotoxic T Cell Recognition. Journal of Experimental Medicine, 1999, 190, 169-176.	8.5	144
46	Therapy of Human Papillomavirus-Related Disease. Vaccine, 2012, 30, F71-F82.	3.8	144
47	Defining the critical hurdles in cancer immunotherapy. Journal of Translational Medicine, 2011, 9, 214.	4.4	139
48	Strategies for immunotherapy of cancer. Advances in Immunology, 2000, 75, 235-282.	2.2	138
49	Spontaneous tumor rejection by cbl-bâ€"deficient CD8+ T cells. Journal of Experimental Medicine, 2007, 204, 879-891.	8.5	133
50	Vaccination against Oncoproteins of HPV16 for Noninvasive Vulvar/Vaginal Lesions: Lesion Clearance Is Related to the Strength of the T-Cell Response. Clinical Cancer Research, 2016, 22, 2342-2350.	7.0	132
51	Design and development of synthetic peptide vaccines: past, present and future. Expert Review of Vaccines, 2007, 6, 591-603.	4.4	130
52	Natural T-helper immunity against human papillomavirus type 16 (hpv16) e7-derived peptide epitopes in patients with hpv16-positive cervical lesions: Identification of 3 human leukocyte antigen class ii-restricted epitopes. International Journal of Cancer, 2001, 91, 612-618.	5.1	129
53	Vaccinia-expressed human papillomavirus 16 and 18 e6 and e7 as a therapeutic vaccination for vulval and vaginal intraepithelial neoplasia. Clinical Cancer Research, 2003, 9, 5205-13.	7.0	129
54	Intratumoral HPV16-Specific T Cells Constitute a Type Iâ€"Oriented Tumor Microenvironment to Improve Survival in HPV16-Driven Oropharyngeal Cancer. Clinical Cancer Research, 2018, 24, 634-647.	7.0	128

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55	Immunological Responses in Women with Human Papillomavirus Type 16 (HPV-16)-Associated Anogenital Intraepithelial Neoplasia Induced by Heterologous Prime-Boost HPV-16 Oncogene Vaccination. Clinical Cancer Research, 2004, 10, 2954-2961.	7.0	125
56	Immunization with a P53 synthetic long peptide vaccine induces P53â€specific immune responses in ovarian cancer patients, a phase II trial. International Journal of Cancer, 2009, 125, 2104-2113.	5.1	123
57	Consensus nomenclature for CD8⁺T cell phenotypes in cancer. OncoImmunology, 2015, 4, e998538.	4.6	119
58	Frequent detection of human papillomavirus 16 E2-specific T-helper immunity in healthy subjects. Cancer Research, 2002, 62, 472-9.	0.9	119
59	Different Subsets of Tumor-Infiltrating Lymphocytes Correlate with Macrophage Influx and Monosomy 3 in Uveal Melanoma. , 2012, 53, 5370.		114
60	Recommendations from the iSBTc-SITC/FDA/NCI Workshop on Immunotherapy Biomarkers. Clinical Cancer Research, 2011, 17, 3064-3076.	7.0	108
61	Tumor Eradication by Cisplatin Is Sustained by CD80/86-Mediated Costimulation of CD8+ T Cells. Cancer Research, 2016, 76, 6017-6029.	0.9	108
62	Expression of three extracellular matrix degradative enzymes in bladder cancer. International Journal of Cancer, 2001, 95, 295-301.	5.1	106
63	Improved peptide vaccine strategies, creating synthetic artificial infections to maximize immune efficacy. Advanced Drug Delivery Reviews, 2006, 58, 916-930.	13.7	102
64	The NKG2Aâ€"HLA-E Axis as a Novel Checkpoint in the Tumor Microenvironment. Clinical Cancer Research, 2020, 26, 5549-5556.	7.0	101
65	Therapeutic vaccination against human papilloma virus induced malignancies. Current Opinion in Immunology, 2011, 23, 252-257.	5.5	99
66	Effective therapeutic anticancer vaccines based on precision guiding of cytolytic T lymphocytes. Immunological Reviews, 2002, 188, 177-182.	6.0	94
67	A prospective study on the natural course of lowâ€grade squamous intraepithelial lesions and the presence of HPV16 E2â€, E6â€and E7â€specific Tâ€cell responses. International Journal of Cancer, 2010, 126, 133-141.	5.1	92
68	Antiâ€inflammatory M2 type macrophages characterize metastasized and tyrosine kinase inhibitorâ€treated gastrointestinal stromal tumors. International Journal of Cancer, 2010, 127, 899-909.	5.1	92
69	Genetic evolution of uveal melanoma guides the development of an inflammatory microenvironment. Cancer Immunology, Immunotherapy, 2017, 66, 903-912.	4.2	92
70	Design and evaluation of antigen-specific vaccination strategies against cancer. Current Opinion in Immunology, 2000, 12, 576-582.	5.5	91
71	Activation of Tumor-Promoting Type 2 Macrophages by EGFR-Targeting Antibody Cetuximab. Clinical Cancer Research, 2011, 17, 5668-5673.	7.0	91
72	Features of Effective T Cell-Inducing Vaccines against Chronic Viral Infections. Frontiers in Immunology, 2018, 9, 276.	4.8	91

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73	The nonpolymorphic MHC Qa-1b mediates CD8+ T cell surveillance of antigen-processing defects. Journal of Experimental Medicine, 2010, 207, 207-221.	8.5	89
74	Harmonization of Immune Biomarker Assays for Clinical Studies. Science Translational Medicine, 2011, 3, 108ps44.	12.4	87
75	Peptide-pulsed dendritic cells induce tumoricidal cytotoxic T lymphocytes from healthy donors against stably HLA-A*0201-binding peptides from the Melan-A/MART-1 self antigen. European Journal of Immunology, 1996, 26, 1683-1689.	2.9	85
76	Identification of three nonâ€VNTR MUC1â€derived HLAâ€A*0201â€restricted Tâ€cell epitopes that induce protective antiâ€tumor immunity in HLAâ€A2/Kbâ€transgenic mice. International Journal of Cancer, 2001, 91, 385-392.	5.1	85
77	A placebo-controlled randomized HPV16 synthetic long-peptide vaccination study in women with high-grade cervical squamous intraepithelial lesions. Cancer Immunology, Immunotherapy, 2012, 61, 1485-1492.	4.2	85
78	Alternative peptide repertoire of HLA-E reveals a binding motif that is strikingly similar to HLA-A2. Molecular Immunology, 2013, 53, 126-131.	2.2	85
79	CD39 Identifies the CD4+ Tumor-Specific T-cell Population in Human Cancer. Cancer Immunology Research, 2020, 8, 1311-1321.	3.4	84
80	Strong vaccine responses during chemotherapy are associated with prolonged cancer survival. Science Translational Medicine, 2020, 12, .	12.4	83
81	Genetic variation of antigen processing machinery components and association with cervical carcinoma. Genes Chromosomes and Cancer, 2007, 46, 577-586.	2.8	82
82	Potentiation of a p53â€SLP vaccine by cyclophosphamide in ovarian cancer: A singleâ€arm phase II study. International Journal of Cancer, 2012, 131, E670-80.	5.1	81
83	Vaccine-Induced Tumor Necrosis Factorâ€"Producing T Cells Synergize with Cisplatin to Promote Tumor Cell Death. Clinical Cancer Research, 2015, 21, 781-794.	7.0	81
84	p53, a potential target for tumor-directed T cells. Immunology Letters, 1994, 40, 171-178.	2.5	80
85	Detection of Human Papillomavirus (HPV) 16-Specific CD4+ T-cell Immunity in Patients with Persistent HPV16-Induced Vulvar Intraepithelial Neoplasia in Relation to Clinical Impact of Imiquimod Treatment. Clinical Cancer Research, 2005, 11, 5273-5280.	7.0	80
86	A beneficial tumor microenvironment in oropharyngeal squamous cell carcinoma is characterized by a high T cell and low IL-17+ cell frequency. Cancer Immunology, Immunotherapy, 2016, 65, 393-403.	4.2	77
87	Analogues of CTL epitopes with improved MHC class-I binding capacity elicit anti-melanoma CTL recognizing the wild-type epitope. , 1997, 70, 302-309.		76
88	Vaccination for Treatment and Prevention of Cancer in Animal Models. Advances in Immunology, 2006, 90, 175-213.	2.2	75
89	Human papilloma virus specific T cells infiltrating cervical cancer and draining lymph nodes show remarkably frequent use of HLAâ€DQ and â€"DP as a restriction element. International Journal of Cancer, 2008, 122, 486-494.	5.1	74
90	The positive prognostic effect of stromal CD8+ tumor-infiltrating T cells is restrained by the expression of HLA-E in non-small cell lung carcinoma. Oncotarget, 2016, 7, 3477-3488.	1.8	73

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91	An Unexpectedly Large Polyclonal Repertoire of HPV-Specific T Cells Is Poised for Action in Patients with Cervical Cancer. Cancer Research, 2010, 70, 2707-2717.	0.9	71
92	Tumor mutational load, CD8+ T cells, expression of PD-L1 and HLA class I to guide immunotherapy decisions in NSCLC patients. Cancer Immunology, Immunotherapy, 2020, 69, 771-777.	4.2	70
93	Tumor-specific regulatory T cells in cancer patients. Human Immunology, 2008, 69, 241-249.	2.4	69
94	Successful treatment of metastatic melanoma by adoptive transfer of blood-derived polyclonal tumor-specific CD4+ and CD8+ T cells in combination with low-dose interferon-alpha. Cancer Immunology, Immunotherapy, 2011, 60, 953-963.	4.2	69
95	Hierarchical Modeling for Rare Event Detection and Cell Subset Alignment across Flow Cytometry Samples. PLoS Computational Biology, 2013, 9, e1003130.	3.2	69
96	Therapeutic Peptide Vaccine-Induced CD8 T Cells Strongly Modulate Intratumoral Macrophages Required for Tumor Regression. Cancer Immunology Research, 2015, 3, 1042-1051.	3.4	68
97	Induction of p53-specific immune responses in colorectal cancer patients receiving a recombinant ALVAC-p53 candidate vaccine. Clinical Cancer Research, 2002, 8, 1019-27.	7.0	68
98	Vulvar cancer subclassification by HPV and p53 status results in three clinically distinct subtypes. Gynecologic Oncology, 2020, 159, 649-656.	1.4	67
99	Tumor microenvironment modulation enhances immunologic benefit of chemoradiotherapy. , 2019, 7, 10.		66
100	Detection and Functional Analysis of CD8+ T Cells Specific for PRAME: a Target for T-Cell Therapy. Clinical Cancer Research, 2006, 12, 3130-3136.	7.0	64
101	The interferon-related developmental regulator 1 is used by human papillomavirus to suppress NFÎºB activation. Nature Communications, 2015, 6, 6537.	12.8	64
102	Identification of non-mutated neoantigens presented by TAP-deficient tumors. Journal of Experimental Medicine, 2018, 215, 2325-2337.	8.5	64
103	Adoptive cell therapy in combination with checkpoint inhibitors in ovarian cancer. Oncotarget, 2020, 11, 2092-2105.	1.8	64
104	The Need for Improvement of the Treatment of Advanced and Metastatic Cervical Cancer, the Rationale for Combined Chemo-Immunotherapy. Anti-Cancer Agents in Medicinal Chemistry, 2014, 14, 190-203.	1.7	64
105	Competition-based cellular peptide binding assays for 13 prevalent HLA class I alleles using fluorescein-labeled synthetic peptides. Human Immunology, 2003, 64, 245-255.	2.4	62
106	TAP-independent self-peptides enhance T cell recognition of immune-escaped tumors. Journal of Clinical Investigation, 2016, 126, 784-794.	8.2	60
107	Detection of human papillomavirus type 18 E6 and E7-specific CD4+ T-helper 1 immunity in relation to health versus disease. International Journal of Cancer, 2006, 118, 950-956.	5.1	59
108	Chirality of TLR-2 ligand Pam3CysSK4 in fully synthetic peptide conjugates critically influences the induction of specific CD8+ T-cells. Molecular Immunology, 2009, 46, 1084-1091.	2.2	58

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109	Uveal Versus Cutaneous Melanoma; Same Origin, Very Distinct Tumor Types. Cancers, 2019, 11, 845.	3.7	58
110	A phase 1/2 study combining gemcitabine, Pegintron and p53 SLP vaccine in patients with platinum-resistant ovarian cancer. Oncotarget, 2015, 6, 32228-32243.	1.8	58
111	Balancing between Antitumor Efficacy and Autoimmune Pathology in T-Cellâ€"Mediated Targeting of Carcinoembryonic Antigen. Cancer Research, 2008, 68, 8446-8455.	0.9	57
112	Metabolic stress in cancer cells induces immune escape through a PI3K-dependent blockade of IFNÎ³ receptor signaling. , 2019, 7, 152.		57
113	Human immunodeficiency virus and human papilloma virus - why HPV-induced lesions do not spontaneously resolve and why therapeutic vaccination can be successful. Journal of Translational Medicine, 2009, 7, 108.	4.4	56
114	The long-term immune response after HPV16 peptide vaccination in women with low-grade pre-malignant disorders of the uterine cervix: a placebo-controlled phase II study. Cancer Immunology, Immunotherapy, 2014, 63, 147-160.	4.2	55
115	Immunotherapeutic Potential of TGF-Î² Inhibition and Oncolytic Viruses. Trends in Immunology, 2020, 41, 406-420.	6.8	55
116	Aerosol immunization with NYVAC and MVA vectored vaccines is safe, simple, and immunogenic. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 2046-2051.	7.1	54
117	Interleukin-6/interleukin-6 Receptor Pathway as a New Therapy Target in Epithelial Ovarian Cancer. Current Pharmaceutical Design, 2012, 18, 3816-3827.	1.9	54
118	Correlates of immune and clinical activity of novel cancer vaccines. Seminars in Immunology, 2018, 39, 119-136.	5.6	54
119	Long lasting p53-specific T cell memory responses in the absence of anti-p53 antibodies in patients with resected primary colorectal cancer. European Journal of Immunology, 2001, 31, 146-155.	2.9	53
120	Genomeâ€wide promoter methylation analysis identifies epigenetic silencing of <scp><i>MAPK</i></scp><i>13</i> in primary cutaneous melanoma. Pigment Cell and Melanoma Research, 2013, 26, 542-554.	3.3	52
121	Inhibition of CSF-1R Supports T-Cell Mediated Melanoma Therapy. PLoS ONE, 2014, 9, e104230.	2.5	52
122	Identification, Isolation, and Culture of HLA-A2-Specific B Lymphocytes Using MHC Class I Tetramers. Journal of Immunology, 2003, 171, 6599-6603.	0.8	50
123	Self-Tolerance Does Not Restrict the CD4+ T-Helper Response against the p53 Tumor Antigen. Cancer Research, 2008, 68, 893-900.	0.9	50
124	Addition of interferonâ€Î± to the p53â€SLPÂ® vaccine results in increased production of interferonâ€Î³ in vaccinated colorectal cancer patients: A phase I/II clinical trial. International Journal of Cancer, 2013, 132, 1581-1591.	5.1	50
125	Identification of HLA-A*0201-restricted CTL epitopes encoded by the tumor-specificMAGE-2 gene product. , 1997, 73, 125-130.		49
126	Safety of intravenous administration of a canarypox virus encoding the human wild-type p53 gene in colorectal cancer patients. Cancer Gene Therapy, 2003, 10, 509-517.	4.6	49

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127	Longâ€term clinical and immunological effects of p53â€SLPÂ® vaccine in patients with ovarian cancer. International Journal of Cancer, 2012, 130, 105-112.	5.1	49
128	Rationally combining immunotherapies to improve efficacy of immune checkpoint blockade in solid tumors. Cytokine and Growth Factor Reviews, 2017, 36, 5-15.	7.2	48
129	Peptide Vaccination after T-Cell Transfer Causes Massive Clonal Expansion, Tumor Eradication, and Manageable Cytokine Storm. Cancer Research, 2010, 70, 8339-8346.	0.9	47
130	Harmonization of the intracellular cytokine staining assay. Cancer Immunology, Immunotherapy, 2012, 61, 967-978.	4.2	47
131	Characterization of Cytotoxic T Lymphocyte Epitopes of a Self-Protein, p53, and a Non-Self-Protein, Influenza Matrix. Journal of Immunotherapy, 1993, 14, 121-126.	2.4	46
132	Multiple CD4 and CD8 T-cell activation parameters predict vaccine efficacy in vivo mediated by individual DC-activating agonists. Vaccine, 2007, 25, 1379-1389.	3.8	46
133	Immunotherapy for persistent viral infections and associated disease. Trends in Immunology, 2011, 32, 97-103.	6.8	46
134	Clinical Characteristics Associated With Development of Recurrence and Progression in Usual-Type Vulvar Intraepithelial Neoplasia. International Journal of Gynecological Cancer, 2013, 23, 1476-1483.	2.5	46
135	High-Risk Human Papillomavirus Targets Crossroads in Immune Signaling. Viruses, 2015, 7, 2485-2506.	3.3	46
136	Heterogeneity revealed by integrated genomic analysis uncovers a molecular switch in malignant uveal melanoma. Oncotarget, 2015, 6, 37824-37835.	1.8	46
137	p53: A Potential Target Antigen for Immunotherapy of Cancer. Annals of the New York Academy of Sciences, 2000, 910, 223-236.	3.8	45
138	Identification of Tumor Antigens Among the HLA Peptidomes of Glioblastoma Tumors and Plasma. Molecular and Cellular Proteomics, 2019, 18, 1255-1268.	3.8	45
139	The Anatomical Location Shapes the Immune Infiltrate in Tumors of Same Etiology and Affects Survival. Clinical Cancer Research, 2019, 25, 240-252.	7.0	45
140	Targeting of the MAPK and AKT pathways in conjunctival melanoma shows potential synergy. Oncotarget, 2017, 8, 58021-58036.	1.8	45
141	The detection of circulating human papillomavirusâ€specific T cells is associated with improved survival of patients with deeply infiltrating tumors. International Journal of Cancer, 2011, 128, 379-389.	5.1	44
142	Prospects of combinatorial synthetic peptide vaccine-based immunotherapy against cancer. Seminars in Immunology, 2013, 25, 182-190.	5.6	44
143	Neoantigen-specific immunity in low mutation burden colorectal cancers of the consensus molecular subtype 4. Genome Medicine, 2019, 11, 87.	8.2	44
144	Identification of Potential HLA-A *0201 Restricted CTL Epitopes Derived from the Epithelial Cell Adhesion Molecule (Ep-CAM) and the Carcinoembryonic Antigen (CEA). Human Immunology, 1997, 53, 81-89.	2.4	43

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145	TLR2 ligand-synthetic long peptide conjugates effectively stimulate tumor-draining lymph node T cells of cervical cancer patients. Oncotarget, 2016, 7, 67087-67100.	1.8	43
146	Targeting of the Cancer-Associated Fibroblastâ€”T-Cell Axis in Solid Malignancies. Journal of Clinical Medicine, 2019, 8, 1989.	2.4	42
147	Distinct regulation and impact of type 1 T-cell immunity against HPV16 L1, E2 and E6 antigens during HPV16-induced cervical infection and neoplasia. International Journal of Cancer, 2006, 118, 675-683.	5.1	41
148	Cooperative induction of apoptosis in <scp>NRAS</scp> mutant melanoma by inhibition of <scp>MEK</scp> and <scp>ROCK</scp>. Pigment Cell and Melanoma Research, 2015, 28, 307-317.	3.3	41
149	Identification of Tumor Antigens Among the HLA Peptidomes of Glioblastoma Tumors and Plasma. Molecular and Cellular Proteomics, 2018, 17, 2132-2145.	3.8	41
150	Future Challenges in Cancer Resistance to Immunotherapy. Cancers, 2020, 12, 935.	3.7	41
151	Preconditioning of the tumor microenvironment with oncolytic reovirus converts CD3-bispecific antibody treatment into effective immunotherapy. , 2020, 8, e001191.		40
152	Surgery followed by Persistence of High-Grade Squamous Intraepithelial Lesions Is Associated with the Induction of a Dysfunctional HPV16-Specific T-Cell Response. Clinical Cancer Research, 2008, 14, 7188-7195.	7.0	39
153	Digital PCR-Based T-cell Quantificationâ€“Assisted Deconvolution of the Microenvironment Reveals that Activated Macrophages Drive Tumor Inflammation in Uveal Melanoma. Molecular Cancer Research, 2018, 16, 1902-1911.	3.4	39
154	Intraepithelial macrophage infiltration is related to a high number of regulatory T cells and promotes a progressive course of HPVâ€‘induced vulvar neoplasia. International Journal of Cancer, 2015, 136, E85-94.	5.1	37
155	CD4+ T Cell and NK Cell Interplay Key to Regression of MHC Class Ilow Tumors upon TLR7/8 Agonist Therapy. Cancer Immunology Research, 2017, 5, 642-653.	3.4	37
156	Induction of a primary human cytotoxic T-lymphocyte response against a novel conserved epitope in a functional sequence of HIV-1 reverse transcriptase. Aids, 1995, 9, 121-128.	2.2	36
157	Skin reactions to human papillomavirus (HPV) 16 specific antigens intradermally injected in healthy subjects and patients with cervical neoplasia. International Journal of Cancer, 2008, 123, 146-152.	5.1	36
158	Dendritic cell vaccination and CD40-agonist combination therapy licenses T cell-dependent antitumor immunity in a pancreatic carcinoma murine model. , 2020, 8, e000772.		36
159	New Role of Signal Peptide Peptidase To Liberate C-Terminal Peptides for MHC Class I Presentation. Journal of Immunology, 2013, 191, 4020-4028.	0.8	35
160	P53-specific T cell responses in patients with malignant and benign ovarian tumors: Implications for p53 based immunotherapy. International Journal of Cancer, 2007, 121, 606-614.	5.1	34
161	Therapeutic vaccines in cancer: moving from immunomonitoring to immunoguiding. Expert Review of Vaccines, 2008, 7, 1-5.	4.4	34
162	CD8+ T Cell Responses against TAP-Inhibited Cells Are Readily Detected in the Human Population. Journal of Immunology, 2010, 185, 6508-6517.	0.8	34

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