

Jeffrey Schlom

List of Publications by Citations

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343
papers

19,052
citations

71
h-index

125
g-index

354
ext. papers

21,786
ext. citations

6.3
avg, IF

6.57
L-index

#	Paper	IF	Citations
343	Radiation modulates the peptide repertoire, enhances MHC class I expression, and induces successful antitumor immunotherapy. <i>Journal of Experimental Medicine</i> , 2006 , 203, 1259-71	16.6	1110
342	Overall survival analysis of a phase II randomized controlled trial of a Poxviral-based PSA-targeted immunotherapy in metastatic castration-resistant prostate cancer. <i>Journal of Clinical Oncology</i> , 2010 , 28, 1099-105	2.2	786
341	Inhibition of CD4(+)25+ T regulatory cell function implicated in enhanced immune response by low-dose cyclophosphamide. <i>Blood</i> , 2005 , 105, 2862-8	2.2	720
340	Differential reactivity of a novel monoclonal antibody (DF3) with human malignant versus benign breast tumors. <i>Hybridoma</i> , 1984 , 3, 223-32		442
339	Sublethal irradiation of human tumor cells modulates phenotype resulting in enhanced killing by cytotoxic T lymphocytes. <i>Cancer Research</i> , 2004 , 64, 7985-94	10.1	410
338	External beam radiation of tumors alters phenotype of tumor cells to render them susceptible to vaccine-mediated T-cell killing. <i>Cancer Research</i> , 2004 , 64, 4328-37	10.1	368
337	Combining a recombinant cancer vaccine with standard definitive radiotherapy in patients with localized prostate cancer. <i>Clinical Cancer Research</i> , 2005 , 11, 3353-62	12.9	323
336	Phase I study in advanced cancer patients of a diversified prime-and-boost vaccination protocol using recombinant vaccinia virus and recombinant nonreplicating avipox virus to elicit anti-carcinoembryonic antigen immune responses. <i>Journal of Clinical Oncology</i> , 2000 , 18, 3964-73	2.2	307
335	Ipilimumab and a poxviral vaccine targeting prostate-specific antigen in metastatic castration-resistant prostate cancer: a phase 1 dose-escalation trial. <i>Lancet Oncology</i> , 2012 , 13, 501-8	21.7	299
334	Antibody-Dependent Cellular Cytotoxicity Activity of a Novel Anti-PD-L1 Antibody Avelumab (MSB0010718C) on Human Tumor Cells. <i>Cancer Immunology Research</i> , 2015 , 3, 1148-1157	12.5	281
333	Phase I study of sequential vaccinations with fowlpox-CEA(6D)-TRICOM alone and sequentially with vaccinia-CEA(6D)-TRICOM, with and without granulocyte-macrophage colony-stimulating factor, in patients with carcinoembryonic antigen-expressing carcinomas. <i>Journal of Clinical Oncology</i> , 2005 , 23, 720-31	2.2	255
332	A randomized phase II study of concurrent docetaxel plus vaccine versus vaccine alone in metastatic androgen-independent prostate cancer. <i>Clinical Cancer Research</i> , 2006 , 12, 1260-9	12.9	251
331	Immunologic and prognostic factors associated with overall survival employing a poxviral-based PSA vaccine in metastatic castrate-resistant prostate cancer. <i>Cancer Immunology, Immunotherapy</i> , 2010 , 59, 663-74	7.4	249
330	Tumor-infiltrating immune cells and prognosis: the potential link between conventional cancer therapy and immunity. <i>Experimental Biology and Medicine</i> , 2011 , 236, 567-79	3.7	215
329	Therapeutic cancer vaccines: current status and moving forward. <i>Journal of the National Cancer Institute</i> , 2012 , 104, 599-613	9.7	207
328	Phase II randomized study of vaccine treatment of advanced prostate cancer (E7897): a trial of the Eastern Cooperative Oncology Group. <i>Journal of Clinical Oncology</i> , 2004 , 22, 2122-32	2.2	202
327	In vitro generation of human cytotoxic T lymphocytes specific for peptides derived from prostate-specific antigen. <i>Journal of the National Cancer Institute</i> , 1997 , 89, 293-300	9.7	201

326	The T-box transcription factor Brachyury promotes epithelial-mesenchymal transition in human tumor cells. <i>Journal of Clinical Investigation</i> , 2010 , 120, 533-44	15.9	199
325	Phase I Trial of M7824 (MSB0011359C), a Bifunctional Fusion Protein Targeting PD-L1 and TGF β in Advanced Solid Tumors. <i>Clinical Cancer Research</i> , 2018 , 24, 1287-1295	12.9	195
324	Avelumab for metastatic or locally advanced previously treated solid tumours (JAVELIN Solid Tumor): a phase 1a, multicohort, dose-escalation trial. <i>Lancet Oncology, The</i> , 2017 , 18, 587-598	21.7	194
323	Phase I study of a vaccine using recombinant vaccinia virus expressing PSA (rV-PSA) in patients with metastatic androgen-independent prostate cancer. <i>Prostate</i> , 2002 , 53, 109-17	4.2	193
322	Cancer vaccines: moving beyond current paradigms. <i>Clinical Cancer Research</i> , 2007 , 13, 3776-82	12.9	186
321	Phase I clinical trial of a recombinant canarypoxvirus (ALVAC) vaccine expressing human carcinoembryonic antigen and the B7.1 co-stimulatory molecule. <i>Cancer Immunology, Immunotherapy</i> , 2000 , 49, 504-14	7.4	184
320	Pilot study of vaccination with recombinant CEA-MUC-1-TRICOM poxviral-based vaccines in patients with metastatic carcinoma. <i>Clinical Cancer Research</i> , 2008 , 14, 3060-9	12.9	181
319	Combination of docetaxel and recombinant vaccine enhances T-cell responses and antitumor activity: effects of docetaxel on immune enhancement. <i>Clinical Cancer Research</i> , 2008 , 14, 3536-44	12.9	177
318	Differential reactivity of monoclonal antibodies with human colon adenocarcinomas and adenomas. <i>International Journal of Cancer</i> , 1983 , 31, 543-52	7.5	168
317	IL-2 immunotoxin denileukin diftitox reduces regulatory T cells and enhances vaccine-mediated T-cell immunity. <i>Blood</i> , 2007 , 110, 3192-201	2.2	164
316	Intraperitoneal radioimmunotherapy of ovarian cancer with 177Lu-CC49: a phase I/II study. <i>Gynecologic Oncology</i> , 1997 , 65, 94-101	4.9	150
315	Diversified prime and boost protocols using recombinant vaccinia virus and recombinant non-replicating avian pox virus to enhance T-cell immunity and antitumor responses. <i>Vaccine</i> , 1997 , 15, 759-68	4.1	145
314	Safety, tumor trafficking and immunogenicity of chimeric antigen receptor (CAR)-T cells specific for TAG-72 in colorectal cancer 2017 , 5, 22		136
313	Activity of durvalumab plus olaparib in metastatic castration-resistant prostate cancer in men with and without DNA damage repair mutations 2018 , 6, 141		132
312	The human T-box mesodermal transcription factor Brachyury is a candidate target for T-cell-mediated cancer immunotherapy. <i>Clinical Cancer Research</i> , 2007 , 13, 2471-8	12.9	123
311	Multiple costimulatory modalities enhance CTL avidity. <i>Journal of Immunology</i> , 2005 , 174, 5994-6004	5.3	122
310	Analysis of overall survival in patients with nonmetastatic castration-resistant prostate cancer treated with vaccine, nilutamide, and combination therapy. <i>Clinical Cancer Research</i> , 2008 , 14, 4526-31	12.9	121
309	Enhanced functionality of CD4+CD25(high)FoxP3+ regulatory T cells in the peripheral blood of patients with prostate cancer. <i>Clinical Cancer Research</i> , 2008 , 14, 1032-40	12.9	120

308	Selective induction of high avidity CTL by altering the balance of signals from APC. <i>Journal of Immunology</i> , 2003 , 170, 2523-30	5.3	116
307	Viral vector-based therapeutic cancer vaccines. <i>Cancer Journal (Sudbury, Mass)</i> , 2011 , 17, 359-71	2.2	115
306	M7824, a novel bifunctional anti-PD-L1/TGF- β Trap fusion protein, promotes anti-tumor efficacy as monotherapy and in combination with vaccine. <i>Onc Immunology</i> , 2018 , 7, e1426519	7.2	109
305	Clinical safety of a viral vector based prostate cancer vaccine strategy. <i>Journal of Urology</i> , 2007 , 178, 1515-20	2.5	109
304	Effects of conventional therapeutic interventions on the number and function of regulatory T cells. <i>Onc Immunology</i> , 2013 , 2, e27025	7.2	105
303	IL-15 superagonist/IL-15R β ushi-Fc fusion complex (IL-15SA/IL-15R β u-Fc; ALT-803) markedly enhances specific subpopulations of NK and memory CD8+ T cells, and mediates potent anti-tumor activity against murine breast and colon carcinomas. <i>Oncotarget</i> , 2016 , 7, 16130-45	3.3	102
302	Safety and immunologic response of a viral vaccine to prostate-specific antigen in combination with radiation therapy when metronomic-dose interleukin 2 is used as an adjuvant. <i>Clinical Cancer Research</i> , 2008 , 14, 5284-91	12.9	99
301	A phase I vaccine trial with peptides reflecting ras oncogene mutations of solid tumors. <i>Journal of Immunotherapy</i> , 1999 , 22, 155-65	5	99
300	An NK cell line (haNK) expressing high levels of granzyme and engineered to express the high affinity CD16 allele. <i>Oncotarget</i> , 2016 , 7, 86359-86373	3.3	99
299	Clinical trial designs for the early clinical development of therapeutic cancer vaccines. <i>Journal of Clinical Oncology</i> , 2001 , 19, 1848-54	2.2	98
298	Antiandrogen, vaccine and combination therapy in patients with nonmetastatic hormone refractory prostate cancer. <i>Journal of Urology</i> , 2005 , 174, 539-46	2.5	97
297	A pilot study of MUC-1/CEA/TRICOM poxviral-based vaccine in patients with metastatic breast and ovarian cancer. <i>Clinical Cancer Research</i> , 2011 , 17, 7164-73	12.9	95
296	Inhibiting myeloid-derived suppressor cell trafficking enhances T cell immunotherapy. <i>JCI Insight</i> , 2019 , 4,	9.9	95
295	Immune impact induced by PROSTVAC (PSA-TRICOM), a therapeutic vaccine for prostate cancer. <i>Cancer Immunology Research</i> , 2014 , 2, 133-41	12.5	93
294	Brachyury, a driver of the epithelial-mesenchymal transition, is overexpressed in human lung tumors: an opportunity for novel interventions against lung cancer. <i>Clinical Cancer Research</i> , 2012 , 18, 3868-79	12.9	93
293	Dual targeting of TGF- β and PD-L1 via a bifunctional anti-PD-L1/TGF- β II agent: status of preclinical and clinical advances 2020 , 8,		92
292	A novel bifunctional anti-PD-L1/TGF- β Trap fusion protein (M7824) efficiently reverts mesenchymalization of human lung cancer cells. <i>Onc Immunology</i> , 2017 , 6, e1349589	7.2	91
291	Phase I Trial of a Yeast-Based Therapeutic Cancer Vaccine (GI-6301) Targeting the Transcription Factor Brachyury. <i>Cancer Immunology Research</i> , 2015 , 3, 1248-56	12.5	89

290	A recombinant vaccinia virus expressing human prostate-specific antigen (PSA): safety and immunogenicity in a non-human primate. <i>International Journal of Cancer</i> , 1995 , 63, 231-7	7.5	87
289	Phase I trial of HuMax-IL8 (BMS-986253), an anti-IL-8 monoclonal antibody, in patients with metastatic or unresectable solid tumors 2019 , 7, 240		85
288	Acquisition of CD80 (B7-1) by T cells. <i>Journal of Immunology</i> , 2001 , 166, 2505-13	5.3	85
287	The immunocytokine NHS-IL12 as a potential cancer therapeutic. <i>Oncotarget</i> , 2014 , 5, 1869-84	3.3	82
286	Elevated serum soluble CD40 ligand in cancer patients may play an immunosuppressive role. <i>Blood</i> , 2012 , 120, 3030-8	2.2	81
285	Strategies for cancer vaccine development. <i>Journal of Biomedicine and Biotechnology</i> , 2010 , 2010,		80
284	Intravesical immunotherapy of superficial bladder cancer with chitosan/interleukin-12. <i>Cancer Research</i> , 2009 , 69, 6192-9	10.1	79
283	EXTH-63. EFFICIENT ADCC-MEDIATED KILLING OF MALIGNANT MENINGIOMA CELLS USING AVELUMAB AND AN ENGINEERED HIGH AVIDITY NATURAL KILLER CELL LINE, haNK. <i>Neuro-Oncology</i> , 2018 , 20, vi98-vi98	1	78
282	Malignant Mesothelioma Effusions Are Infiltrated by CD3 T Cells Highly Expressing PD-L1 and the PD-L1 Tumor Cells within These Effusions Are Susceptible to ADCC by the Anti-PD-L1 Antibody Avelumab. <i>Journal of Thoracic Oncology</i> , 2016 , 11, 1993-2005	8.9	77
281	Combination chemotherapy and radiation of human squamous cell carcinoma of the head and neck augments CTL-mediated lysis. <i>Clinical Cancer Research</i> , 2006 , 12, 1897-905	12.9	76
280	The IDO1 selective inhibitor epacadostat enhances dendritic cell immunogenicity and lytic ability of tumor antigen-specific T cells. <i>Oncotarget</i> , 2016 , 7, 37762-37772	3.3	76
279	Combination of a poxvirus-based vaccine with a cyclooxygenase-2 inhibitor (celecoxib) elicits antitumor immunity and long-term survival in CEA.Tg/MIN mice. <i>Cancer Research</i> , 2004 , 64, 3668-78	10.1	75
278	Acquisition of CD80 by human T cells at early stages of activation: functional involvement of CD80 acquisition in T cell to T cell interaction. <i>Journal of Immunology</i> , 2002 , 169, 6162-9	5.3	75
277	Generation of stable CD4+ and CD8+ T cell lines from patients immunized with ras oncogene-derived peptides reflecting codon 12 mutations. <i>Cellular Immunology</i> , 1997 , 182, 137-51	4.4	74
276	Vaccine-based therapy directed against carcinoembryonic antigen demonstrates antitumor activity on spontaneous intestinal tumors in the absence of autoimmunity. <i>Cancer Research</i> , 2002 , 62, 6944-51	10.1	73
275	Vaccine therapy of established tumors in the absence of autoimmunity. <i>Clinical Cancer Research</i> , 2003 , 9, 1837-49	12.9	73
274	First-in-Human Phase I Trial of a Tumor-Targeted Cytokine (NHS-IL12) in Subjects with Metastatic Solid Tumors. <i>Clinical Cancer Research</i> , 2019 , 25, 99-109	12.9	71
273	A combination trial of vaccine plus ipilimumab in metastatic castration-resistant prostate cancer patients: immune correlates. <i>Cancer Immunology, Immunotherapy</i> , 2014 , 63, 407-18	7.4	71

272	The requirement of multimodal therapy (vaccine, local tumor radiation, and reduction of suppressor cells) to eliminate established tumors. <i>Clinical Cancer Research</i> , 2005 , 11, 4533-44	12.9	71
271	Enhanced killing of chordoma cells by antibody-dependent cell-mediated cytotoxicity employing the novel anti-PD-L1 antibody avelumab. <i>Oncotarget</i> , 2016 , 7, 33498-511	3.3	70
270	Phase I trial of a recombinant yeast-CEA vaccine (GI-6207) in adults with metastatic CEA-expressing carcinoma. <i>Cancer Immunology, Immunotherapy</i> , 2014 , 63, 225-34	7.4	70
269	Induction of an antigen cascade by diversified subcutaneous/intratumoral vaccination is associated with antitumor responses. <i>Clinical Cancer Research</i> , 2005 , 11, 2416-26	12.9	70
268	Monoclonal antibody immunoradiometric assay for an antigenic determinant (CA 72) on a novel pancarcinoma antigen (TAG-72). <i>International Journal of Cancer</i> , 1986 , 38, 661-9	7.5	69
267	Vector-based vaccine/cytokine combination therapy to enhance induction of immune responses to a self-antigen and antitumor activity. <i>Cancer Research</i> , 2002 , 62, 5770-7	10.1	69
266	Clinical evaluation of TRICOM vector therapeutic cancer vaccines. <i>Seminars in Oncology</i> , 2012 , 39, 296-304	5	68
265	The use of a rapid ELISPOT assay to analyze peptide-specific immune responses in carcinoma patients to peptide vs. recombinant poxvirus vaccines. <i>Cancer Immunology, Immunotherapy</i> , 2000 , 49, 517-29	7.4	68
264	Inhibition of MDSC Trafficking with SX-682, a CXCR1/2 Inhibitor, Enhances NK-Cell Immunotherapy in Head and Neck Cancer Models. <i>Clinical Cancer Research</i> , 2020 , 26, 1420-1431	12.9	67
263	Vaccination with a recombinant <i>Saccharomyces cerevisiae</i> expressing a tumor antigen breaks immune tolerance and elicits therapeutic antitumor responses. <i>Clinical Cancer Research</i> , 2008 , 14, 4316-25	12.9	66
262	A recombinant vaccinia virus expressing human carcinoembryonic antigen (CEA). <i>International Journal of Cancer</i> , 1991 , 48, 900-7	7.5	64
261	Systemic Immunotherapy of Non-Muscle Invasive Mouse Bladder Cancer with Avelumab, an Anti-PD-L1 Immune Checkpoint Inhibitor. <i>Cancer Immunology Research</i> , 2016 , 4, 452-62	12.5	62
260	Agonist peptide from a cytotoxic t-lymphocyte epitope of human carcinoembryonic antigen stimulates production of tc1-type cytokines and increases tyrosine phosphorylation more efficiently than cognate peptide. <i>International Journal of Cancer</i> , 2000 , 85, 829-38	7.5	61
259	Identification and characterization of a human agonist cytotoxic T-lymphocyte epitope of human prostate-specific antigen. <i>Clinical Cancer Research</i> , 2002 , 8, 41-53	12.9	60
258	Overexpression of the EMT driver brachyury in breast carcinomas: association with poor prognosis. <i>Journal of the National Cancer Institute</i> , 2014 , 106,	9.7	59
257	Docetaxel Alone or in Combination With a Therapeutic Cancer Vaccine (PANVAC) in Patients With Metastatic Breast Cancer: A Randomized Clinical Trial. <i>JAMA Oncology</i> , 2015 , 1, 1087-95	13.4	58
256	Anti-tumor immunity elicited by a recombinant vaccinia virus expressing CD70 (CD27L). <i>Human Gene Therapy</i> , 1999 , 10, 1095-103	4.8	58
255	Generation, characterization, and in vivo studies of humanized anticarcinoma antibody CC49. <i>Hybridoma</i> , 1995 , 14, 461-73		58

254	CA 72-4 radioimmunoassay for the detection of the TAG-72 carcinoma-associated antigen in serum of patients. <i>Journal of Clinical Laboratory Analysis</i> , 1989 , 3, 360-9	3	58
253	Analyses of the peripheral immunome following multiple administrations of avelumab, a human IgG1 anti-PD-L1 monoclonal antibody 2017 , 5, 20		57
252	Intratumoral immunotherapy of established solid tumors with chitosan/IL-12. <i>Journal of Immunotherapy</i> , 2010 , 33, 697-705	5	57
251	A human cytotoxic T-lymphocyte epitope and its agonist epitope from the nonvariable number of tandem repeat sequence of MUC-1. <i>Clinical Cancer Research</i> , 2004 , 10, 2139-49	12.9	57
250	Immunological targeting of tumor cells undergoing an epithelial-mesenchymal transition via a recombinant brachyury-yeast vaccine. <i>Oncotarget</i> , 2013 , 4, 1777-90	3.3	57
249	Recombinant <i>Saccharomyces cerevisiae</i> (yeast-CEA) as a potent activator of murine dendritic cells. <i>Vaccine</i> , 2008 , 26, 509-21	4.1	56
248	Pre-existing antiacetylcholine receptor autoantibodies and B cell lymphopaenia are associated with the development of myositis in patients with thymoma treated with avelumab, an immune checkpoint inhibitor targeting programmed death-ligand 1. <i>Annals of the Rheumatic Diseases</i> , 2019 , 78, 150-152	2.4	56
247	The use of chelated radionuclide (samarium-153-ethylenediaminetetramethylenephosphonate) to modulate phenotype of tumor cells and enhance T cell-mediated killing. <i>Clinical Cancer Research</i> , 2008 , 14, 4241-9	12.9	54
246	A radioimmunoassay for the detection of a human tumor-associated glycoprotein (TAG-72) using monoclonal antibody B72.3. <i>International Journal of Cancer</i> , 1986 , 37, 659-66	7.5	54
245	Monoclonal antibody DF3 correlates with tumor differentiation and hormone receptor status in breast cancer patients. <i>Breast Cancer Research and Treatment</i> , 1985 , 5, 269-76	4.4	54
244	Structural correlates of an anticarcinoma antibody: identification of specificity-determining residues (SDRs) and development of a minimally immunogenic antibody variant by retention of SDRs only. <i>Journal of Immunology</i> , 2000 , 164, 1432-41	5.3	53
243	Identification of overlapping epitopes in mutant ras oncogene peptides that activate CD4+ and CD8+ T cell responses. <i>European Journal of Immunology</i> , 1996 , 26, 435-43	6.1	52
242	SDR grafting--a new approach to antibody humanization. <i>Methods</i> , 2005 , 36, 25-34	4.6	51
241	Identification of novel human CTL epitopes and their agonist epitopes of mesothelin. <i>Clinical Cancer Research</i> , 2005 , 11, 6342-51	12.9	51
240	Near infrared photoimmunotherapy with avelumab, an anti-programmed death-ligand 1 (PD-L1) antibody. <i>Oncotarget</i> , 2017 , 8, 8807-8817	3.3	51
239	Chitosan solution enhances the immunoadjuvant properties of GM-CSF. <i>Vaccine</i> , 2007 , 25, 8673-86	4.1	50
238	Therapeutic cancer vaccines. <i>Advances in Cancer Research</i> , 2014 , 121, 67-124	5.9	49
237	Modified vaccinia virus ankara recombinants are as potent as vaccinia recombinants in diversified prime and boost vaccine regimens to elicit therapeutic antitumor responses. <i>Cancer Research</i> , 2003 , 63, 7942-9	10.1	48

236	Analysis of circulating regulatory T cells in patients with metastatic prostate cancer pre- versus post-vaccination. <i>Cancer Immunology, Immunotherapy</i> , 2011 , 60, 197-206	7.4	47
235	Complementation of anti-CEA and anti-TAG-72 monoclonal antibodies in reactivity to human gastric adenocarcinomas. <i>International Journal of Cancer</i> , 1987 , 40, 726-33	7.5	47
234	Tumor-associated glycoprotein (TAG-72) detected in adenocarcinomas and benign lesions of the stomach. <i>International Journal of Cancer</i> , 1986 , 38, 643-50	7.5	46
233	Monoclonal antibodies to breast cancer-associated antigens as potential reagents in the management of breast cancer. <i>Cancer</i> , 1984 , 54, 2777-94	6.4	46
232	Mechanisms involved in IL-15 superagonist enhancement of anti-PD-L1 therapy 2019 , 7, 82		45
231	Soluble CD27-pool in humans may contribute to T cell activation and tumor immunity. <i>Journal of Immunology</i> , 2013 , 190, 6250-8	5.3	45
230	A viral vaccine encoding prostate-specific antigen induces antigen spreading to a common set of self-proteins in prostate cancer patients. <i>Clinical Cancer Research</i> , 2010 , 16, 4046-56	12.9	45
229	Construction and characterization of a recombinant vaccinia virus expressing murine intercellular adhesion molecule-1: induction and potentiation of antitumor responses. <i>Human Gene Therapy</i> , 1997 , 8, 851-60	4.8	45
228	TRICOM vector based cancer vaccines. <i>Current Pharmaceutical Design</i> , 2006 , 12, 351-61	3.3	45
227	SDR grafting of a murine antibody using multiple human germline templates to minimize its immunogenicity. <i>Molecular Immunology</i> , 2004 , 41, 863-72	4.3	45
226	Vaccines with enhanced costimulation maintain high avidity memory CTL. <i>Journal of Immunology</i> , 2005 , 175, 3715-23	5.3	45
225	Phase I study of recombinant CEA vaccinia virus vaccine with post vaccination CEA peptide challenge. <i>Human Gene Therapy</i> , 1996 , 7, 1381-94	4.8	45
224	TAG-72 (CA 72-4 assay) as a complementary serum tumor antigen to carcinoembryonic antigen in monitoring patients with colorectal cancer. <i>Cancer</i> , 1993 , 72, 2098-106	6.4	44
223	Serologic mapping and biochemical characterization of the carcinoembryonic antigen epitopes using fourteen distinct monoclonal antibodies. <i>International Journal of Cancer</i> , 1989 , 44, 208-18	7.5	44
222	Efficacy and tolerability of anti-programmed death-ligand 1 (PD-L1) antibody (Avelumab) treatment in advanced thymoma 2019 , 7, 269		43
221	Serum antibodies to blood group A predict survival on PROSTVAC-VF. <i>Clinical Cancer Research</i> , 2013 , 19, 1290-9	12.9	43
220	Quantitative analysis of CEA expression in colorectal adenocarcinoma and serum: lack of correlation. <i>International Journal of Cancer</i> , 1997 , 72, 949-54	7.5	43
219	Surface plasmon resonance-based competition assay to assess the sera reactivity of variants of humanized antibodies. <i>Journal of Immunological Methods</i> , 2002 , 268, 197-210	2.5	43

218	Human dendritic cell maturation and activation by a heat-killed recombinant yeast (<i>Saccharomyces cerevisiae</i>) vector encoding carcinoembryonic antigen. <i>Vaccine</i> , 2009 , 27, 987-94	4.1	41
217	Biologic properties of a CH2 domain-deleted recombinant immunoglobulin. <i>International Journal of Cancer</i> , 1993 , 53, 97-103	7.5	41
216	PD-L1 targeting high-affinity NK (t-haNK) cells induce direct antitumor effects and target suppressive MDSC populations 2020 , 8,		40
215	Paradigm shifts in cancer vaccine therapy. <i>Experimental Biology and Medicine</i> , 2008 , 233, 522-34	3.7	39
214	mRNA expression of transforming growth factor alpha in human breast carcinomas and its activity in effusions of breast cancer patients. <i>Journal of the National Cancer Institute</i> , 1989 , 81, 1165-71	9.7	39
213	Phase I Study of a Poxviral TRICOM-Based Vaccine Directed Against the Transcription Factor Brachyury. <i>Clinical Cancer Research</i> , 2017 , 23, 6833-6845	12.9	39
212	Preclinical and clinical studies of recombinant poxvirus vaccines for carcinoma therapy. <i>Critical Reviews in Immunology</i> , 2007 , 27, 451-62	1.8	39
211	Analyses of recombinant vaccinia and fowlpox vaccine vectors expressing transgenes for two human tumor antigens and three human costimulatory molecules. <i>Clinical Cancer Research</i> , 2005 , 11, 1597-607	12.9	38
210	Peptide-specific activation of cytolytic CD4+ T lymphocytes against tumor cells bearing mutated epitopes of K-ras p21. <i>European Journal of Immunology</i> , 1995 , 25, 2588-97	6.1	38
209	A fully human IgG1 anti-PD-L1 MAb in an in vitro assay enhances antigen-specific T-cell responses. <i>Clinical and Translational Immunology</i> , 2016 , 5, e83	6.8	38
208	CA 72-4 serum marker--a new tool in the management of carcinoma patients. <i>Cancer Investigation</i> , 1995 , 13, 227-38	2.1	37
207	Intraoperative radioimmunolocalization of colorectal carcinoma with a hand-held gamma probe and MAb B72.3: comparison of in vivo gamma probe counts with in vitro MAb radiolocalization. <i>International Journal of Cancer</i> , 1988 , 42, 352-8	7.5	37
206	Humoral response to a viral glycan correlates with survival on PROSTVAC-VF. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014 , 111, E1749-58	11.5	36
205	Induction of higher-avidity human CTLs by vector-mediated enhanced costimulation of antigen-presenting cells. <i>Clinical Cancer Research</i> , 2005 , 11, 5603-15	12.9	36
204	Vaccines against human carcinomas: strategies to improve antitumor immune responses. <i>Journal of Biomedicine and Biotechnology</i> , 2010 , 2010, 380697		35
203	Effect of a small molecule BCL-2 inhibitor on immune function and use with a recombinant vaccine. <i>International Journal of Cancer</i> , 2010 , 127, 1603-13	7.5	35
202	Intratumoral vaccination and diversified subcutaneous/ intratumoral vaccination with recombinant poxviruses encoding a tumor antigen and multiple costimulatory molecules. <i>Clinical Cancer Research</i> , 2004 , 10, 1090-9	12.9	35
201	Physiological relevance of antigen presentasome (APS), an acquired MHC/costimulatory complex, in the sustained activation of CD4+ T cells in the absence of APCs. <i>Blood</i> , 2005 , 105, 3238-46	2.2	35

200	Enhancing the potency of peptide-pulsed antigen presenting cells by vector-driven hyperexpression of a triad of costimulatory molecules. <i>Vaccine</i> , 2001 , 19, 3552-67	4.1	35
199	Stereotactic Ablative Radiation Therapy Induces Systemic Differences in Peripheral Blood Immunophenotype Dependent on Irradiated Site. <i>International Journal of Radiation Oncology Biology Physics</i> , 2018 , 101, 1259-1270	4	34
198	Analyses of 123 Peripheral Human Immune Cell Subsets: Defining Differences with Age and between Healthy Donors and Cancer Patients Not Detected in Analysis of Standard Immune Cell Types. <i>Journal of Circulating Biomarkers</i> , 2016 , 5, 5	3.3	34
197	Definition of the expression of the human carcinoembryonic antigen and non-specific cross-reacting antigen in human breast and lung carcinomas. <i>International Journal of Cancer</i> , 1993 , 53, 892-7	7.5	34
196	Concurrent vaccination with two distinct vaccine platforms targeting the same antigen generates phenotypically and functionally distinct T-cell populations. <i>Cancer Immunology, Immunotherapy</i> , 2010 , 59, 397-408	7.4	34
195	Use of radiolabeled monoclonal antibody to enhance vaccine-mediated antitumor effects. <i>Cancer Immunology, Immunotherapy</i> , 2008 , 57, 1173-83	7.4	34
194	Enhanced antitumor effects by combining an IL-12/anti-DNA fusion protein with avelumab, an anti-PD-L1 antibody. <i>Oncotarget</i> , 2017 , 8, 20558-20571	3.3	34
193	An IL-15 superagonist/IL-15R α fusion complex protects and rescues NK cell-cytotoxic function from TGF- β -mediated immunosuppression. <i>Cancer Immunology, Immunotherapy</i> , 2018 , 67, 675-689	7.4	33
192	Amplification of the lytic potential of effector/memory CD8 $^+$ cells by vector-based enhancement of ICAM-1 (CD54) in target cells: implications for intratumoral vaccine therapy. <i>Cancer Gene Therapy</i> , 2004 , 11, 665-80	5.4	33
191	Grafting of "abbreviated" complementarity-determining regions containing specificity-determining residues essential for ligand contact to engineer a less immunogenic humanized monoclonal antibody. <i>Journal of Immunology</i> , 2002 , 169, 3076-84	5.3	33
190	Strategies for the development of recombinant vaccines for the immunotherapy of breast cancer. <i>Breast Cancer Research and Treatment</i> , 1996 , 38, 27-39	4.4	33
189	Tumor-associated glycoprotein-72 serum levels complement carcinoembryonic antigen levels in monitoring patients with gastrointestinal carcinoma. A longitudinal study. <i>Cancer</i> , 1991 , 68, 2443-50	6.4	33
188	Analyses of functions of an anti-PD-L1/TGFB2 bispecific fusion protein (M7824). <i>Oncotarget</i> , 2017 , 8, 75217-75231	3.3	33
187	Simultaneous inhibition of CXCR1/2, TGF- β and PD-L1 remodels the tumor and its microenvironment to drive antitumor immunity 2020 , 8,		32
186	The combined activation of positive costimulatory signals with modulation of a negative costimulatory signal for the enhancement of vaccine-mediated T-cell responses. <i>Cancer Immunology, Immunotherapy</i> , 2007 , 56, 1471-84	7.4	32
185	Minimizing the immunogenicity of antibodies for clinical application. <i>Tumor Biology</i> , 2005 , 26, 31-43	2.9	32
184	4-1BB ligand enhances tumor-specific immunity of poxvirus vaccines. <i>Vaccine</i> , 2006 , 24, 4975-86	4.1	32
183	Epigenetic priming of both tumor and NK cells augments antibody-dependent cellular cytotoxicity elicited by the anti-PD-L1 antibody avelumab against multiple carcinoma cell types. <i>OncolImmunology</i> , 2018 , 7, e1466018	7.2	32

182	Phase I study of intraprostatic vaccine administration in men with locally recurrent or progressive prostate cancer. <i>Cancer Immunology, Immunotherapy</i> , 2013 , 62, 1521-31	7.4	31
181	Biodistribution and preclinical radioimmunotherapy studies using radiolanthanide-labeled immunoconjugates. <i>Cancer</i> , 1994 , 73, 993-8	6.4	31
180	Samarium-153-EDTMP (Quadramet [®]) with or without vaccine in metastatic castration-resistant prostate cancer: A randomized Phase 2 trial. <i>Oncotarget</i> , 2016 , 7, 69014-69023	3.3	31
179	Identification of an interferon-gamma-inducible carcinoembryonic antigen (CEA) CD8(+) T-cell epitope, which mediates tumor killing in CEA transgenic mice. <i>Cancer Research</i> , 2002 , 62, 5058-64	10.1	31
178	Vaccine-mediated immunotherapy directed against a transcription factor driving the metastatic process. <i>Cancer Research</i> , 2014 , 74, 1945-57	10.1	30
177	Inhibition of WEE1 kinase and cell cycle checkpoint activation sensitizes head and neck cancers to natural killer cell therapies 2018 , 6, 59		29
176	Translational Research Working Group developmental pathway for immune response modifiers. <i>Clinical Cancer Research</i> , 2008 , 14, 5692-9	12.9	29
175	ADCC employing an NK cell line (haNK) expressing the high affinity CD16 allele with avelumab, an anti-PD-L1 antibody. <i>International Journal of Cancer</i> , 2017 , 141, 583-593	7.5	27
174	A Phase I Dose-Escalation Trial of BN-CV301, a Recombinant Poxviral Vaccine Targeting MUC1 and CEA with Costimulatory Molecules. <i>Clinical Cancer Research</i> , 2019 , 25, 4933-4944	12.9	27
173	Strategies to target molecules that control the acquisition of a mesenchymal-like phenotype by carcinoma cells. <i>Experimental Biology and Medicine</i> , 2011 , 236, 537-45	3.7	27
172	The diversity of T-cell co-stimulation in the induction of antitumor immunity. <i>Immunological Reviews</i> , 1999 , 170, 73-84	11.3	27
171	ras oncogene p21 as a tumor marker in the cytodiagnosis of gastric and colonic carcinomas. <i>Cancer</i> , 1987 , 60, 2432-6	6.4	27
170	Therapeutic vaccines in metastatic castration-resistant prostate cancer: principles in clinical trial design. <i>Expert Opinion on Biological Therapy</i> , 2010 , 10, 19-28	5.4	26
169	Identification of a human CD8+ T lymphocyte neo-epitope created by a ras codon 12 mutation which is restricted by the HLA-A2 allele. <i>Cellular Immunology</i> , 1998 , 187, 103-16	4.4	26
168	Potential approach to immunotherapy of chronic lymphocytic leukemia (CLL): enhanced immunogenicity of CLL cells via infection with vectors encoding for multiple costimulatory molecules. <i>Blood</i> , 2005 , 106, 3515-23	2.2	26
167	CDR substitutions of a humanized monoclonal antibody (CC49): contributions of individual CDRs to antigen binding and immunogenicity. <i>Molecular Immunology</i> , 1999 , 36, 1079-91	4.3	26
166	Comparative studies on the expression of tumor-associated glycoprotein (TAG-72), CA 19-9 and DU-PAN-2 in normal, benign and malignant pancreatic tissue. <i>International Journal of Cancer</i> , 1988 , 42, 681-6	7.5	26
165	Harnessing the unique local immunostimulatory properties of modified vaccinia Ankara (MVA) virus to generate superior tumor-specific immune responses and antitumor activity in a diversified prime and boost vaccine regimen. <i>Vaccine</i> , 2009 , 27, 4475-82	4.1	25

164	Immunization with a syngeneic tumor infected with recombinant vaccinia virus expressing granulocyte-macrophage colony-stimulating factor (GM-CSF) induces tumor regression and long-lasting systemic immunity. <i>Journal of Immunotherapy</i> , 1997 , 20, 449-59	5	25
163	Tumor-induced impairment of TCR signaling results in compromised functionality of tumor-infiltrating regulatory T cells. <i>Journal of Immunology</i> , 2008 , 180, 5871-81	5.3	25
162	Immunohistochemical evaluation of ras oncogene expression in pulmonary and pleural neoplasms. <i>Vigiliae Christianae</i> , 1987 , 53, 146-52	0.2	25
161	Analyses of Pretherapy Peripheral Immunoscore and Response to Vaccine Therapy. <i>Cancer Immunology Research</i> , 2016 , 4, 755-65	12.5	25
160	Local delivery of recombinant vaccinia virus encoding for neu counteracts growth of mammary tumors more efficiently than systemic delivery in neu transgenic mice. <i>Cancer Immunology, Immunotherapy</i> , 2010 , 59, 1247-58	7.4	24
159	Tumor-associated antigen TAG-72: correlation of expression in primary and metastatic breast carcinoma lesions. <i>Breast Cancer Research and Treatment</i> , 1985 , 6, 49-56	4.4	24
158	The generation and analyses of a novel combination of recombinant adenovirus vaccines targeting three tumor antigens as an immunotherapeutic. <i>Oncotarget</i> , 2015 , 6, 31344-59	3.3	24
157	Up-regulation of proliferative and migratory genes in regulatory T cells from patients with metastatic castration-resistant prostate cancer. <i>International Journal of Cancer</i> , 2013 , 133, 373-82	7.5	23
156	TGF-beta modulates the functionality of tumor-infiltrating CD8+ T cells through effects on TCR signaling and Spred1 expression. <i>Cancer Immunology, Immunotherapy</i> , 2009 , 58, 1809-18	7.4	23
155	New gene expressed in prostate: a potential target for T cell-mediated prostate cancer immunotherapy. <i>Cancer Immunology, Immunotherapy</i> , 2010 , 59, 63-71	7.4	23
154	Induction of anti-tumor immunity elicited by tumor cells expressing a murine LFA-3 analog via a recombinant vaccinia virus. <i>Human Gene Therapy</i> , 1999 , 10, 623-31	4.8	23
153	A Phase I Trial Using a Multitargeted Recombinant Adenovirus 5 (CEA/MUC1/Brachyury)-Based Immunotherapy Vaccine Regimen in Patients with Advanced Cancer. <i>Oncologist</i> , 2020 , 25, 479-e899	5.7	23
152	Anti-PD-L1/TGFB2 (M7824) fusion protein induces immunogenic modulation of human urothelial carcinoma cell lines, rendering them more susceptible to immune-mediated recognition and lysis. <i>Urologic Oncology: Seminars and Original Investigations</i> , 2018 , 36, 93.e1-93.e11	2.8	23
151	Overcoming hypoxia-induced functional suppression of NK cells 2020 , 8,		22
150	Immunomodulation to enhance the efficacy of an HPV therapeutic vaccine 2020 , 8,		22
149	Identification and characterization of a cytotoxic T-lymphocyte agonist epitope of brachyury, a transcription factor involved in epithelial to mesenchymal transition and metastasis. <i>Cancer Immunology, Immunotherapy</i> , 2014 , 63, 1307-17	7.4	22
148	Neoadjuvant PROSTVAC prior to radical prostatectomy enhances T-cell infiltration into the tumor immune microenvironment in men with prostate cancer 2020 , 8,		21
147	Identification and characterization of agonist epitopes of the MUC1-C oncoprotein. <i>Cancer Immunology, Immunotherapy</i> , 2014 , 63, 161-74	7.4	21

146	Pan-Bcl-2 inhibitor, GX15-070 (obatoclox), decreases human T regulatory lymphocytes while preserving effector T lymphocytes: a rationale for its use in combination immunotherapy. <i>Journal of Immunology</i> , 2014 , 192, 2622-33	5.3	21
145	Minimizing immunogenicity of the SDR-grafted humanized antibody CC49 by genetic manipulation of the framework residues. <i>Molecular Immunology</i> , 2003 , 40, 337-49	4.3	21
144	Phase I open-label, multiple ascending dose trial of MSB0010718C, an anti-PD-L1 monoclonal antibody, in advanced solid malignancies.. <i>Journal of Clinical Oncology</i> , 2014 , 32, 3064-3064	2.2	21
143	Effect of cabozantinib on immunosuppressive subsets in metastatic urothelial carcinoma.. <i>Journal of Clinical Oncology</i> , 2014 , 32, 4501-4501	2.2	21
142	Aberrant expression of the embryonic transcription factor brachyury in human tumors detected with a novel rabbit monoclonal antibody. <i>Oncotarget</i> , 2015 , 6, 4853-62	3.3	21
141	Bintrafusp alfa, a bifunctional fusion protein targeting TGF- β and PD-L1, in patients with human papillomavirus-associated malignancies 2020 , 8,		21
140	The association of clinical outcome and peripheral T-cell subsets in metastatic colorectal cancer patients receiving first-line FOLFIRI plus bevacizumab therapy. <i>Oncolmmunology</i> , 2016 , 5, e1188243	7.2	20
139	A pilot safety trial investigating a vector-based vaccine targeting carcinoembryonic antigen in combination with radiotherapy in patients with gastrointestinal malignancies metastatic to the liver. <i>Expert Opinion on Biological Therapy</i> , 2011 , 11, 1409-18	5.4	20
138	Enhanced immune responses and anti-tumor activity by baculovirus recombinant carcinoembryonic antigen (CEA) in mice primed with the recombinant vaccinia CEA. <i>Journal of Immunotherapy</i> , 1994 , 16, 275-82	5	20
137	Rational antigen modification as a strategy to upregulate or downregulate antigen recognition. <i>Current Opinion in Immunology</i> , 2000 , 12, 85-91	7.8	19
136	Applications of immunocytochemistry to clinical cytology. <i>Cancer Investigation</i> , 1987 , 5, 593-611	2.1	19
135	Tumor control via targeting PD-L1 with chimeric antigen receptor modified NK cells. <i>ELife</i> , 2020 , 9,	8.9	19
134	Therapeutic Vaccines for HPV-Associated Malignancies. <i>ImmunoTargets and Therapy</i> , 2020 , 9, 167-200	9	19
133	A phase I study of recombinant (r) vaccinia-CEA(6D)-TRICOM and rFowlpox-CEA(6D)-TRICOM vaccines with GM-CSF and IFN- β in patients with CEA-expressing carcinomas. <i>Cancer Immunology, Immunotherapy</i> , 2016 , 65, 1353-1364	7.4	19
132	Efficient Tumor Clearance and Diversified Immunity through Neoepitope Vaccines and Combinatorial Immunotherapy. <i>Cancer Immunology Research</i> , 2019 , 7, 1359-1370	12.5	18
131	The role of soluble CD40L in immunosuppression. <i>Oncolmmunology</i> , 2013 , 2, e22546	7.2	18
130	Identification of cytotoxic T-lymphocyte epitope(s) and its agonist epitope(s) of a novel target for vaccine therapy (PAGE4). <i>International Journal of Cancer</i> , 2007 , 121, 595-605	7.5	18
129	Vaccines as an Integral Component of Cancer Immunotherapy. <i>JAMA - Journal of the American Medical Association</i> , 2018 , 320, 2195-2196	27.4	18

128	In vitro affinity maturation of a specificity-determining region-grafted humanized anticarcinoma antibody: isolation and characterization of minimally immunogenic high-affinity variants. <i>Clinical Cancer Research</i> , 2003 , 9, 5521-31	12.9	18
127	Maturation of human dendritic cells with <i>Saccharomyces cerevisiae</i> (yeast) reduces the number and function of regulatory T cells and enhances the ratio of antigen-specific effectors to regulatory T cells. <i>Vaccine</i> , 2011 , 29, 4992-9	4.1	17
126	In vivo evaluation of a lead-labeled monoclonal antibody using the DOTA ligand. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 1998 , 25, 471-80	8.8	17
125	Intratumoral delivery of vector mediated IL-2 in combination with vaccine results in enhanced T cell avidity and anti-tumor activity. <i>Cancer Immunology, Immunotherapy</i> , 2007 , 56, 1897-910	7.4	17
124	Efficient ADCC killing of meningioma by avelumab and a high-affinity natural killer cell line, haNK. <i>JCI Insight</i> , 2019 , 4,	9.9	17
123	Chronic lymphocytic leukemia (CLL) cells genetically modified to express B7-1, ICAM-1, and LFA-3 confer APC capacity to T cells from CLL patients. <i>Cancer Immunology, Immunotherapy</i> , 2009 , 58, 955-65	7.4	16
122	Vector-based delivery of tumor-associated antigens and T-cell co-stimulatory molecules in the induction of immune responses and anti-tumor immunity. <i>Cancer Detection and Prevention</i> , 2002 , 26, 275-91		16
121	Safety and clinical activity of PD-L1 blockade in patients with aggressive recurrent respiratory papillomatosis 2019 , 7, 119		15
120	Acquisition of antigen presentosome (APS), an MHC/costimulatory complex, is a checkpoint of memory T-cell homeostasis. <i>Blood</i> , 2007 , 109, 2488-95	2.2	15
119	Persistence, immune specificity, and functional ability of murine mutant ras epitope-specific CD4(+) and CD8(+) T lymphocytes following in vivo adoptive transfer. <i>Cellular Immunology</i> , 1999 , 194, 78-89	4.4	15
118	Preliminary results from a phase 1 trial of M7824 (MSB0011359C), a bifunctional fusion protein targeting PD-L1 and TGF- β in advanced solid tumors.. <i>Journal of Clinical Oncology</i> , 2017 , 35, 3006-3006	2.2	15
117	The multi-functionality of N-809, a novel fusion protein encompassing anti-PD-L1 and the IL-15 superagonist fusion complex. <i>OncImmunology</i> , 2019 , 8, e1532764	7.2	15
116	Identification and characterization of enhancer agonist human cytotoxic T-cell epitopes of the human papillomavirus type 16 (HPV16) E6/E7. <i>Vaccine</i> , 2017 , 35, 2605-2611	4.1	14
115	Direct and antibody-dependent cell-mediated cytotoxicity of head and neck squamous cell carcinoma cells by high-affinity natural killer cells. <i>Oral Oncology</i> , 2019 , 90, 38-44	4.4	14
114	Potential for recombinant immunoglobulin constructs in the management of carcinoma. <i>Cancer</i> , 1994 , 73, 1105-13	6.4	14
113	Pharmacokinetic profile and receptor occupancy of avelumab (MSB0010718C), an anti-PD-L1 monoclonal antibody, in a phase I, open-label, dose escalation trial in patients with advanced solid tumors.. <i>Journal of Clinical Oncology</i> , 2015 , 33, 3055-3055	2.2	14
112	Intratumoral delivery of recombinant vaccinia virus encoding for ErbB2/Neu inhibits the growth of salivary gland carcinoma cells. <i>Journal of Translational Medicine</i> , 2014 , 12, 122	8.5	13
111	A phase II randomized clinical trial of samarium-153 EDTMP (Sm-153) with or without PSA-TRICOM vaccine in metastatic castration-resistant prostate cancer (mCRPC) after docetaxel.. <i>Journal of Clinical Oncology</i> , 2013 , 31, 102-102	2.2	13

110	IgG responses to tissue-associated antigens as biomarkers of immunological treatment efficacy. <i>Journal of Biomedicine and Biotechnology</i> , 2011 , 2011, 454861		12
109	Enhanced expression of lymphotactin by CD8+ T cells is selectively induced by enhancer agonist peptides of tumor-associated antigens. <i>Cytokine</i> , 2003 , 24, 128-42	4	12
108	Generation, purification, and characterization of a recombinant source of human prostate-specific antigen. <i>Journal of Clinical Laboratory Analysis</i> , 1995 , 9, 261-8	3	12
107	Abstract CT075: Phase I evaluation of M7824, a bifunctional fusion protein targeting TGF- β and PD-L1, in patients with human papillomavirus (HPV)-associated malignancies 2019 ,		12
106	ABO blood type correlates with survival on prostate cancer vaccine therapy. <i>Oncotarget</i> , 2015 , 6, 32244-56	5.6	12
105	Cooperative Immune-Mediated Mechanisms of the HDAC Inhibitor Entinostat, an IL15 Superagonist, and a Cancer Vaccine Effectively Synergize as a Novel Cancer Therapy. <i>Clinical Cancer Research</i> , 2020 , 26, 704-716	12.9	12
104	The Development of Next-generation PBMC Humanized Mice for Preclinical Investigation of Cancer Immunotherapeutic Agents. <i>Anticancer Research</i> , 2020 , 40, 5329-5341	2.3	12
103	Temporal changes within the (bladder) tumor microenvironment that accompany the therapeutic effects of the immunocytokine NHS-IL12 2019 , 7, 150		11
102	Combination therapy with an OX40L fusion protein and a vaccine targeting the transcription factor twist inhibits metastasis in a murine model of breast cancer. <i>Oncotarget</i> , 2017 , 8, 90825-90841	3.3	11
101	Distinct effects of saracatinib on memory CD8+ T cell differentiation. <i>Journal of Immunology</i> , 2012 , 188, 4323-33	5.3	11
100	General keynote: vaccine strategies for the therapy of ovarian cancer. <i>Gynecologic Oncology</i> , 2003 , 88, S97-104; discussion S110-3	4.9	11
99	Vector-driven hyperexpression of a triad of costimulatory molecules confers enhanced T-cell stimulatory capacity to DC precursors. <i>Critical Reviews in Oncology/Hematology</i> , 2001 , 39, 43-57	7	11
98	Carcinoembryonic antigen regulation in human colorectal tumor cells by a site-selective cyclic AMP analogue: a comparison with interferon-gamma. <i>International Journal of Cancer</i> , 1991 , 48, 413-22	7.5	11
97	Phase I Trial of a Modified Vaccinia Ankara Priming Vaccine Followed by a Fowlpox Virus Boosting Vaccine Modified to Express Brachyury and Costimulatory Molecules in Advanced Solid Tumors. <i>Oncologist</i> , 2020 , 25, 560-e1006	5.7	10
96	A potential therapy for chordoma via antibody-dependent cell-mediated cytotoxicity employing NK or high-affinity NK cells in combination with cetuximab. <i>Journal of Neurosurgery</i> , 2018 , 128, 1419-1427	3.2	10
95	Recent advances in therapeutic cancer vaccines. <i>Cancer Biotherapy and Radiopharmaceuticals</i> , 2012 , 27, 2-5	3.9	10
94	Phase I trial of an enhanced prostate-specific antigen-based vaccine and anti-CTLA-4 antibody in patients with metastatic androgen-independent prostate cancer. <i>Clinical Genitourinary Cancer</i> , 2007 , 5, 347-50	3.3	10
93	Phase I study of a multitargeted recombinant Ad5 PSA/MUC-1/brachyury-based immunotherapy vaccine in patients with metastatic castration-resistant prostate cancer (mCRPC) 2021 , 9,		10

92	The Use of a Humanized NSG- α m Model for Investigation of Immune and Anti-tumor Effects Mediated by the Bifunctional Immunotherapeutic Bintrafusp Alfa. <i>Frontiers in Oncology</i> , 2020 , 10, 549	5.3	9
91	Functional and mechanistic advantage of the use of a bifunctional anti-PD-L1/IL-15 superagonist 2020 , 8,		9
90	Vaccines as monotherapy and in combination therapy for prostate cancer. <i>Clinical and Translational Science</i> , 2010 , 3, 116-22	4.9	9
89	Strategies for the development of PSA-based vaccines for the treatment of advanced prostate cancer. <i>Expert Review of Vaccines</i> , 2003 , 2, 483-93	5.2	9
88	Randomized, Double-Blind, Placebo-Controlled Phase II Study of Yeast-Brachyury Vaccine (GI-6301) in Combination with Standard-of-Care Radiotherapy in Locally Advanced, Unresectable Chordoma. <i>Oncologist</i> , 2021 , 26, e847-e858	5.7	9
87	Effect of talactoferrin alfa on the immune system in adults with non-small cell lung cancer. <i>Oncologist</i> , 2013 , 18, 821-2	5.7	8
86	Vaccination with a recombinant vaccinia vaccine containing the B7-1 co-stimulatory molecule causes no significant toxicity and enhances T cell-mediated cytotoxicity. <i>International Journal of Cancer</i> , 2000 , 85, 508-17	7.5	8
85	Clinical evaluation of serum tumor-associated glycoprotein-72 as a novel tumor marker for colorectal cancer patients. <i>Journal of Surgical Oncology</i> , 1991 , 2, 16-20	2.8	8
84	Interim analysis of a phase II randomized clinical trial of samrium-153 (Sm-153) with or without PSA-TRICOM vaccine in metastatic castration-resistant prostate cancer after docetaxel.. <i>Journal of Clinical Oncology</i> , 2012 , 30, 2526-2526	2.2	8
83	Early changes in immune cell subsets with corticosteroids in patients with solid tumors: implications for COVID-19 management 2020 , 8,		8
82	A Randomized, Double-blind, Phase II Trial of PSA-TRICOM (PROSTVAC) in Patients with Localized Prostate Cancer: The Immunotherapy to Prevent Progression on Active Surveillance Study. <i>European Urology Focus</i> , 2018 , 4, 636-638	5.1	8
81	The consequence of immune suppressive cells in the use of therapeutic cancer vaccines and their importance in immune monitoring. <i>Journal of Biomedicine and Biotechnology</i> , 2011 , 2011, 182413		7
80	Applications of monoclonal antibodies and recombinant cytokines for the treatment of human colorectal and other carcinomas. <i>Journal of Surgical Oncology</i> , 1991 , 2, 9-13	2.8	7
79	Lymphokine-activated killer cell cytotoxicity against human colon carcinomas enhanced by monoclonal antibody D612. <i>International Journal of Cancer</i> , 1990 , 46, 1021-8	7.5	7
78	Development of quantitative liquid competition radioimmunoassays for the ras oncogene and proto-oncogene p21 products. <i>International Journal of Cancer</i> , 1986 , 38, 587-95	7.5	7
77	Chimeric antigen receptor engineered NK cellular immunotherapy overcomes the selection of T-cell escape variant cancer cells 2021 , 9,		7
76	Characterization of recombinant gorilla adenovirus HPV therapeutic vaccine PRGN-2009. <i>JCI Insight</i> , 2021 , 6,	9.9	7
75	Antigen-presenting cells containing multiple costimulatory molecules promote activation and expansion of human antigen-specific memory CD8+ T cells. <i>Cancer Immunology, Immunotherapy</i> , 2009 , 58, 503-15	7.4	6

74	Safety and clinical activity of anti-programmed death-ligand 1 (PD-L1) antibody (ab) avelumab (MSB0010718C) in advanced thymic epithelial tumors (TETs).. <i>Journal of Clinical Oncology</i> , 2016 , 34, e20106-e20106		
73	Enhanced immunotherapy by combining a vaccine with a novel murine GITR ligand fusion protein. <i>Oncotarget</i> , 2017 , 8, 73469-73482	3.3	6
72	Combination therapies utilizing neoepitope-targeted vaccines. <i>Cancer Immunology, Immunotherapy</i> , 2021 , 70, 875-885	7.4	6
71	Differential gene expression profiles in a human T-cell line stimulated with a tumor-associated self-peptide versus an enhancer agonist peptide. <i>Clinical Cancer Research</i> , 2003 , 9, 1616-27	12.9	6
70	A novel ELISPOT assay to enhance detection of antigen-specific T cells employing antigen-presenting cells expressing vector-driven human B7-1. <i>Journal of Immunological Methods</i> , 2003 , 279, 183-92	2.5	5
69	Abstract 594: Dual targeting of TGF β and PD-L1 promotes potent anti-tumor efficacy in multiple murine models of solid carcinomas 2017 ,		5
68	Therapy of Established Tumors with Rationally Designed Multiple Agents Targeting Diverse Immune-Tumor Interactions: Engage, Expand, Enable. <i>Cancer Immunology Research</i> , 2021 , 9, 239-252	12.5	5
67	NCI experience using yeast-brachyury vaccine (GI-6301) in patients (pts) with advanced chordoma.. <i>Journal of Clinical Oncology</i> , 2014 , 32, 3081-3081	2.2	5
66	A randomized, prospective, phase II study to determine the efficacy of BCG given in combination with panvac versus BCG alone in adults with high grade non-muscle invasive bladder cancer who failed at least one induction course of BCG.. <i>Journal of Clinical Oncology</i> , 2014 , 32, TPS4590-TPS4590	2.2	5
65	Immunotherapy for biochemically recurrent prostate cancer.. <i>Journal of Clinical Oncology</i> , 2018 , 36, 215-215	2.1	5
64	A Case Report of Sequential Use of a Yeast-CEA Therapeutic Cancer Vaccine and Anti-PD-L1 Inhibitor in Metastatic Medullary Thyroid Cancer. <i>Frontiers in Endocrinology</i> , 2020 , 11, 490	5.7	5
63	NHS-IL12, a Tumor-Targeting Immunocytokine. <i>ImmunoTargets and Therapy</i> , 2021 , 10, 155-169	9	5
62	Vaccine Increases the Diversity and Activation of Intratumoral T Cells in the Context of Combination Immunotherapy. <i>Cancers</i> , 2021 , 13,	6.6	5
61	Differential combination immunotherapy requirements for inflamed (warm) tumors versus T cell excluded (cool) tumors: engage, expand, enable, and evolve 2021 , 9,		5
60	Tumour-targeted interleukin-12 and entinostat combination therapy improves cancer survival by reprogramming the tumour immune cell landscape. <i>Nature Communications</i> , 2021 , 12, 5151	17.4	5
59	Identification by digital immunohistochemistry of intratumoral changes of immune infiltrates after vaccine in the absence of modifications of PBMC immune cell subsets. <i>International Journal of Cancer</i> , 2014 , 135, 862-70	7.5	4
58	Potential utility of the pan-Bcl-2 inhibitor GX15-070 (obatoclax) in cancer immunotherapy. <i>Oncolimmunology</i> , 2014 , 3, e29351	7.2	4
57	Immunotherapy: shifting the balance of cell-mediated immunity and suppression in human prostate cancer. <i>Cancers</i> , 2012 , 4, 1333-48	6.6	4

56	Assay for the detection of anti-idiotypic antibodies to monoclonal antibody B72.3. <i>Journal of Clinical Laboratory Analysis</i> , 1990 , 4, 465-73	3	4
55	Prospect: A randomized double-blind phase 3 efficacy study of PROSTVAC-VF immunotherapy in men with asymptomatic/minimally symptomatic metastatic castration-resistant prostate cancer.. <i>Journal of Clinical Oncology</i> , 2015 , 33, TPS5081-TPS5081	2.2	4
54	A randomized, double-blind, phase II clinical trial of GI-6301 (yeast-brachyury vaccine) versus placebo in combination with standard of care definitive radiotherapy in locally advanced, unresectable, chordoma.. <i>Journal of Clinical Oncology</i> , 2020 , 38, 11527-11527	2.2	4
53	Improving the Odds in Advanced Breast Cancer With Combination Immunotherapy: Stepwise Addition of Vaccine, Immune Checkpoint Inhibitor, Chemotherapy, and HDAC Inhibitor in Advanced Stage Breast Cancer. <i>Frontiers in Oncology</i> , 2020 , 10, 581801	5.3	4
52	The MUC1-C oncoprotein as a target in hematologic malignancies. <i>Cancer Biology and Therapy</i> , 2010 , 10, 492-4	4.6	3
51	Monoclonal antibody gene transfer. Implications for tumor-specific cell-mediated cytotoxicity. <i>Annals of the New York Academy of Sciences</i> , 1994 , 716, 154-65; discussion 165-6	6.5	3
50	Crystallographic studies and primary structure of the antitumor monoclonal CC49 FabQProteins: <i>Structure, Function and Bioinformatics</i> , 1993 , 17, 438-43	4.2	3
49	Phase II evaluation of the triple combination of PDS0101, M9241, and bintrafusp alfa in patients with HPV 16 positive malignancies.. <i>Journal of Clinical Oncology</i> , 2021 , 39, 2501-2501	2.2	3
48	Exploiting off-target effects of estrogen deprivation to sensitize estrogen receptor negative breast cancer to immune killing 2021 , 9,		3
47	Phase 1 open-label trial of intravenous administration of MVA-BN-brachyury-TRICOM vaccine in patients with advanced cancer 2021 , 9,		3
46	The impact of leukapheresis on immune-cell number and function in patients with advanced cancer. <i>Cancer Immunology, Immunotherapy</i> , 2015 , 64, 1429-35	7.4	2
45	Recombinant cancer vaccines and new vaccine targets. Interview by Jenaid Rees. <i>Expert Review of Vaccines</i> , 2013 , 12, 1121-4	5.2	2
44	Insights on Peptide Vaccines in Cancer Immunotherapy. <i>Cancer Drug Discovery and Development</i> , 2015 , 1-27	0.3	2
43	Cancer vaccine development. <i>Expert Opinion on Investigational Drugs</i> , 1998 , 7, 1439-52	5.9	2
42	A randomized phase 2 study of bicalutamide with or without metformin for biochemical recurrence in overweight or obese prostate cancer patients (BIMET-1).. <i>Prostate Cancer and Prostatic Diseases</i> , 2022 ,	6.2	2
41	Abstract 1480: Systemic immunotherapeutic efficacy of an immunocytokine, NHS-muLL12, in a superficial murine orthotopic bladder cancer model 2016 ,		2
40	A phase I study of a yeast-based therapeutic cancer vaccine, GI-6301, targeting brachyury in patients with metastatic carcinoma.. <i>Journal of Clinical Oncology</i> , 2014 , 32, e14026-e14026	2.2	2
39	Antibody dependent cellular cytotoxicity activity of a novel anti-PD-L1 antibody, avelumab (MSB0010718C), on human tumor cells.. <i>Journal of Clinical Oncology</i> , 2015 , 33, 3038-3038	2.2	2

38	Clinical and immunologic impact of short-course enzalutamide alone and with immunotherapy in non-metastatic castration sensitive prostate cancer 2021 , 9,		2
37	First-in-human phase I/II trial of PRGN-2009 vaccine as monotherapy or with bintrafusp alfa in patients with recurrent/metastatic (R/M) human papillomavirus (HPV)-associated cancers (HPVC) and as neoadjuvant/induction therapy in locoregionally advanced (LA) HPV oropharyngeal (OP) and sinonasal (SN) squamous cell cancer (SCC). <i>Journal of Clinical Oncology</i> , 2021 , 39, TPS6092-TPS6092	2.2	2
36	Identification and validation of expressed HLA-binding breast cancer neoepitopes for potential use in individualized cancer therapy 2021 , 9,		2
35	Immunology of Lynch Syndrome. <i>Current Oncology Reports</i> , 2021 , 23, 96	6.3	2
34	Analysis of the tumor microenvironment and anti-tumor efficacy of subcutaneous vs systemic delivery of the bifunctional agent bintrafusp alfa. <i>Onc Immunology</i> , 2021 , 10, 1915561	7.2	2
33	Dual PD-L1 and TGF- β blockade in patients with recurrent respiratory papillomatosis 2021 , 9,		2
32	Morphological changes induced by intraprostatic PSA-based vaccine in prostate cancer biopsies (phase I clinical trial). <i>Human Pathology</i> , 2018 , 78, 72-78	3.7	1
31	Recombinant TRICOM-based Therapeutic Cancer Vaccines: Lessons Learned 2013 , 309-331		1
30	Joint-Predominant Rheumatic Complications of Immune Checkpoint Inhibitor Therapy in Patients with Thymic Epithelial Tumors.. <i>Oncologist</i> , 2022 , 27, e353-e356	5.7	1
29	The IDO inhibitor INCB024360 to enhance dendritic cell immunogenicity and anti-tumor immunity in vitro.. <i>Journal of Clinical Oncology</i> , 2015 , 33, e14012-e14012	2.2	1
28	Impact of standard chemotherapy on peripheral blood immune cell subsets in metastatic colorectal cancer.. <i>Journal of Clinical Oncology</i> , 2015 , 33, 597-597	2.2	1
27	Dual inhibition of TGF- β and PD-L1: a novel approach to cancer treatment. <i>Molecular Oncology</i> , 2021 ,	7.9	1
26	TRICOM Poxviral-Based Vaccines for the Treatment of Cancer 2014 , 291-327		1
25	Combining active immunotherapy and immune checkpoint inhibitors in prostate cancer.. <i>Journal of Clinical Oncology</i> , 2015 , 33, e14008-e14008	2.2	1
24	Interrogation of the cellular immunome of cancer patients with regard to the COVID-19 pandemic 2021 , 9,		1
23	A phase I study of bintrafusp alfa (M7824) and NHS-IL12 (M9241) alone and in combination with stereotactic body radiation therapy (SBRT) in adults with metastatic non-prostate genitourinary malignancies.. <i>Journal of Clinical Oncology</i> , 2021 , 39, TPS4599-TPS4599	2.2	1
22	A phase I/II study of bintrafusp alfa and NHS-IL12 in combination with docetaxel in adults with metastatic castration sensitive (mCSPC) and castration-resistant prostate cancer (mCRPC).. <i>Journal of Clinical Oncology</i> , 2021 , 39, TPS5096-TPS5096	2.2	1
21	Evaluating the optimal sequence of immunotherapy and docetaxel in men with metastatic castration-sensitive prostate cancer.. <i>Journal of Clinical Oncology</i> , 2022 , 40, 130-130	2.2	1

20	Cure of syngeneic carcinomas with targeted IL-12 through obligate reprogramming of lymphoid and myeloid immunity.. <i>JCI Insight</i> , 2022 , 7,	9.9	1
19	A Randomized Phase II Trial of mFOLFOX6 + Bevacizumab Alone or with AdCEA Vaccine + Avelumab Immunotherapy for Untreated Metastatic Colorectal Cancer.. <i>Oncologist</i> , 2022 , 27, 198-209	5.7	0
18	Preclinical study of a novel therapeutic vaccine for recurrent respiratory papillomatosis. <i>Npj Vaccines</i> , 2021 , 6, 86	9.5	0
17	The immunocytokine M9241 in the treatment of prostate cancer (PCa): Clinical and immune data from a phase 1 study.. <i>Journal of Clinical Oncology</i> , 2022 , 40, 127-127	2.2	0
16	Safety evaluation of M9241 in combination with docetaxel in metastatic prostate cancer.. <i>Journal of Clinical Oncology</i> , 2022 , 40, 93-93	2.2	0
15	Preclinical and clinical studies of bintrafusp alfa, a novel bifunctional anti-PD-L1/TGFBII agent: Current status.. <i>Experimental Biology and Medicine</i> , 2022 , 15353702221089910	3.7	0
14	Introduction: Therapeutic cancer vaccines. <i>Seminars in Oncology</i> , 2012 , 39, 243-4	5.5	
13	The Use of T Cell Costimulation to Enhance the Immunogenicity of Tumors 2014 , 315-334		
12	Recombinant Viral and Bacterial Vaccines 2007 , 217-250		
11	Pox Viral Vaccines 2004 , 175-191		
10	Modification of B-CLL Cells Via Infection with a Replication-Defective MVA Virus Encoding Three Costimulatory Molecules: A Potential Approach to Tumor Cell Immunotherapy of B-CLL.. <i>Blood</i> , 2004 , 104, 2516-2516	2.2	
9	Immunotherapy utilizing the combined use of NK and ADCC mediating agents with PARP inhibition.. <i>Journal of Clinical Oncology</i> , 2018 , 36, 5021-5021	2.2	
8	Monoclonal antibodies in the management of carcinoma patients. <i>Medical Oncology and Tumor Pharmacotherapy</i> , 1991 , 8, 223-8		
7	Cancer Immunology, Immunotherapeutics, and Vaccine Approaches 2010 , 305-319		
6	Safety profile of poxviral vaccines: NCI experience.. <i>Journal of Clinical Oncology</i> , 2013 , 31, 85-85	2.2	
5	The Importance of Cellular Immunity in the Development of Vaccines and Therapeutics for COVID-19. <i>Journal of Infectious Diseases</i> , 2020 , 222, 1435-1438	7	
4	A phase 1 open label trial of intravenous administration of MVA-BN-Brachyury vaccine in patients with advanced cancer.. <i>Journal of Clinical Oncology</i> , 2021 , 39, 2617-2617	2.2	
3	Peptide-based vaccines 2022 , 155-173		

- 2 Immunotherapy to prevent progression on active surveillance study (IPASS): A phase II, randomized, double-blind, controlled trial of PROSTVAC in prostate cancer patients who are candidates for active surveillance.. *Journal of Clinical Oncology*, **2022**, 40, 249-249 2.2
- 1 Translational Advances in Cancer Prevention Agent Development (TACPAD) Virtual Workshop on Immunomodulatory Agents: Report.. *Journal of Cancer Prevention*, **2021**, 26, 309-317 3