

Robert H Vonderheide

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

106
papers

18,121
citations

54
h-index

111
g-index

111
ext. papers

22,977
ext. citations

15.1
avg, IF

7.03
L-index

#	Paper	IF	Citations
106	Understanding the tumor immune microenvironment (TIME) for effective therapy. <i>Nature Medicine</i> , 2018 , 24, 541-550	50.5	1772
105	Radiation and dual checkpoint blockade activate non-redundant immune mechanisms in cancer. <i>Nature</i> , 2015 , 520, 373-7	50.4	1509
104	EMT and dissemination precede pancreatic tumor formation. <i>Cell</i> , 2012 , 148, 349-61	56.2	1422
103	Recommendations for myeloid-derived suppressor cell nomenclature and characterization standards. <i>Nature Communications</i> , 2016 , 7, 12150	17.4	1388
102	CD40 agonists alter tumor stroma and show efficacy against pancreatic carcinoma in mice and humans. <i>Science</i> , 2011 , 331, 1612-6	33.3	1177
101	T-cell invigoration to tumour burden ratio associated with anti-PD-1 response. <i>Nature</i> , 2017 , 545, 60-65	50.4	850
100	Dynamics of the immune reaction to pancreatic cancer from inception to invasion. <i>Cancer Research</i> , 2007 , 67, 9518-27	10.1	668
99	Tumor-derived granulocyte-macrophage colony-stimulating factor regulates myeloid inflammation and T cell immunity in pancreatic cancer. <i>Cancer Cell</i> , 2012 , 21, 822-35	24.3	648
98	Tumor Interferon Signaling Regulates a Multigenic Resistance Program to Immune Checkpoint Blockade. <i>Cell</i> , 2016 , 167, 1540-1554.e12	56.2	538
97	The telomerase catalytic subunit is a widely expressed tumor-associated antigen recognized by cytotoxic T lymphocytes. <i>Immunity</i> , 1999 , 10, 673-9	32.3	475
96	Clinical activity and immune modulation in cancer patients treated with CP-870,893, a novel CD40 agonist monoclonal antibody. <i>Journal of Clinical Oncology</i> , 2007 , 25, 876-83	2.2	382
95	A phase I study of an agonist CD40 monoclonal antibody (CP-870,893) in combination with gemcitabine in patients with advanced pancreatic ductal adenocarcinoma. <i>Clinical Cancer Research</i> , 2013 , 19, 6286-95	12.9	321
94	Agonistic CD40 antibodies and cancer therapy. <i>Clinical Cancer Research</i> , 2013 , 19, 1035-43	12.9	300
93	Cancer-Associated Fibroblasts Neutralize the Anti-tumor Effect of CSF1 Receptor Blockade by Inducing PMN-MDSC Infiltration of Tumors. <i>Cancer Cell</i> , 2017 , 32, 654-668.e5	24.3	293
92	Induction of T-cell Immunity Overcomes Complete Resistance to PD-1 and CTLA-4 Blockade and Improves Survival in Pancreatic Carcinoma. <i>Cancer Immunology Research</i> , 2015 , 3, 399-411	12.5	289
91	Tumor Cell-Intrinsic Factors Underlie Heterogeneity of Immune Cell Infiltration and Response to Immunotherapy. <i>Immunity</i> , 2018 , 49, 178-193.e7	32.3	287
90	Tumor-Promoting Desmoplasia Is Disrupted by Depleting FAP-Expressing Stromal Cells. <i>Cancer Research</i> , 2015 , 75, 2800-2810	10.1	247

89	CD25 blockade depletes and selectively reprograms regulatory T cells in concert with immunotherapy in cancer patients. <i>Science Translational Medicine</i> , 2012 , 4, 134ra62	17.5	216
88	Fatty acid transport protein β reprograms neutrophils in cancer. <i>Nature</i> , 2019 , 569, 73-78	50.4	215
87	Tremelimumab in combination with exemestane in patients with advanced breast cancer and treatment-associated modulation of inducible costimulator expression on patient T cells. <i>Clinical Cancer Research</i> , 2010 , 16, 3485-94	12.9	212
86	Vaccination of cancer patients against telomerase induces functional antitumor CD8+ T lymphocytes. <i>Clinical Cancer Research</i> , 2004 , 10, 828-39	12.9	211
85	Exclusion of T Cells From Pancreatic Carcinomas in Mice Is Regulated by Ly6C(low) F4/80(+) Extratumoral Macrophages. <i>Gastroenterology</i> , 2015 , 149, 201-10	13.3	182
84	Phase I study of recombinant human CD40 ligand in cancer patients. <i>Journal of Clinical Oncology</i> , 2001 , 19, 3280-7	2.2	182
83	Safety and Efficacy of Intratumoral Injections of Chimeric Antigen Receptor (CAR) T Cells in Metastatic Breast Cancer. <i>Cancer Immunology Research</i> , 2017 , 5, 1152-1161	12.5	181
82	The Immune Revolution: A Case for Priming, Not Checkpoint. <i>Cancer Cell</i> , 2018 , 33, 563-569	24.3	170
81	CD40 Agonist Antibodies in Cancer Immunotherapy. <i>Annual Review of Medicine</i> , 2020 , 71, 47-58	17.4	156
80	Immunoglobulin framework-derived peptides function as cytotoxic T-cell epitopes commonly expressed in B-cell malignancies. <i>Nature Medicine</i> , 2000 , 6, 667-72	50.5	155
79	Mitigating the toxic effects of anticancer immunotherapy. <i>Nature Reviews Clinical Oncology</i> , 2014 , 11, 91-9	19.4	150
78	Immunotherapy and Prevention of Pancreatic Cancer. <i>Trends in Cancer</i> , 2018 , 4, 418-428	12.5	146
77	Prospect of targeting the CD40 pathway for cancer therapy. <i>Clinical Cancer Research</i> , 2007 , 13, 1083-8	12.9	136
76	CD40 Stimulation Obviates Innate Sensors and Drives T Cell Immunity in Cancer. <i>Cell Reports</i> , 2016 , 15, 2719-32	10.6	134
75	Inflammatory networks and immune surveillance of pancreatic carcinoma. <i>Current Opinion in Immunology</i> , 2013 , 25, 200-5	7.8	134
74	Hif1a Deletion Reveals Pro-Neoplastic Function of B Cells in Pancreatic Neoplasia. <i>Cancer Discovery</i> , 2016 , 6, 256-69	24.4	133
73	Telomerase as a universal tumor-associated antigen for cancer immunotherapy. <i>Oncogene</i> , 2002 , 21, 674-9	9.2	132
72	Phase I study of the CD40 agonist antibody CP-870,893 combined with carboplatin and paclitaxel in patients with advanced solid tumors. <i>Onc Immunology</i> , 2013 , 2, e23033	7.2	131

71	CXCR2-Dependent Accumulation of Tumor-Associated Neutrophils Regulates T-cell Immunity in Pancreatic Ductal Adenocarcinoma. <i>Cancer Immunology Research</i> , 2016 , 4, 968-982	12.5	129
70	Immune Cytolytic Activity Stratifies Molecular Subsets of Human Pancreatic Cancer. <i>Clinical Cancer Research</i> , 2017 , 23, 3129-3138	12.9	127
69	RNA-transfected CD40-activated B cells induce functional T-cell responses against viral and tumor antigen targets: implications for pediatric immunotherapy. <i>Blood</i> , 2004 , 103, 2046-54	2.2	117
68	Immune modulation with weekly dosing of an agonist CD40 antibody in a phase I study of patients with advanced solid tumors. <i>Cancer Biology and Therapy</i> , 2010 , 10, 983-93	4.6	111
67	Challenges and Opportunities for Pancreatic Cancer Immunotherapy. <i>Cancer Cell</i> , 2020 , 38, 788-802	24.3	81
66	Metastatic progression is associated with dynamic changes in the local microenvironment. <i>Nature Communications</i> , 2016 , 7, 12819	17.4	79
65	Telomerase-specific T-cell immunity in breast cancer: effect of vaccination on tumor immunosurveillance. <i>Cancer Research</i> , 2007 , 67, 10546-55	10.1	79
64	Lack of immunoediting in murine pancreatic cancer reversed with neoantigen. <i>JCI Insight</i> , 2016 , 1,	9.9	79
63	CD40 immunotherapy for pancreatic cancer. <i>Cancer Immunology, Immunotherapy</i> , 2013 , 62, 949-54	7.4	77
62	Unique pattern of neutrophil migration and function during tumor progression. <i>Nature Immunology</i> , 2018 , 19, 1236-1247	19.1	77
61	Awakening the immune system with radiation: Optimal dose and fractionation. <i>Cancer Letters</i> , 2015 , 368, 185-90	9.9	68
60	Tumor cell-intrinsic EPHA2 suppresses anti-tumor immunity by regulating PTGS2 (COX-2). <i>Journal of Clinical Investigation</i> , 2019 , 129, 3594-3609	15.9	68
59	CD47 blockade as another immune checkpoint therapy for cancer. <i>Nature Medicine</i> , 2015 , 21, 1122-3	50.5	67
58	Radiotherapy and CD40 Activation Separately Augment Immunity to Checkpoint Blockade in Cancer. <i>Cancer Research</i> , 2018 , 78, 4282-4291	10.1	63
57	Long-term outcomes of a phase I study of agonist CD40 antibody and CTLA-4 blockade in patients with metastatic melanoma. <i>OncImmunology</i> , 2018 , 7, e1468956	7.2	60
56	CD40 agonistic monoclonal antibody APX005M (sotigalimab) and chemotherapy, with or without nivolumab, for the treatment of metastatic pancreatic adenocarcinoma: an open-label, multicentre, phase 1b study. <i>Lancet Oncology</i> , 2021 , 22, 118-131	21.7	59
55	A phase I trial of pembrolizumab with hypofractionated radiotherapy in patients with metastatic solid tumours. <i>British Journal of Cancer</i> , 2018 , 119, 1200-1207	8.7	59
54	Role of crosslinking for agonistic CD40 monoclonal antibodies as immune therapy of cancer. <i>Cancer Immunology Research</i> , 2014 , 2, 19-26	12.5	58

53	Activation of human B cells by the agonist CD40 antibody CP-870,893 and augmentation with simultaneous toll-like receptor 9 stimulation. <i>Journal of Translational Medicine</i> , 2009 , 7, 93	8.5	48
52	Tumor Immunity and Survival as a Function of Alternative Neopeptides in Human Cancer. <i>Cancer Immunology Research</i> , 2018 , 6, 276-287	12.5	46
51	Sufficiency of CD40 activation and immune checkpoint blockade for T cell priming and tumor immunity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020 , 117, 8022-8031	11.5	45
50	Type 1 conventional dendritic cells are systemically dysregulated early in pancreatic carcinogenesis. <i>Journal of Experimental Medicine</i> , 2020 , 217,	16.6	44
49	Identification of monocyte-like precursors of granulocytes in cancer as a mechanism for accumulation of PMN-MDSCs. <i>Journal of Experimental Medicine</i> , 2019 , 216, 2150-2169	16.6	43
48	Clinical and immunologic impact of CCR5 blockade in graft-versus-host disease prophylaxis. <i>Blood</i> , 2017 , 129, 906-916	2.2	42
47	Immunotherapy at large: the road to personalized cancer vaccines. <i>Nature Medicine</i> , 2013 , 19, 1098-100	50.5	41
46	Prospects and challenges of building a cancer vaccine targeting telomerase. <i>Biochimie</i> , 2008 , 90, 173-80	4.6	40
45	Genomic Signatures Predict the Immunogenicity of BRCA-Deficient Breast Cancer. <i>Clinical Cancer Research</i> , 2019 , 25, 4363-4374	12.9	38
44	High Graft CD8 Cell Dose Predicts Improved Survival and Enables Better Donor Selection in Allogeneic Stem-Cell Transplantation With Reduced-Intensity Conditioning. <i>Journal of Clinical Oncology</i> , 2015 , 33, 2392-8	2.2	38
43	Engineering T cells for cancer: our synthetic future. <i>Immunological Reviews</i> , 2014 , 257, 7-13	11.3	38
42	CSF-1R-Dependent Lethal Hepatotoxicity When Agonistic CD40 Antibody Is Given before but Not after Chemotherapy. <i>Journal of Immunology</i> , 2016 , 197, 179-87	5.3	37
41	Evaluation of Cyclophosphamide/GVAX Pancreas Followed by Listeria-Mesothelin (CRS-207) with or without Nivolumab in Patients with Pancreatic Cancer. <i>Clinical Cancer Research</i> , 2020 , 26, 3578-3588	12.9	36
40	Neoantigen Dissimilarity to the Self-Proteome Predicts Immunogenicity and Response to Immune Checkpoint Blockade. <i>Cell Systems</i> , 2019 , 9, 375-382.e4	10.6	36
39	Abstract CT004: A Phase Ib study of CD40 agonistic monoclonal antibody APX005M together with gemcitabine (Gem) and nab-paclitaxel (NP) with or without nivolumab (Nivo) in untreated metastatic ductal pancreatic adenocarcinoma (PDAC) patients 2019 ,		35
38	Class I-restricted T-cell responses to a polymorphic peptide in a gene therapy clinical trial for α_1 -antitrypsin deficiency. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017 , 114, 1655-1659	11.5	34
37	Phase II Study of Maintenance Rucaparib in Patients With Platinum-Sensitive Advanced Pancreatic Cancer and a Pathogenic Germline or Somatic Variant in , , or . <i>Journal of Clinical Oncology</i> , 2021 , 39, 2497-2505	2.2	34
36	Immune activation and a 9-year ongoing complete remission following CD40 antibody therapy and metastasectomy in a patient with metastatic melanoma. <i>Cancer Immunology Research</i> , 2014 , 2, 1051-8	12.5	32

35	NKG2D expression by CD8+ T cells contributes to GVHD and GVT effects in a murine model of allogeneic HSCT. <i>Blood</i> , 2015 , 125, 3655-63	2.2	31
34	A translational bridge to cancer immunotherapy: exploiting costimulation and target antigens for active and passive T cell immunotherapy. <i>Immunologic Research</i> , 2003 , 27, 341-56	4.3	26
33	CCL5 mediates CD40-driven CD4+ T cell tumor infiltration and immunity. <i>JCI Insight</i> , 2020 , 5,	9.9	24
32	De-Risking Immunotherapy: Report of a Consensus Workshop of the Cancer Immunotherapy Consortium of the Cancer Research Institute. <i>Cancer Immunology Research</i> , 2016 , 4, 279-88	12.5	22
31	Epigenetic and Transcriptional Control of the Epidermal Growth Factor Receptor Regulates the Tumor Immune Microenvironment in Pancreatic Cancer. <i>Cancer Discovery</i> , 2021 , 11, 736-753	24.4	17
30	Leukocyte Heterogeneity in Pancreatic Ductal Adenocarcinoma: Phenotypic and Spatial Features Associated with Clinical Outcome. <i>Cancer Discovery</i> , 2021 , 11, 2014-2031	24.4	16
29	Extended CCR5 Blockade for Graft-versus-Host Disease Prophylaxis Improves Outcomes of Reduced-Intensity Unrelated Donor Hematopoietic Cell Transplantation: A Phase II Clinical Trial. <i>Biology of Blood and Marrow Transplantation</i> , 2019 , 25, 515-521	4.7	16
28	Special Conference on Tumor Immunology and Immunotherapy: A New Chapter. <i>Cancer Immunology Research</i> , 2015 , 3, 590-597	12.5	13
27	Tumor-promoting inflammatory networks in pancreatic neoplasia: another reason to loathe Kras. <i>Cancer Cell</i> , 2014 , 25, 553-4	24.3	13
26	Universal tumor antigens for cancer vaccination: targeting telomerase for immunoprevention. <i>Discovery Medicine</i> , 2007 , 7, 103-8	2.5	12
25	Synergistic immunotherapy of glioblastoma by dual targeting of IL-6 and CD40. <i>Nature Communications</i> , 2021 , 12, 3424	17.4	11
24	Neoadjuvant Selicrelumab, an Agonist CD40 Antibody, Induces Changes in the Tumor Microenvironment in Patients with Resectable Pancreatic Cancer. <i>Clinical Cancer Research</i> , 2021 , 27, 4574-4586	12.9	11
23	Biochemical and functional characterization of mutant KRAS epitopes validates this oncoprotein for immunological targeting. <i>Nature Communications</i> , 2021 , 12, 4365	17.4	9
22	Reconsidering Dexamethasone for Antiemesis when Combining Chemotherapy and Immunotherapy. <i>Oncologist</i> , 2021 , 26, 269-273	5.7	9
21	A stratified phase I dose escalation trial of hypofractionated radiotherapy followed by ipilimumab in metastatic melanoma: long-term follow-up and final outcomes. <i>Oncol Immunology</i> , 2021 , 10, 1863631	7.2	9
20	Rates of COVID-19-Related Outcomes in Cancer Compared With Noncancer Patients. <i>JNCI Cancer Spectrum</i> , 2021 , 5, pkaa120	4.6	8
19	Tumor-Derived Myeloid Cell Chemoattractants and T Cell Exclusion in Pancreatic Cancer. <i>Frontiers in Immunology</i> , 2020 , 11, 605619	8.4	6
18	Pharmacodynamic Monitoring Predicts Outcomes of CCR5 Blockade as Graft-versus-Host Disease Prophylaxis. <i>Biology of Blood and Marrow Transplantation</i> , 2018 , 24, 594-599	4.7	6

17	Infusion of CD3/CD28 costimulated umbilical cord blood T cells at the time of single umbilical cord blood transplantation may enhance engraftment. <i>American Journal of Hematology</i> , 2016 , 91, 453-60	7.1	6
16	The Cancer Surfaceome Atlas integrates genomic, functional and drug response data to identify actionable targets.. <i>Nature Cancer</i> , 2021 , 2, 1406-1422	15.4	5
15	Rates of COVID-19-related Outcomes in Cancer compared to non-Cancer Patients 2020 ,		4
14	Right to Try Requests and Oncologists' Gatekeeping Obligations. <i>Journal of Clinical Oncology</i> , 2020 , 38, 111-114	2.2	4
13	Lack of a significant pharmacokinetic interaction between maraviroc and tacrolimus in allogeneic HSCT recipients. <i>Journal of Antimicrobial Chemotherapy</i> , 2015 , 70, 2078-83	5.1	3
12	Combining Radiation with Immunotherapy: The University of Pennsylvania Experience. <i>Seminars in Radiation Oncology</i> , 2020 , 30, 173-180	5.5	3
11	Hif1 Δ Deletion Limits Tissue Regeneration via Aberrant B Cell Accumulation in Experimental Pancreatitis. <i>Cell Reports</i> , 2018 , 23, 3457-3464	10.6	3
10	Phase 1 study of safety, tolerability and immunogenicity of the human telomerase (hTERT)-encoded DNA plasmids INO-1400 and INO-1401 with or without IL-12 DNA plasmid INO-9012 in adult patients with solid tumors 2021 , 9,		3
9	A Pilot Study of Galunisertib plus Stereotactic Body Radiotherapy in Patients with Advanced Hepatocellular Carcinoma. <i>Molecular Cancer Therapeutics</i> , 2021 , 20, 389-397	6.1	3
8	Telomerase as a universal tumor-associated antigen for cancer immunotherapy		1
7	SARS-CoV-2 Seropositivity and Seroconversion in Patients Undergoing Active Cancer-Directed Therapy. <i>JCO Oncology Practice</i> , 2021 , 17, e1879-e1886	2.3	1
6	Feasibility and utility of synthetic control arms derived from real-world data to support clinical development.. <i>Journal of Clinical Oncology</i> , 2022 , 40, 528-528	2.2	0
5	Alternatives to Perpetual Chemotherapy for Metastatic Pancreatic Cancer. <i>Clinical Cancer Research</i> , 2021 , 27, 3540-3542	12.9	0
4	Site-Dependent Immune Escape Due to Impaired Dendritic Cell Cross-Priming. <i>Cancer Immunology Research</i> , 2021 , 9, 877-890	12.5	0
3	Vitamin D deficiency after allogeneic hematopoietic cell transplantation promotes T-cell activation and is inversely associated with an EZH2-ID3 signature. <i>Transplantation and Cellular Therapy</i> , 2021 , 28, 18.e1-18.e1		0
2	Loss and Promoter Hypermethylation Negatively Predict for Immunogenicity in BRCA-Deficient Ovarian Cancer.. <i>JCO Precision Oncology</i> , 2022 , 6, e2100159	3.6	0
1	Systematic illumination of druggable genes in cancer genomes.. <i>Cell Reports</i> , 2022 , 38, 110400	10.6	0