

# Mary L Disis

## 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.

96  
papers

6,578  
citations

35  
h-index

81  
g-index

105  
ext. papers

8,826  
ext. citations

8.3  
avg, IF

6.05  
L-index

#	Paper	IF	Citations
96	The Immune Landscape of Cancer. <i>Immunity</i> , <b>2018</b> , 48, 812-830.e14	32.3	1754
95	Immune regulation of cancer. <i>Journal of Clinical Oncology</i> , <b>2010</b> , 28, 4531-8	2.2	318
94	Gene expression markers of Tumor Infiltrating Leukocytes <b>2017</b> , 5, 18		308
93	Immunization with a HER-2/neu helper peptide vaccine generates HER-2/neu CD8 T-cell immunity in cancer patients. <i>Journal of Clinical Investigation</i> , <b>2001</b> , 107, 477-84	15.9	302
92	Clinical significance of tumor-infiltrating lymphocytes in breast cancer <b>2016</b> , 4, 59		279
91	Variation in the Incidence and Magnitude of Tumor-Infiltrating Lymphocytes in Breast Cancer Subtypes: A Systematic Review. <i>JAMA Oncology</i> , <b>2016</b> , 2, 1354-1360	13.4	271
90	Concurrent trastuzumab and HER2/neu-specific vaccination in patients with metastatic breast cancer. <i>Journal of Clinical Oncology</i> , <b>2009</b> , 27, 4685-92	2.2	241
89	Immunization of cancer patients with a HER-2/neu, HLA-A2 peptide, p369-377, results in short-lived peptide-specific immunity. <i>Clinical Cancer Research</i> , <b>2002</b> , 8, 1014-8	12.9	189
88	Efficacy and Safety of Avelumab for Patients With Recurrent or Refractory Ovarian Cancer: Phase 1b Results From the JAVELIN Solid Tumor Trial. <i>JAMA Oncology</i> , <b>2019</b> , 5, 393-401	13.4	178
87	Immunity to oncogenic proteins. <i>Immunological Reviews</i> , <b>1995</b> , 145, 33-59	11.3	153
86	Current Landscape of Immunotherapy in Breast Cancer: A Review. <i>JAMA Oncology</i> , <b>2019</b> , 5, 1205-1214	13.4	143
85	Use of tumour-responsive T cells as cancer treatment. <i>Lancet, The</i> , <b>2009</b> , 373, 673-83	40	127
84	Maximizing the retention of antigen specific lymphocyte function after cryopreservation. <i>Journal of Immunological Methods</i> , <b>2006</b> , 308, 13-8	2.5	120
83	The Human Vaccines Project: A roadmap for cancer vaccine development. <i>Science Translational Medicine</i> , <b>2016</b> , 8, 334ps9	17.5	115
82	Immunologic biomarkers as correlates of clinical response to cancer immunotherapy. <i>Cancer Immunology, Immunotherapy</i> , <b>2011</b> , 60, 433-42	7.4	103
81	Polysaccharide krestin is a novel TLR2 agonist that mediates inhibition of tumor growth via stimulation of CD8 T cells and NK cells. <i>Clinical Cancer Research</i> , <b>2011</b> , 17, 67-76	12.9	101
80	The road we must take: multidisciplinary team science. <i>Science Translational Medicine</i> , <b>2010</b> , 2, 22cm9	17.5	100

79	Humoral epitope-spreading following immunization with a HER-2/neu peptide based vaccine in cancer patients. <i>Journal of Clinical Immunology</i> , <b>2004</b> , 24, 571-8	5.7	93
78	Downregulation of MHC-I expression is prevalent but reversible in Merkel cell carcinoma. <i>Cancer Immunology Research</i> , <b>2014</b> , 2, 1071-9	12.5	90
77	Mechanism of action of immunotherapy. <i>Seminars in Oncology</i> , <b>2014</b> , 41 Suppl 5, S3-13	5.5	89
76	Precancer Atlas to Drive Precision Prevention Trials. <i>Cancer Research</i> , <b>2017</b> , 77, 1510-1541	10.1	81
75	Flt3 ligand as a vaccine adjuvant in association with HER-2/neu peptide-based vaccines in patients with HER-2/neu-overexpressing cancers. <i>Blood</i> , <b>2002</b> , 99, 2845-50	2.2	75
74	Avelumab (MSB0010718C), an anti-PD-L1 antibody, in patients with previously treated, recurrent or refractory ovarian cancer: A phase Ib, open-label expansion trial.. <i>Journal of Clinical Oncology</i> , <b>2015</b> , 33, 5509-5509	2.2	68
73	Triple-negative breast cancer: immune modulation as the new treatment paradigm. <i>American Society of Clinical Oncology Educational Book / ASCO American Society of Clinical Oncology Meeting</i> , <b>2015</b> , e25-30	7.1	58
72	Topical Imiquimod Plus Nab-paclitaxel for Breast Cancer Cutaneous Metastases: A Phase 2 Clinical Trial. <i>JAMA Oncology</i> , <b>2017</b> , 3, 969-973	13.4	54
71	A multiantigen vaccine targeting neu, IGFBP-2, and IGF-IR prevents tumor progression in mice with preinvasive breast disease. <i>Cancer Prevention Research</i> , <b>2013</b> , 6, 1273-82	3.2	52
70	Naturally occurring prostate cancer antigen-specific T cell responses of a Th1 phenotype can be detected in patients with prostate cancer. <i>Prostate</i> , <b>2001</b> , 47, 222-9	4.2	50
69	Insulin-like growth factor-binding protein-2 is a target for the immunomodulation of breast cancer. <i>Cancer Research</i> , <b>2008</b> , 68, 8400-9	10.1	46
68	Leveraging premalignant biology for immune-based cancer prevention. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2016</b> , 113, 10750-8	11.5	44
67	Level of HER-2/neu protein expression in breast cancer may affect the development of endogenous HER-2/neu-specific immunity. <i>Molecular Cancer Therapeutics</i> , <b>2008</b> , 7, 449-54	6.1	42
66	Coordinated Activation of Toll-Like Receptor8 (TLR8) and NLRP3 by the TLR8 Agonist, VTX-2337, Ignites Tumoricidal Natural Killer Cell Activity. <i>PLoS ONE</i> , <b>2016</b> , 11, e0148764	3.7	40
65	Dendritic cell-activating vaccine adjuvants differ in the ability to elicit antitumor immunity due to an adjuvant-specific induction of immunosuppressive cells. <i>Clinical Cancer Research</i> , <b>2012</b> , 18, 3122-31	12.9	37
64	Immunization With Recombinant Human Granulocyte-Macrophage Colony-Stimulating Factor as a Vaccine Adjuvant Elicits Both a Cellular and Humoral Response to Recombinant Human Granulocyte-Macrophage Colony-Stimulating Factor. <i>Blood</i> , <b>1999</b> , 93, 2653-2659	2.2	35
63	The invisible arm of immunity in common cancer chemoprevention agents. <i>Cancer Prevention Research</i> , <b>2013</b> , 6, 764-73	3.2	31
62	Immunotherapy in breast cancer: An introduction. <i>Breast</i> , <b>2018</b> , 37, 196-199	3.6	30

61	An Autoimmune Response Signature Associated with the Development of Triple-Negative Breast Cancer Reflects Disease Pathogenesis. <i>Cancer Research</i> , <b>2015</b> , 75, 3246-54	10.1	29
60	Elimination of IL-10-inducing T-helper epitopes from an IGFBP-2 vaccine ensures potent antitumor activity. <i>Cancer Research</i> , <b>2014</b> , 74, 2710-8	10.1	29
59	HER-2/neu vaccine-primed autologous T-cell infusions for the treatment of advanced stage HER-2/neu expressing cancers. <i>Cancer Immunology, Immunotherapy</i> , <b>2014</b> , 63, 101-9	7.4	28
58	Protein-bound polysaccharide activates dendritic cells and enhances OVA-specific T cell response as vaccine adjuvant. <i>Immunobiology</i> , <b>2013</b> , 218, 1468-76	3.4	28
57	Monitoring immune responses in cancer patients receiving tumor vaccines. <i>International Reviews of Immunology</i> , <b>2003</b> , 22, 283-319	4.6	25
56	Soluble cytokines can act as effective adjuvants in plasmid DNA vaccines targeting self tumor antigens. <i>Immunobiology</i> , <b>2003</b> , 207, 179-86	3.4	24
55	Immunization against HIF-1 $\alpha$ inhibits the Growth of Basal Mammary Tumors and Targets Mammary Stem Cells. <i>Clinical Cancer Research</i> , <b>2017</b> , 23, 3396-3404	12.9	21
54	Identification of putative immunologic targets for colon cancer prevention based on conserved gene upregulation from preinvasive to malignant lesions. <i>Cancer Prevention Research</i> , <b>2013</b> , 6, 666-74	3.2	20
53	Mining the pre-diagnostic antibody repertoire of TgMMTV-neu mice to identify autoantibodies useful for the early detection of human breast cancer. <i>Journal of Translational Medicine</i> , <b>2014</b> , 12, 121	8.5	19
52	Concurrent SPECT/PET-CT imaging as a method for tracking adoptively transferred T-cells in vivo <b>2016</b> , 4, 27		19
51	AACR White Paper: Shaping the Future of Cancer Prevention - A Roadmap for Advancing Science and Public Health. <i>Cancer Prevention Research</i> , <b>2018</b> , 11, 735-778	3.2	19
50	Immunomodulation of breast cancer via tumor antigen specific Th1. <i>Cancer Research and Treatment</i> , <b>2009</b> , 41, 117-21	5.2	17
49	Current methods of epitope identification for cancer vaccine design. <i>Vaccine</i> , <b>2015</b> , 33, 7408-7414	4.1	16
48	Preservation of tumor-host immune interactions with luciferase-tagged imaging in a murine model of ovarian cancer <b>2015</b> , 3, 16		16
47	Can immunity to breast cancer eliminate residual micrometastases?. <i>Clinical Cancer Research</i> , <b>2013</b> , 19, 6398-403	12.9	16
46	Enhancing cancer vaccine efficacy via modulation of the tumor microenvironment. <i>Clinical Cancer Research</i> , <b>2009</b> , 15, 6476-8	12.9	16
45	Differentiation and Regulation of T Cells: A Balancing Act for Cancer Immunotherapy. <i>Frontiers in Immunology</i> , <b>2021</b> , 12, 669474	8.4	16
44	The Antitumor Efficacy of IL2/IL21-Cultured Polyfunctional Neu-Specific T Cells Is TNF $\alpha$ /IL17 Dependent. <i>Clinical Cancer Research</i> , <b>2016</b> , 22, 2207-16	12.9	15

43	Immunization of metastatic breast cancer patients with CD80-modified breast cancer cells and GM-CSF. <i>Advances in Experimental Medicine and Biology</i> , <b>1998</b> , 451, 511-8	3.6	15
42	Epidermal growth factor receptor derived peptide vaccination to prevent lung adenocarcinoma formation: An in vivo study in a murine model of EGFR mutant lung cancer. <i>Molecular Carcinogenesis</i> , <b>2016</b> , 55, 1517-1525	5	14
41	TLR8 ligation induces apoptosis of monocytic myeloid-derived suppressor cells. <i>Journal of Leukocyte Biology</i> , <b>2018</b> , 103, 157-164	6.5	13
40	The antigenic repertoire of premalignant and high-risk lesions. <i>Cancer Prevention Research</i> , <b>2015</b> , 8, 266-300	3.0	12
39	Protein-bound polysaccharide-K induces IL-1 $\beta$ via TLR2 and NLRP3 inflammasome activation. <i>Innate Immunity</i> , <b>2014</b> , 20, 857-66	2.7	12
38	Oncology and COVID-19. <i>JAMA - Journal of the American Medical Association</i> , <b>2020</b> , 324, 1141-1142	27.4	12
37	T-helper I immunity, specific for the breast cancer antigen insulin-like growth factor-I receptor (IGF-IR), is associated with increased adiposity. <i>Breast Cancer Research and Treatment</i> , <b>2013</b> , 139, 657-65	4.4	11
36	Phase II trial of albumin-bound paclitaxel and granulocyte macrophage colony-stimulating factor as an immune modulator in recurrent platinum resistant ovarian cancer. <i>Gynecologic Oncology</i> , <b>2017</b> , 144, 480-485	4.9	10
35	Surrogate in vitro activation of innate immunity synergizes with interleukin-7 to unleash rapid antigen-driven outgrowth of CD4+ and CD8+ human peripheral blood T-cells naturally recognizing MUC1, HER2/neu and other tumor-associated antigens. <i>Oncotarget</i> , <b>2017</b> , 8, 10785-10808	3.3	10
34	Plasmid-based vaccines encoding rat neu and immune stimulatory molecules can elicit rat neu-specific immunity. <i>Molecular Cancer Therapeutics</i> , <b>2003</b> , 2, 995-1002	6.1	10
33	Selection of epitopes from self-antigens for eliciting Th2 or Th1 activity in the treatment of autoimmune disease or cancer. <i>Seminars in Immunopathology</i> , <b>2017</b> , 39, 245-253	12	9
32	Natural history of tumor growth and immune modulation in common spontaneous murine mammary tumor models. <i>Breast Cancer Research and Treatment</i> , <b>2014</b> , 148, 501-10	4.4	9
31	Th1 epitope selection for clinically effective cancer vaccines. <i>Onc Immunology</i> , <b>2014</b> , 3, e954971	7.2	7
30	The ultimate in cancer chemoprevention: cancer vaccines. <i>Cancer Prevention Research</i> , <b>2010</b> , 3, 406-9	3.2	7
29	Immunity to the HER-2/neu oncogenic protein. <i>Novartis Foundation Symposium</i> , <b>1994</b> , 187, 198-207; discussion 207-11		7
28	Clinical use of subcutaneous G-CSF or GM-CSF in malignancy. <i>Oncology</i> , <b>2005</b> , 19, 5-9	1.8	7
27	Progress in the development of a therapeutic vaccine for breast cancer. <i>Breast Cancer: Targets and Therapy</i> , <b>2010</b> , 2, 25-36	3.9	5
26	Future directions in the management of ovarian cancer. <i>Hematology/Oncology Clinics of North America</i> , <b>2003</b> , 17, 1075-85	3.1	5

25	Immunologic targets for breast cancer. <i>Breast Disease</i> , <b>2002</b> , 15, 83-90	1.6	5
24	Immunity to WT1 in the animal model and in patients with acute myeloid leukemia. <i>Blood</i> , <b>2000</b> , 96, 1480-1489	1.4	5
23	Multi-Epitope-Based Vaccines for Colon Cancer Treatment and Prevention. <i>Frontiers in Immunology</i> , <b>2021</b> , 12, 729809	8.4	5
22	The Effect of Mouse Strain, Sex, and Carcinogen Dose on Toxicity and the Development of Lung Dysplasia and Squamous Cell Carcinomas in Mice. <i>Cancer Prevention Research</i> , <b>2019</b> , 12, 507-516	3.2	4
21	Therapeutic and Prophylactic Antitumor Activity of an Oral Inhibitor of Fucosylation in Spontaneous Mammary Cancers. <i>Molecular Cancer Therapeutics</i> , <b>2020</b> , 19, 1102-1109	6.1	4
20	Immunization With Recombinant Human Granulocyte-Macrophage Colony-Stimulating Factor as a Vaccine Adjuvant Elicits Both a Cellular and Humoral Response to Recombinant Human Granulocyte-Macrophage Colony-Stimulating Factor. <i>Blood</i> , <b>1999</b> , 93, 2653-2659	2.2	4
19	Scholarly productivity and professional advancement of junior researchers receiving KL2, K23, or K08 awards at a large public research institution. <i>Journal of Clinical and Translational Science</i> , <b>2017</b> , 1, 140-143	0.4	3
18	Movie Review of The Immortal Life of Henrietta Lacks. <i>JAMA - Journal of the American Medical Association</i> , <b>2017</b> , 318, 2410-2412	27.4	3
17	Evaluation of cancer immunity in mice. <i>Cold Spring Harbor Protocols</i> , <b>2014</b> , 2014, 231-4	1.2	2
16	COX-2 inhibitors decrease expression of PD-L1 in colon tumors and increase the influx of Type I tumor infiltrating lymphocytes.. <i>Cancer Prevention Research</i> , <b>2022</b> ,	3.2	2
15	Multimetric feature selection for analyzing multicategory outcomes of colorectal cancer: random forest and multinomial logistic regression models. <i>Laboratory Investigation</i> , <b>2021</b> ,	5.9	2
14	Wouldn't we all like to be a little more LEAN?. <i>Clinical and Translational Science</i> , <b>2010</b> , 3, 207-9	4.9	1
13	Breast cancer vaccines for treatment and prevention. <i>Breast Cancer Research and Treatment</i> , <b>2021</b> , 1	4.4	1
12	Equity and the JAMA Network. <i>JAMA Health Forum</i> , <b>2021</b> , 2, e211638	2	1
11	Meeting Report: Translational Advances in Cancer Prevention Agent Development Meeting. <i>Journal of Cancer Prevention</i> , <b>2021</b> , 26, 71-82	3	0
10	A Grant-Based Experiment to Train Clinical Investigators: The AACR/ASCO Methods in Clinical Cancer Research Workshop. <i>Clinical Cancer Research</i> , <b>2021</b> , 27, 5472-5481	12.9	0
9	Immunization with a Plasmid DNA Vaccine Encoding the N-Terminus of Insulin-like Growth Factor Binding Protein-2 in Advanced Ovarian Cancer Leads to High-level Type I Immune Responses. <i>Clinical Cancer Research</i> , <b>2021</b> , 27, 6405-6412	12.9	0
8	JAMA Oncology-The Year in Review, 2018. <i>JAMA Oncology</i> , <b>2019</b> , 5, 609-610	13.4	

7	The Lasker Awards--Recognizing and Highlighting Oncology Research. <i>JAMA - Journal of the American Medical Association</i> , <b>2015</b> , 314, 1123-4	27.4
6	Immunologic Monitoring in Immuno-Oncology <b>2018</b> , 228-251	
5	Thank You JAMA Oncology Authors, Peer Reviewers, and Readers. <i>JAMA Oncology</i> , <b>2016</b> , 2, 435	13.4
4	JAMA Oncology A New Member of The JAMA Network Family of Journals. <i>JAMA - Journal of the American Medical Association</i> , <b>2014</b> , 312, 1743	27.4
3	Translational Oncology: Transforming Cancer Care. <i>Journal of Clinical Oncology</i> , <b>2007</b> , 25, 750-750	2.2
2	JAMA Oncology-The Year in Review, 2020. <i>JAMA Oncology</i> , <b>2021</b> , 7, 683-684	13.4
1	Translational Advances in Cancer Prevention Agent Development (TACPAD) Virtual Workshop on Immunomodulatory Agents: Report.. <i>Journal of Cancer Prevention</i> , <b>2021</b> , 26, 309-317	3