

Karen E Willard-Gallo

List of Publications by Year in descending order

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Version: 2024-02-01

80
papers

5,337
citations

136885

32
h-index

91828

69
g-index

82
all docs

82
docs citations

82
times ranked

8984
citing authors

#	ARTICLE	IF	CITATIONS
1	CD4+ follicular helper T cell infiltration predicts breast cancer survival. <i>Journal of Clinical Investigation</i> , 2013, 123, 2873-2892.	3.9	813
2	Assessing Tumor-Infiltrating Lymphocytes in Solid Tumors: A Practical Review for Pathologists and Proposal for a Standardized Method from the International Immuno-Oncology Biomarkers Working Group: Part 2: TILs in Melanoma, Gastrointestinal Tract Carcinomas, Non-Small Cell Lung Carcinoma and Mesothelioma, Endometrial and Ovarian Carcinomas, Squamous Cell Carcinoma of the Head and Neck, Genitourinary Carcinomas, and Primary Brain Tumors. <i>Advances in Anatomic Pathology</i> , 2017, 24, 311-335.	2.4	530
3	Assessing Tumor-Infiltrating Lymphocytes in Solid Tumors: A Practical Review for Pathologists and Proposal for a Standardized Method From the International Immunooncology Biomarkers Working Group: Part 1: Assessing the Host Immune Response, TILs in Invasive Breast Carcinoma and Ductal Carcinoma In Situ, Metastatic Tumor Deposits and Areas for Further Research. <i>Advances in Anatomic Pathology</i> , 2017, 24, 235-251.	2.4	469
4	CXCL13-producing TFH cells link immune suppression and adaptive memory in human breast cancer. <i>JCI Insight</i> , 2017, 2, .	2.3	258
5	Standardized evaluation of tumor-infiltrating lymphocytes in breast cancer: results of the ring studies of the international immuno-oncology biomarker working group. <i>Modern Pathology</i> , 2016, 29, 1155-1164.	2.9	230
6	Immune evasion before tumour invasion in early lung squamous carcinogenesis. <i>Nature</i> , 2019, 571, 570-575.	13.7	227
7	Tumor-infiltrating B cells signal functional humoral immune responses in breast cancer. <i>JCI Insight</i> , 2019, 4, .	2.3	182
8	Principles Governing A-to-I RNA Editing in the Breast Cancer Transcriptome. <i>Cell Reports</i> , 2015, 13, 277-289.	2.9	179
9	Tumor-infiltrating lymphocyte composition, organization and PD-1/ PD-L1 expression are linked in breast cancer. <i>Oncolmmunology</i> , 2017, 6, e1257452.	2.1	169
10	The tale of TILs in breast cancer: A report from The International Immuno-Oncology Biomarker Working Group. <i>Npj Breast Cancer</i> , 2021, 7, 150.	2.3	112
11	State-of-the-Art Lentiviral Vectors for Research Use: Risk Assessment and Biosafety Recommendations. <i>Current Gene Therapy</i> , 2009, 9, 459-474.	0.9	109
12	Pitfalls in assessing stromal tumor infiltrating lymphocytes (sTILs) in breast cancer. <i>Npj Breast Cancer</i> , 2020, 6, 17.	2.3	106
13	The rationale behind targeting the ICOS-ICOS ligand costimulatory pathway in cancer immunotherapy. <i>ESMO Open</i> , 2020, 5, e000544.	2.0	95
14	Reliability of tumor-infiltrating lymphocyte and tertiary lymphoid structure assessment in human breast cancer. <i>Modern Pathology</i> , 2017, 30, 1204-1212.	2.9	81
15	Immune Checkpoint Molecules on Tumor-Infiltrating Lymphocytes and Their Association with Tertiary Lymphoid Structures in Human Breast Cancer. <i>Frontiers in Immunology</i> , 2017, 8, 1412.	2.2	80
16	Immune Infiltration in Invasive Lobular Breast Cancer. <i>Journal of the National Cancer Institute</i> , 2018, 110, 768-776.	3.0	76
17	Tumor-infiltrating lymphocytes in patients with HER2-positive breast cancer treated with neoadjuvant chemotherapy plus trastuzumab, lapatinib or their combination: A meta-analysis of randomized controlled trials. <i>Cancer Treatment Reviews</i> , 2017, 57, 8-15.	3.4	75
18	LAG3: The Biological Processes That Motivate Targeting This Immune Checkpoint Molecule in Human Cancer. <i>Cancers</i> , 2019, 11, 1213.	1.7	75

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19	Functional Th1-oriented T follicular helper cells that infiltrate human breast cancer promote effective adaptive immunity. <i>Journal of Clinical Investigation</i> , 2021, 131, .	3.9	70
20	Antigen Specificity and Clinical Significance of IgG and IgA Autoantibodies Produced in situ by Tumor-Infiltrating B Cells in Breast Cancer. <i>Frontiers in Immunology</i> , 2018, 9, 2660.	2.2	65
21	Immunity drives <i>TET1</i> regulation in cancer through NF- κ B. <i>Science Advances</i> , 2018, 4, eaap7309.	4.7	64
22	Tumor-Infiltrating Lymphocytes in Patients Receiving Trastuzumab/Pertuzumab-Based Chemotherapy: A TRYPHAENA Substudy. <i>Journal of the National Cancer Institute</i> , 2019, 111, 69-77.	3.0	60
23	Bortezomib (PS-341, Velcade) increases the efficacy of trastuzumab (Herceptin) in HER-2 ⁺ positive breast cancer cells in a synergistic manner. <i>Molecular Cancer Therapeutics</i> , 2006, 5, 3042-3051.	1.9	58
24	Critical features and challenges associated with imaging in patients undergoing cancer immunotherapy. <i>Critical Reviews in Oncology/Hematology</i> , 2017, 120, 13-21.	2.0	56
25	Immunotherapy Associated Pulmonary Toxicity: Biology Behind Clinical and Radiological Features. <i>Cancers</i> , 2019, 11, 305.	1.7	51
26	Significance of TIM3 expression in cancer: From biology to the clinic. <i>Seminars in Oncology</i> , 2019, 46, 372-379.	0.8	49
27	Cancer immunotherapy-associated hypophysitis. <i>Seminars in Oncology</i> , 2018, 45, 181-186.	0.8	47
28	Inhibition of RANK signaling in breast cancer induces an anti-tumor immune response orchestrated by CD8 ⁺ T cells. <i>Nature Communications</i> , 2020, 11, 6335.	5.8	46
29	Programmed cell death-ligand 2: A neglected but important target in the immune response to cancer?. <i>Translational Oncology</i> , 2020, 13, 100811.	1.7	46
30	6q- is an early and persistent chromosomal aberration in CD3-CD4 ⁺ T-cell clones associated with the lymphocytic variant of hypereosinophilic syndrome. <i>Haematologica</i> , 2005, 90, 753-65.	1.7	41
31	Identification of Three NFAT Binding Motifs in the 5 [′] -Upstream Region of the Human CD3 β Gene That Differentially Bind NFATc1, NFATc2, and NF- κ B p50. <i>Journal of Biological Chemistry</i> , 2002, 277, 47136-47148.	1.6	39
32	FOXP1 negatively regulates tumor infiltrating lymphocyte migration in human breast cancer. <i>EBioMedicine</i> , 2019, 39, 226-238.	2.7	36
33	FOXP1 is a regulator of quiescence in healthy human CD4 ⁺ T cells and is constitutively repressed in T cells from patients with lymphoproliferative disorders. <i>European Journal of Immunology</i> , 2017, 47, 168-179.	1.6	35
34	Breast cancer vaccines: Heeding the lessons of the past to guide a path forward. <i>Cancer Treatment Reviews</i> , 2020, 84, 101947.	3.4	35
35	Molecular profiling of CD3 ⁺ CD4 ⁺ T cells from patients with the lymphocytic variant of hypereosinophilic syndrome reveals targeting of growth control pathways. <i>Blood</i> , 2009, 114, 2969-2983.	0.6	34
36	Tumor-infiltrating follicular helper T cells: The new kids on the block. <i>Oncolmmunology</i> , 2013, 2, e26066.	2.1	34

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37	A Simple and Rapid Protocol to Non-enzymatically Dissociate Fresh Human Tissues for the Analysis of Infiltrating Lymphocytes. <i>Journal of Visualized Experiments</i> , 2014, , .	0.2	33
38	BRCA gene mutations do not shape the extent and organization of tumor infiltrating lymphocytes in triple negative breast cancer. <i>Cancer Letters</i> , 2019, 450, 88-97.	3.2	33
39	Luminal Breast Cancer: Risk of Recurrence and Tumor-Associated Immune Suppression. <i>Molecular Diagnosis and Therapy</i> , 2021, 25, 409-424.	1.6	33
40	T follicular helper and B cell crosstalk in tertiary lymphoid structures and cancer immunotherapy. <i>Nature Communications</i> , 2022, 13, 2259.	5.8	32
41	Downregulation of the FTO m6A RNA demethylase promotes EMT-mediated progression of epithelial tumors and sensitivity to Wnt inhibitors. <i>Nature Cancer</i> , 2021, 2, 611-628.	5.7	30
42	PD-1 hi CXCR5 ^{hi} CD4 ⁺ T FH Cells Play Defense in Cancer and Offense in Arthritis. <i>Trends in Immunology</i> , 2017, 38, 875-878.	2.9	26
43	The Abscopal Effect in the Era of Cancer Immunotherapy: a Spontaneous Synergism Boosting Anti-tumor Immunity?. <i>Targeted Oncology</i> , 2018, 13, 113-123.	1.7	26
44	Radiomics and "radi-omics" in cancer immunotherapy: a guide for clinicians. <i>Critical Reviews in Oncology/Hematology</i> , 2020, 154, 103068.	2.0	26
45	Immune Checkpoint Inhibitor-Induced Pancreatic Injury: Imaging Findings and Literature Review. <i>Targeted Oncology</i> , 2020, 15, 25-35.	1.7	25
46	Targeting CTLA-4 in cancer: Is it the ideal companion for PD-1 blockade immunotherapy combinations?. <i>International Journal of Cancer</i> , 2021, 149, 31-41.	2.3	23
47	Defective CD3 β gene transcription is associated with NFATc2 overexpression in the lymphocytic variant of hypereosinophilic syndrome. <i>Experimental Hematology</i> , 2005, 33, 1147-1159.	0.2	21
48	Tumor-Derived Thymic Stromal Lymphopoietin Expands Bone Marrow B-cell Precursors in Circulation to Support Metastasis. <i>Cancer Research</i> , 2019, 79, 5826-5838.	0.4	21
49	Fluorescent Multiplex Immunohistochemistry Coupled With Other State-Of-The-Art Techniques to Systematically Characterize the Tumor Immune Microenvironment. <i>Frontiers in Molecular Biosciences</i> , 2021, 8, 673042.	1.6	19
50	Circulating (CD3 ⁺ CD19 ⁺ CD20 ⁺ IgD ⁺ CD27 ^{high} CD38 ^{high}) Plasmablasts: A Promising Cellular Biomarker for Immune Activity for Anti-PLA2R1 Related Membranous Nephropathy?. <i>Mediators of Inflammation</i> , 2016, 2016, 1-10.	1.4	18
51	The impact of tumor cell metabolism on T cell-mediated immune responses and immuno-metabolic biomarkers in cancer. <i>Seminars in Cancer Biology</i> , 2018, 52, 66-74.	4.3	18
52	Targeting PD-1 in cancer: Biological insights with a focus on breast cancer. <i>Critical Reviews in Oncology/Hematology</i> , 2019, 142, 35-43.	2.0	18
53	RNA Based Approaches to Profile Oncogenic Pathways From Low Quantity Samples to Drive Precision Oncology Strategies. <i>Frontiers in Genetics</i> , 2020, 11, 598118.	1.1	18
54	Radiological evaluation of response to immunotherapy in brain tumors: Where are we now and where are we going?. <i>Critical Reviews in Oncology/Hematology</i> , 2018, 126, 135-144.	2.0	14

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55	QUANTITATIVE FLUORESCENCE ANALYSIS OF CYCLOSPORINE BINDING TO HUMAN LEUKOCYTES. <i>Transplantation</i> , 1984, 37, 276-280.	0.5	13
56	Transcriptional Regulation of the Human <i>CD3β</i> Gene: The TATA-Less <i>CD3β</i> Promoter Functions via an Initiator and Contiguous Sp-Binding Elements. <i>Journal of Immunology</i> , 2005, 174, 6238-6249.	0.4	13
57	Pertussis toxin activates adult and neonatal naive human CD4+ T β lymphocytes. <i>European Journal of Immunology</i> , 2006, 36, 1794-1804.	1.6	13
58	Protein mapping of two metallothionein-rich cell strains and their parent lines, using high-resolution two-dimensional electrophoresis. <i>Analytical Biochemistry</i> , 1984, 143, 170-178.	1.1	11
59	A review of immune checkpoint blockade in breast cancer. <i>Seminars in Oncology</i> , 2021, 48, 208-225.	0.8	11
60	Analysis of Normal Subset-specific and Disease-specific Human Leukocyte Proteins by Cell Sorting and Two-dimensional Electrophoresis. <i>Annals of the New York Academy of Sciences</i> , 1984, 428, 201-222.	1.8	10
61	Tumour-infiltrating lymphocytes in non-invasive breast cancer: A systematic review and meta-analysis. <i>Breast</i> , 2021, 59, 183-192.	0.9	10
62	Modulation of <i>CD3β</i> Gene Expression after HIV Type 1 Infection of the WE17/10 T Cell Line Is Progressive and Occurs in Concert with Decreased Production of Viral p24 Antigen. <i>AIDS Research and Human Retroviruses</i> , 1996, 12, 715-725.	0.5	9
63	Progressive loss of <i>CD3</i> expression after HTLV-I infection results from chromatin remodeling affecting all the <i>CD3</i> genes and persists despite early viral genes silencing. <i>Virology Journal</i> , 2007, 4, 85.	1.4	9
64	IRF5: a rheostat for tumor-infiltrating lymphocyte trafficking in breast cancer?. <i>Immunology and Cell Biology</i> , 2015, 93, 425-426.	1.0	9
65	Age-related changes in the <i>BACH2</i> and <i>PRDM1</i> genes in lymphocytes from healthy donors and chronic lymphocytic leukemia patients. <i>BMC Cancer</i> , 2019, 19, 81.	1.1	9
66	Human Immunodeficiency Virus Type 2 Produces a Defect in <i>CD3β</i> Gene Transcripts Similar to That Observed for Human Immunodeficiency Virus Type 1. <i>Journal of Virology</i> , 1999, 73, 5207-5213.	1.5	9
67	Inflammatory Stroma of Lymphoepithelioma-like Carcinoma of the Cervix. <i>International Journal of Gynecological Pathology</i> , 2018, 37, 482-487.	0.9	7
68	Characterization of Immunoactive and Immunotolerant CD4+ T Cells in Breast Cancer by Measuring Activity of Signaling Pathways That Determine Immune Cell Function. <i>Cancers</i> , 2022, 14, 490.	1.7	7
69	Quantifying Tertiary Lymphoid Structure-Associated Genes in Formalin-Fixed Paraffin-Embedded Breast Cancer Tissues. <i>Methods in Molecular Biology</i> , 2018, 1845, 139-157.	0.4	6
70	Low-Dose Nivolumab with or without Ipilimumab as Adjuvant Therapy Following the Resection of Melanoma Metastases: A Sequential Dual Cohort Phase II Clinical Trial. <i>Cancers</i> , 2022, 14, 682.	1.7	6
71	The Relationship Between Tumor-Infiltrating Lymphocytes, PD-L1 Expression, Driver Mutations and Clinical Outcome Parameters in Non-Small Cell Lung Cancer Adenocarcinoma in Patients with a Limited to no Smoking History. <i>Pathology and Oncology Research</i> , 2020, 26, 1221-1228.	0.9	5
72	A comparative analysis of alterations in protein expression after activation or human immunodeficiency virus, type 1 infection of human CD4+ T cells. <i>Electrophoresis</i> , 1991, 12, 544-553.	1.3	4

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73	P3.02c-087 The Relationship of TILs and PD-L1 Expression in NSCLC Adenocarcinoma in Little to Non-Smokers with Driver Mutations and Outcome Parameters. <i>Journal of Thoracic Oncology</i> , 2017, 12, S1331.	0.5	2
74	A Rare Case of Hepatic Vanishing Bile Duct Syndrome Occurring after Combination Therapy with Nivolumab and Cabozantinib in a Patient with Renal Carcinoma. <i>Diagnostics</i> , 2022, 12, 539.	1.3	2
75	Tumour-Infiltrating Lymphocytes (TILs) in Breast Cancer: a Predictive or a Prognostic Marker?. <i>Current Breast Cancer Reports</i> , 2015, 7, 59-70.	0.5	1
76	Aging and Malignant Hemopathies: A Complex Multistep Process. , 2018, , 1-13.		1
77	Immunology of Solid Tumors Beyond Tumor-Infiltrating Lymphocytes: The Role of Tertiary Lymphoid Structures. , 2017, , 259-280.		0
78	Transcription Factors and Checkpoint Inhibitor Expression with Age: Markers of Immunosenescence?. <i>Blood</i> , 2016, 128, 5983-5983.	0.6	0
79	Demographic and laboratory determinants of humoral immune responses and impact of different anti-SARS-CoV-2 vaccine platforms in patients with cancer: A systematic review and meta-analysis.. <i>Journal of Clinical Oncology</i> , 2022, 40, 1543-1543.	0.8	0
80	Impact of cancer diagnosis, stage, and systemic therapies on immunogenicity after COVID-19 vaccination in patients with cancer: A systematic review and meta-analysis.. <i>Journal of Clinical Oncology</i> , 2022, 40, 1537-1537.	0.8	0