

Johan Hartman

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.

82 papers	5,123 citations	32 h-index	71 g-index
92 ext. papers	6,256 ext. citations	9.2 avg, IF	5.5 L-index

#	Paper	IF	Citations
82	Estrogen receptors: how do they signal and what are their targets. <i>Physiological Reviews</i> , 2007 , 87, 905-31	17.9	1266
81	Estrogen receptor beta inhibits 17beta-estradiol-stimulated proliferation of the breast cancer cell line T47D. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004 , 101, 1566-71	11.5	442
80	Chemoresistance Evolution in Triple-Negative Breast Cancer Delineated by Single-Cell Sequencing. <i>Cell</i> , 2018 , 173, 879-893.e13	56.2	427
79	Clinically used breast cancer markers such as estrogen receptor, progesterone receptor, and human epidermal growth factor receptor 2 are unstable throughout tumor progression. <i>Journal of Clinical Oncology</i> , 2012 , 30, 2601-8	2.2	321
78	Estrogen receptor beta inhibits angiogenesis and growth of T47D breast cancer xenografts. <i>Cancer Research</i> , 2006 , 66, 11207-13	10.1	171
77	Tumor repressive functions of estrogen receptor beta in SW480 colon cancer cells. <i>Cancer Research</i> , 2009 , 69, 6100-6	10.1	153
76	Pericyte-fibroblast transition promotes tumor growth and metastasis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016 , 113, E5618-27	11.5	150
75	Digital image analysis in breast pathology-from image processing techniques to artificial intelligence. <i>Translational Research</i> , 2018 , 194, 19-35	11	128
74	FOXM1 is a transcriptional target of ERalpha and has a critical role in breast cancer endocrine sensitivity and resistance. <i>Oncogene</i> , 2010 , 29, 2983-95	9.2	113
73	Digital image analysis outperforms manual biomarker assessment in breast cancer. <i>Modern Pathology</i> , 2016 , 29, 318-29	9.8	106
72	Estrogen receptor beta in breast cancer--diagnostic and therapeutic implications. <i>Steroids</i> , 2009 , 74, 635-41	2.8	100
71	Whole-tissue biopsy phenotyping of three-dimensional tumours reveals patterns of cancer heterogeneity. <i>Nature Biomedical Engineering</i> , 2017 , 1, 796-806	19	96
70	High prevalence of human cytomegalovirus proteins and nucleic acids in primary breast cancer and metastatic sentinel lymph nodes. <i>PLoS ONE</i> , 2013 , 8, e56795	3.7	95
69	Novel mechanism of macrophage-mediated metastasis revealed in a zebrafish model of tumor development. <i>Cancer Research</i> , 2015 , 75, 306-15	10.1	90
68	Estrogen receptors α and β have opposing roles in regulating proliferation and bone metastasis genes in the prostate cancer cell line PC3. <i>Molecular Endocrinology</i> , 2012 , 26, 1991-2003		90
67	Artificial intelligence as the next step towards precision pathology. <i>Journal of Internal Medicine</i> , 2020 , 288, 62-81	10.8	80
66	Evolutionary history of metastatic breast cancer reveals minimal seeding from axillary lymph nodes. <i>Journal of Clinical Investigation</i> , 2018 , 128, 1355-1370	15.9	78

65	FoxM1 is a downstream target and marker of HER2 overexpression in breast cancer. <i>International Journal of Oncology</i> , 2009 , 35, 57-68	1	70
64	CD73 immune checkpoint defines regulatory NK cells within the tumor microenvironment. <i>Journal of Clinical Investigation</i> , 2020 , 130, 1185-1198	15.9	70
63	Ribosome biogenesis during cell cycle arrest fuels EMT in development and disease. <i>Nature Communications</i> , 2019 , 10, 2110	17.4	59
62	miR-206 inhibits cell migration through direct targeting of the actin-binding protein coronin 1C in triple-negative breast cancer. <i>Molecular Oncology</i> , 2014 , 8, 1690-702	7.9	58
61	A Zebrafish Model Discovers a Novel Mechanism of Stromal Fibroblast-Mediated Cancer Metastasis. <i>Clinical Cancer Research</i> , 2017 , 23, 4769-4779	12.9	51
60	HES-1 inhibits 17beta-estradiol and heregulin-beta1-mediated upregulation of E2F-1. <i>Oncogene</i> , 2004 , 23, 8826-33	9.2	50
59	Current concepts and significance of estrogen receptor α in prostate cancer. <i>Steroids</i> , 2012 , 77, 1262-6	2.8	49
58	Estrogen Receptor α as a Therapeutic Target in Breast Cancer Stem Cells. <i>Journal of the National Cancer Institute</i> , 2017 , 109, 1-14	9.7	48
57	Report on computational assessment of Tumor Infiltrating Lymphocytes from the International Immuno-Oncology Biomarker Working Group. <i>Npj Breast Cancer</i> , 2020 , 6, 16	7.8	47
56	Sequencing of breast cancer stem cell populations indicates a dynamic conversion between differentiation states in vivo. <i>Breast Cancer Research</i> , 2014 , 16, R72	8.3	47
55	Role of Tumor Pericytes in the Recruitment of Myeloid-Derived Suppressor Cells. <i>Journal of the National Cancer Institute</i> , 2015 , 107,	9.7	46
54	Digital image analysis of Ki67 in hot spots is superior to both manual Ki67 and mitotic counts in breast cancer. <i>Histopathology</i> , 2018 , 72, 974-989	7.3	44
53	mTOR inhibitors counteract tamoxifen-induced activation of breast cancer stem cells. <i>Cancer Letters</i> , 2015 , 367, 76-87	9.9	36
52	AmotL2 disrupts apical-basal cell polarity and promotes tumour invasion. <i>Nature Communications</i> , 2014 , 5, 4557	17.4	34
51	Guidance Molecule SEMA3A Restricts Tumor Growth by Differentially Regulating the Proliferation of Tumor-Associated Macrophages. <i>Cancer Research</i> , 2016 , 76, 3166-78	10.1	32
50	Tumor acidosis enhances cytotoxic effects and autophagy inhibition by salinomycin on cancer cell lines and cancer stem cells. <i>Oncotarget</i> , 2016 , 7, 35703-35723	3.3	28
49	ER α represses FOXM1 expression through targeting ER α to control cell proliferation in breast cancer. <i>American Journal of Pathology</i> , 2011 , 179, 1148-56	5.8	27
48	Evidence of a functional estrogen receptor in parathyroid adenomas. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2012 , 97, 4631-9	5.6	26

47	Hes-6, an inhibitor of Hes-1, is regulated by 17beta-estradiol and promotes breast cancer cell proliferation. <i>Breast Cancer Research</i> , 2009 , 11, R79	8.3	25
46	Re-testing of predictive biomarkers on surgical breast cancer specimens is clinically relevant. <i>Breast Cancer Research and Treatment</i> , 2019 , 174, 795-805	4.4	18
45	PAK4 suppresses RELB to prevent senescence-like growth arrest in breast cancer. <i>Nature Communications</i> , 2019 , 10, 3589	17.4	18
44	Oestrogen receptors α and β have divergent roles in breast cancer survival and lymph node metastasis. <i>British Journal of Cancer</i> , 2014 , 111, 918-26	8.7	18
43	Comprehensive molecular comparison of BRCA1 hypermethylated and BRCA1 mutated triple negative breast cancers. <i>Nature Communications</i> , 2020 , 11, 3747	17.4	18
42	Differential expression of sex hormone receptors in abdominal aortic aneurysms. <i>Maturitas</i> , 2017 , 96, 39-44	5	17
41	Prognostic value of Ki67 analysed by cytology or histology in primary breast cancer. <i>Journal of Clinical Pathology</i> , 2018 , 71, 787-794	3.9	17
40	Intestinal estrogen receptor beta suppresses colon inflammation and tumorigenesis in both sexes. <i>Cancer Letters</i> , 2020 , 492, 54-62	9.9	17
39	Prognostic potential of automated Ki67 evaluation in breast cancer: different hot spot definitions versus true global score. <i>Breast Cancer Research and Treatment</i> , 2020 , 183, 161-175	4.4	16
38	Exome sequencing of primary breast cancers with paired metastatic lesions reveals metastasis-enriched mutations in the A-kinase anchoring protein family (AKAPs). <i>BMC Cancer</i> , 2018 , 18, 174	4.8	14
37	Low concordance of biomarkers in histopathological and cytological material from breast cancer. <i>Histopathology</i> , 2014 , 64, 971-80	7.3	14
36	Sequencing-based breast cancer diagnostics as an alternative to routine biomarkers. <i>Scientific Reports</i> , 2016 , 6, 38037	4.9	13
35	Molecular Differences between Screen-Detected and Interval Breast Cancers Are Largely Explained by PAM50 Subtypes. <i>Clinical Cancer Research</i> , 2017 , 23, 2584-2592	12.9	12
34	Notch signaling promotes a HIF2 α -driven hypoxic response in multiple tumor cell types. <i>Oncogene</i> , 2018 , 37, 6083-6095	9.2	11
33	Tumour nuclear oestrogen receptor beta 1 correlates inversely with parathyroid tumour weight. <i>Endocrine Connections</i> , 2015 , 4, 76-85	3.5	11
32	Lithium chloride inhibits the expression and secretion of insulin-like growth factor-binding protein-1. <i>Journal of Endocrinology</i> , 2001 , 171, R11-5	4.7	11
31	Next generation pathology: artificial intelligence enhances histopathology practice. <i>Journal of Pathology</i> , 2020 , 250, 7-8	9.4	11
30	CETSA-based target engagement of taxanes as biomarkers for efficacy and resistance. <i>Scientific Reports</i> , 2019 , 9, 19384	4.9	10

29	Three-dimensional single-cell imaging for the analysis of RNA and protein expression in intact tumour biopsies. <i>Nature Biomedical Engineering</i> , 2020 , 4, 875-888	19	9
28	Programmed death-ligand 1 gene expression is a prognostic marker in early breast cancer and provides additional prognostic value to 21-gene and 70-gene signatures in estrogen receptor-positive disease. <i>Molecular Oncology</i> , 2020 , 14, 951-963	7.9	9
27	Thermal Proteome Profiling Identifies Oxidative-Dependent Inhibition of the Transcription of Major Oncogenes as a New Therapeutic Mechanism for Select Anticancer Compounds. <i>Cancer Research</i> , 2020 , 80, 1538-1550	10.1	9
26	Estrogen receptors in colorectal cancer: goalkeepers, strikers, or bystanders?. <i>Cancer Prevention Research</i> , 2010 , 3, 897-9	3.2	9
25	CUTseq is a versatile method for preparing multiplexed DNA sequencing libraries from low-input samples. <i>Nature Communications</i> , 2019 , 10, 4732	17.4	8
24	Lymphoid aggregates in Crohn's colitis and mucosal immunity. <i>Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin</i> , 2013 , 463, 637-42	5.1	8
23	Superficial scrapings from breast tumors is a source for biobanking and research purposes. <i>Laboratory Investigation</i> , 2014 , 94, 796-805	5.9	7
22	TAp73 represses NF- κ B-mediated recruitment of tumor-associated macrophages in breast cancer. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021 , 118,	11.5	6
21	An Open-Source, Automated Tumor-Infiltrating Lymphocyte Algorithm for Prognosis in Triple-Negative Breast Cancer. <i>Clinical Cancer Research</i> , 2021 , 27, 5557-5565	12.9	6
20	Intra-tumor heterogeneity in breast cancer has limited impact on transcriptomic-based molecular profiling. <i>BMC Cancer</i> , 2017 , 17, 802	4.8	5
19	Variability in Breast Cancer Biomarker Assessment and the Effect on Oncological Treatment Decisions: A Nationwide 5-Year Population-Based Study. <i>Cancers</i> , 2021 , 13,	6.6	5
18	Improved breast cancer histological grading using deep learning. <i>Annals of Oncology</i> , 2021 ,	10.3	5
17	The dyslexia candidate gene DYX1C1 is a potential marker of poor survival in breast cancer. <i>BMC Cancer</i> , 2012 , 12, 79	4.8	4
16	The Importance of Sex in the Discovery of Colorectal Cancer Prognostic Biomarkers. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	4
15	Gene protein detection platform--a comparison of a new human epidermal growth factor receptor 2 assay with conventional immunohistochemistry and fluorescence in situ hybridization platforms. <i>Annals of Diagnostic Pathology</i> , 2015 , 19, 203-10	2.2	3
14	Independent Clinical Validation of the Automated Ki67 Scoring Guideline from the International Ki67 in Breast Cancer Working Group. <i>Biomolecules</i> , 2021 , 11,	5.9	3
13	Identification and targeting of selective vulnerability rendered by tamoxifen resistance. <i>Breast Cancer Research</i> , 2020 , 22, 80	8.3	3
12	Molecular analyses of triple-negative breast cancer in the young and elderly. <i>Breast Cancer Research</i> , 2021 , 23, 20	8.3	3

11	Prognosis in patients diagnosed with loco-regional failure of breast cancer: 34 years longitudinal data from the Stockholm-Gotland cancer registry. <i>Breast Cancer Research and Treatment</i> , 2018 , 172, 703-712	4.4	3
10	Real World Evaluation of the Prosigna/PAM50 Test in a Node-Negative Postmenopausal Swedish Population: A Multicenter Study. <i>Cancers</i> , 2022 , 14, 2615	6.6	2
9	Predicting Molecular Phenotypes from Histopathology Images: A Transcriptome-Wide Expression-Morphology Analysis in Breast Cancer. <i>Cancer Research</i> , 2021 , 81, 5115-5126	10.1	1
8	Neoadjuvant Trastuzumab, Pertuzumab, and Docetaxel vs Trastuzumab Emtansine in Patients With ERBB2-Positive Breast Cancer: A Phase 2 Randomized Clinical Trial. <i>JAMA Oncology</i> , 2021 , 7, 1360-1367	13.4	1
7	Interplay between copy number alterations and immune profiles in the early breast cancer Scandinavian Breast Group 2004-1 randomized phase II trial: results from a feasibility study. <i>Npj Breast Cancer</i> , 2021 , 7, 144	7.8	0
6	Prognostic role of serum thymidine kinase 1 kinetics during neoadjuvant chemotherapy for early breast cancer. <i>ESMO Open</i> , 2021 , 6, 100076	6	0
5	What do we still need to learn on digitally assessed biomarkers?. <i>EBioMedicine</i> , 2021 , 70, 103520	8.8	0
4	Response to correspondence on Low concordance of biomarkers in histopathological and cytological material from breast cancer. <i>Histopathology</i> , 2015 , 66, 756-8	7.3	
3	Abstract P1-07-07: Endoresist: Prognostic and predictive gene profiles in endocrine-resistant breast cancers. <i>Cancer Research</i> , 2022 , 82, P1-07-07-P1-07-07	10.1	
2	Abstract P3-02-06: A phase II study of 68Ga-ABY-025 PET for non-invasive quantification of HER2 expression in breast cancer. <i>Cancer Research</i> , 2022 , 82, P3-02-06-P3-02-06	10.1	
1	Abstract P1-02-03: Tumor-infiltrating lymphocytes but not HER2 copy number or ratio show prognostic value in trastuzumab-treated HER2-positive breast cancer. <i>Cancer Research</i> , 2022 , 82, P1-02-03-P1-02-03	10.1	