# Hanina Hibshoosh

List of Publications by Year
in descending order

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| 96 | 17,747 | 76326 40 | 51608 86 |
|---|---|---|---|
| papers | citations | h-index | g-index |

| 102 | 102 | 102 | 25504 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | PTEN , a Putative Protein Tyrosine Phosphatase Gene Mutated in Human Brain, Breast, and Prostate Cancer. Science, 1997, 275, 1943-1947. | 12.6 | 4,506 |
| 2 | Induction of autophagy and inhibition of tumorigenesis by beclin 1. Nature, 1999, 402, 672-676. | 27.8 | 2,991 |
| 3 | Promotion of tumorigenesis by heterozygous disruption of the beclin 1 autophagy gene. Journal of Clinical Investigation, 2003, 112, 1809-1820. | 8.2 | 1,957 |
| 4 | Integrated Genomic Characterization of Pancreatic Ductal Adenocarcinoma. Cancer Cell, 2017, 32, 185-203.e13. | 16.8 | 1,428 |
| 5 | PIK3CA Mutations Correlate with Hormone Receptors, Node Metastasis, and ERBB2, and Are Mutually Exclusive with PTEN Loss in Human Breast Carcinoma. Cancer Research, 2005, 65, 2554-2559. | 0.9 | 813 |
| 6 | COVID-19 tissue atlases reveal SARS-CoV-2 pathology and cellular targets. Nature, 2021, 595, 107-113. | 27.8 | 537 |
| 7 | Poor prognosis in carcinoma is associated with a gene expression signature of aberrant PTEN tumor suppressor pathway activity. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 7564-7569. | 7.1 | 445 |
| 8 | A molecular single-cell lung atlas of lethal COVID-19. Nature, 2021, 595, 114-119. | 27.8 | 411 |
| 9 | Recurrent gross mutations of the PTEN tumor suppressor gene in breast cancers with deficient DSB repair. Nature Genetics, 2008, 40, 102-107. | 21.4 | 316 |
| 10 | Lack of PTEN sequesters CHK1 and initiates genetic instability. Cancer Cell, 2005, 7, 193-204. | 16.8 | 305 |
| 11 | Single luminal epithelial progenitors can generate prostate organoids in culture. Nature Cell Biology, 2014, 16, 951-961. | 10.3 | 283 |
| 12 | A Secreted PTEN Phosphatase That Enters Cells to Alter Signaling and Survival. Science, 2013, 341, 399-402. | 12.6 | 270 |
| 13 | Activation of the PI3K Pathway in Cancer Through Inhibition of PTEN by Exchange Factor P-REX2a. Science, 2009, 325, 1261-1265. | 12.6 | 228 |
| 14 | The relationship between genetic damage from polycyclic aromatic hydrocarbons in breast tissue and breast cancer. Carcinogenesis, 2000, 21, 1281-1289. | 2.8 | 173 |
| 15 | BRCA2 Mutation-associated Breast Cancers Exhibit a Distinguishing Phenotype Based on Morphology and Molecular Profiles From Tissue Microarrays. American Journal of Surgical Pathology, 2007, 31, 121-128. | 3.7 | 156 |
| 16 | Implementation of next generation sequencing into pediatric hematology-oncology practice: moving beyond actionable alterations. Genome Medicine, 2016, 8, 133. | 8.2 | 147 |
| 17 | Experimental microdissection enables functional harmonisation of pancreatic cancer subtypes. Gut, 2019, 68, 1034-1043. | 12.1 | 147 |
| 18 | BAF180 Is a Critical Regulator of p21 Induction and a Tumor Suppressor Mutated in Breast Cancer. Cancer Research, 2008, 68, 1667-1674. | 0.9 | 143 |

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|---|---|---|---|
| 19 | 3-Phosphoinositideâ€“Dependent Kinase 1 Potentiates Upstream Lesions on the Phosphatidylinositol 3-Kinase Pathway in Breast Carcinoma. Cancer Research, 2009, 69, 6299-6306. | 0.9 | 126 |
| 20 | Reduced expression of PTEN correlates with breast cancer progression. Human Pathology, 2002, 33, 405-409. | 2.0 | 123 |
| 21 | CD24 Is a New Oncogene, Early at the Multistep Process of Colorectal Cancer Carcinogenesis. Gastroenterology, 2006, 131, 630-639. | 1.3 | 102 |
| 22 | Allelic loss of chromosome 10q23 is associated with tumor progression in breast carcinomas. Oncogene, 1998, 17, 123-127. | 5.9 | 99 |
| 23 | Interobserver agreement and reproducibility in classification of invasive breast carcinoma: an NCI breast cancer family registry study. Modern Pathology, 2006, 19, 195-207. | 5.5 | 99 |
| 24 | Decreased BECN1 mRNA Expression in Human Breast Cancer is Associated With Estrogen Receptor-Negative Subtypes and Poor Prognosis. EBioMedicine, 2015, 2, 255-263. | 6.1 | 95 |
| 25 | Phase IB Randomized, Double-Blinded, Placebo-Controlled, Dose Escalation Study of Polyphenon E in Women with Hormone Receptorâ€“Negative Breast Cancer. Cancer Prevention Research, 2012, 5, 1144-1154. | 1.5 | 86 |
| 26 | Overexpression of cyclin D1 occurs in both squamous carcinomas and adenocarcinomas of the esophagus and in adenocarcinomas of the stomach. Human Pathology, 1999, 30, 1087-1092. | 2.0 | 81 |
| 27 | Prognostic significance of gene-specific promoter hypermethylation in breast cancer patients. Breast Cancer Research and Treatment, 2012, 131, 197-205. | 2.5 | 78 |
| 28 | Chronic Helicobacter pylori Infection Induces an Apoptosis-Resistant Phenotype Associated with Decreased Expression of p27 <sup>kip1</sup>. Infection and Immunity, 2000, 68, 5321-5328. | 2.2 | 72 |
| 29 | Increased susceptibility to carcinogen-induced mammary tumors in MMTV-Cdc25B transgenic mice. Oncogene, 1999, 18, 5159-5166. | 5.9 | 70 |
| 30 | A single-cell atlas of the mouse and human prostate reveals heterogeneity and conservation of epithelial progenitors. ELife, 2020, 9, . | 6.0 | 69 |
| 31 | Evaluation of 4-aminobiphenyl-DNA adducts in human breast cancer: the influence of tobacco smoke. Carcinogenesis, 2003, 24, 719-725. | 2.8 | 64 |
| 32 | Dissecting the treatment-naive ecosystem of human melanoma brain metastasis. Cell, 2022, 185, 2591-2608.e30. | 28.9 | 62 |
| 33 | Associations between Polycyclic Aromatic Hydrocarbonâ€“Related Exposures and p53 Mutations in Breast Tumors. Environmental Health Perspectives, 2010, 118, 511-518. | 6.0 | 59 |
| 34 | Proton pump inhibitors reduce cell cycle abnormalities in Barrett's esophagus. Oncogene, 2001, 20, 7987-7991. | 5.9 | 53 |
| 35 | PTEN inhibits PREX2-catalyzed activation of RAC1 to restrain tumor cell invasion. Science Signaling, 2015, 8, ra32. | 3.6 | 53 |
| 36 | Optical Coherence Tomography. Academic Radiology, 2018, 25, 279-287. | 2.5 | 53 |

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|---|---|---|---|
| 37 | Sources of polycyclic aromatic hydrocarbons are associated with gene-specific promoter methylation in women with breast cancer. Environmental Research, 2016, 145, 93-100. | 7.5 | 52 |
| 38 | p53 Maintains Baseline Expression of Multiple Tumor Suppressor Genes. Molecular Cancer Research, 2017, 15, 1051-1062. | 3.4 | 51 |
| 39 | Lymphovascular invasion is an independent predictor of survival in breast cancer after neoadjuvant chemotherapy. Breast Cancer Research and Treatment, 2016, 157, 555-564. | 2.5 | 50 |
| 40 | A MYC and RAS co-activation signature in localized prostate cancer drives bone metastasis and castration resistance. Nature Cancer, 2020, 1, 1082-1096. | 13.2 | 49 |
| 41 | Visualization and tissue classification of human breast cancer images using ultrahighâ€resolution OCT. Lasers in Surgery and Medicine, 2017, 49, 258-269. | 2.1 | 47 |
| 42 | Estrogen and Progesterone Receptor-negative T11 Vertebral Hemangioma Presenting as a Postpartum Compression Fracture: Case Report and Management. Neurosurgery, 2000, 46, 218-221. | 1.1 | 42 |
| 43 | Gene promoter methylation is associated with increased mortality among women with breast cancer. Breast Cancer Research and Treatment, 2010, 121, 685-692. | 2.5 | 41 |
| 44 | Dynamic Diffuse Optical Tomography for Monitoring Neoadjuvant Chemotherapy in Patients with Breast Cancer. Radiology, 2018, 287, 778-786. | 7.3 | 39 |
| 45 | Mutations in p53, p53 protein overexpression and breast cancer survival. Journal of Cellular and Molecular Medicine, 2009, 13, 3847-3857. | 3.6 | 38 |
| 46 | Molecular epidemiologic studies of polycyclic aromatic hydrocarbon-DNA adducts and breast cancer. Environmental and Molecular Mutagenesis, 2002, 39, 201-207. | 2.2 | 37 |
| 47 | Modulation of ErbB2 Blockade in ErbB2-Positive Cancers: The Role of ErbB2 Mutations and PHLDA1. PLoS ONE, 2014, 9, e106349. | 2.5 | 27 |
| 48 | Integrated molecular pathway analysis informs a synergistic combination therapy targeting PTEN/PI3K and EGFR pathways for basal-like breast cancer. BMC Cancer, 2016, 16, 587. | 2.6 | 26 |
| 49 | Tumor characterization and treatment monitoring of postsurgical human breast specimens using harmonic motion imaging (HMI). Breast Cancer Research, 2016, 18, 46. | 5.0 | 26 |
| 50 | Differential requirements of androgen receptor in luminal progenitors during prostate regeneration and tumor initiation. ELife, 2018, 7, . | 6.0 | 26 |
| 51 | Clinical Features, Survival and Prognostic Factors of Glycogen-Rich Clear Cell Carcinoma (GRCC) of the Breast in the U.S. Population. Journal of Clinical Medicine, 2019, 8, 246. | 2.4 | 26 |
| 52 | Immunohistochemical analysis of polycyclic aromatic hydrocarbon-DNA adducts in breast tumor tissue. Cancer Letters, 2000, 154, 143-149. | 7.2 | 25 |
| 53 | Phase Ib Randomized, Double-Blinded, Placebo-Controlled, Dose Escalation Study of Polyphenon E in Patients with Barrett's Esophagus. Cancer Prevention Research, 2015, 8, 1131-1137. | 1.5 | 25 |
| 54 | Fully Automated Postlumpectomy Breast Margin Assessment Utilizing Convolutional Neural Network Based Optical Coherence Tomography Image Classification Method. Academic Radiology, 2020, 27, e81-e86. | 2.5 | 25 |

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|---|---|---|---|
| 55 | NKX3.1 Localization to Mitochondria Suppresses Prostate Cancer Initiation. Cancer Discovery, 2021, 11, 2316-2333. | 9.4 | 25 |
| 56 | Polycyclic aromatic hydrocarbon (PAH)â€“DNA adducts and breast cancer: modification by gene promoter methylation in a population-based study. Cancer Causes and Control, 2015, 26, 1791-1802. | 1.8 | 22 |
| 57 | Monitoring Metastasis and Cachexia in a Patient with Breast Cancer: A Case Study. Clinical Medicine Insights: Oncology, 2016, 10, CMO.S40479. | 1.3 | 22 |
| 58 | The influence of one-carbon metabolism on gene promoter methylation in a population-based breast cancer study. Epigenetics, 2011, 6, 1276-1283. | 2.7 | 20 |
| 59 | PTEN and NEDD4 in Human Breast Carcinoma. Pathology and Oncology Research, 2016, 22, 41-47. | 1.9 | 19 |
| 60 | Gene expression profiles for low-dose exposure to diethyl phthalate in rodents and humans: a translational study with implications for breast carcinogenesis. Scientific Reports, 2020, 10, 7067. | 3.3 | 19 |
| 61 | Modification of the association between recreational physical activity and survival after breast cancer by promoter methylation in breast cancer-related genes. Breast Cancer Research, 2017, 19, 19. | 5.0 | 18 |
| 62 | Response of Small Cell Carcinoma of Pancreas to a Small Cell Lung Cancer Regimen: A Case Report. Cancer Investigation, 1996, 14, 335-339. | 1.3 | 17 |
| 63 | DNA methylation modifies the association between obesity and survival after breast cancer diagnosis. Breast Cancer Research and Treatment, 2016, 156, 183-194. | 2.5 | 17 |
| 64 | NOTCH and EZH2 collaborate to repress PTEN expression in breast cancer. Communications Biology, 2021, 4, 312. | 4.4 | 16 |
| 65 | Diffuse optical tomography changes correlate with residual cancer burden after neoadjuvant chemotherapy in breast cancer patients. Breast Cancer Research and Treatment, 2017, 162, 533-540. | 2.5 | 15 |
| 66 | Reply to â€˜H-STS, L-STS and KRJ-I are not authentic GEPNET cell linesâ€™. Nature Genetics, 2019, 51, 1427-1428. | 21.4 | 15 |
| 67 | Clinico-histopathologic and single-nuclei RNA-sequencing insights into cardiac injury and microthrombi in critical COVID-19. JCI Insight, 2022, 7, . | 5.0 | 14 |
| 68 | Gene-Specific Promoter Methylation Status in Hormone-Receptor-Positive Breast Cancer Associates with Postmenopausal Body Size and Recreational Physical Activity. International Journal of Cancer and Clinical Research, 2015, 2, . | 0.1 | 12 |
| 69 | Invasive Lobular Breast Carcinoma: Pleomorphic Versus Classical Subtype, Associations andÂPrognosis. Clinical Breast Cancer, 2018, 18, 114-120. | 2.4 | 11 |
| 70 | p16Ink4a is Overexpressed in H. pylori-Associated Gastritis and is Correlated with Increased Epithelial Apoptosis. Helicobacter, 2003, 8, 66-71. | 3.5 | 10 |
| 71 | Risk factors for uncommon histologic subtypes of breast cancer using centralized pathology review in the Breast Cancer Family Registry. Breast Cancer Research and Treatment, 2012, 134, 1209-1220. | 2.5 | 10 |
| 72 | Cyclin D1 overexpression is associated with estrogen receptor expression in Caucasian but not African-American breast cancer. Anticancer Research, 2005, 25, 273-81. | 1.1 | 10 |

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|---|---|---|---|
| 73 | Obesity-associated Breast Inflammation among Hispanic/Latina Breast Cancer Patients. Cancer Prevention Research, 2019, 12, 21-30. | 1.5 | 9 |
| 74 | The relationship between genetic damage from polycyclic aromatic hydrocarbons in breast tissue and breast cancer. Carcinogenesis, 2000, 21, 1281-1289. | 2.8 | 9 |
| 75 | Carcinoma en cuirasse caused by pleomorphic lobular carcinoma of the breast in a man. JAAD Case Reports, 2016, 2, 317-319. | 0.8 | 8 |
| 76 | Global DNA Methylation, Measured by the Luminometric Methylation Assay (LUMA), Associates with Postmenopausal Breast Cancer in Non-Obese and Physically Active Women. Journal of Cancer, 2015, 6, 548-554. | 2.5 | 7 |
| 77 | DNA Methylation in Breast Tumor from High-risk Women in the Breast Cancer Family Registry. Anticancer Research, 2017, 37, 659-664. | 1.1 | 7 |
| 78 | African-American/White differences in breast carcinoma. Cancer, 2005, 104, 661-662. | 4.1 | 6 |
| 79 | Comparative study of texture features in OCT images at different scales for human breast tissue classification. , 2016, 2016, 3926-3929. | | 5 |
| 80 | Changes in Diffuse Optical Tomography Images During Early Stages of Neoadjuvant Chemotherapy Correlate with Tumor Response in Different Breast Cancer Subtypes. Clinical Cancer Research, 2021, 27, 1949-1957. | 7.0 | 5 |
| 81 | The progesterone-receptor modulator, ulipristal acetate, drastically lowers breast cell proliferation. Breast Cancer Research and Treatment, 2022, 192, 321-329. | 2.5 | 4 |
| 82 | Classifying breast cancer in ultrahigh-resolution optical coherence tomography images using convolutional neural networks. Applied Optics, 2022, 61, 4458. | 1.8 | 4 |
| 83 | Aberrant Zip14 expression in muscle is associated with cachexia in a Bard1 â€deficient mouse model of breast cancer metastasis. Cancer Medicine, 2020, 9, 6766-6775. | 2.8 | 3 |
| 84 | Presurgical evaluation of the AKT inhibitor MK-2206 in patients with operable invasive breast cancer.. Journal of Clinical Oncology, 2014, 32, 2613-2613. | 1.6 | 3 |
| 85 | Effects of neoadjuvant chemotherapy on the contralateral non-tumor-bearing breast assessed by diffuse optical tomography. Breast Cancer Research, 2021, 23, 16. | 5.0 | 2 |
| 86 | Convolutional neural network (CNN) classification of breast cancer in optical coherence tomography (OCT) images. , 2019, , . | | 1 |
| 87 | Ensemble deep learning for breast cancer segmentation in optical coherence tomography (OCT) images. , 2020, , . | | 1 |
| 88 | Identifying DNA methylation signatures in high-grade serous ovarian cancer: Results vary by control tissue type.. Journal of Clinical Oncology, 2022, 40, e17559-e17559. | 1.6 | 1 |
| 89 | An unusual presentation of a rare soft tissue tumor in the tongue: Inflammatory myofibroblastic tumor. International Journal of Pediatric Otorhinolaryngology Extra, 2017, 15, 1-3. | 0.1 | 0 |
| 90 | Ethnic differences in tumor proliferation in women with early-stage breast cancer.. Journal of Clinical Oncology, 2013, 31, 560-560. | 1.6 | 0 |

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|---|---|---|---|
| 91 | Characterization of the tumor immune microenvironment (TIM) with multiplex immunohistochemistry (mIHC) in patients with breast cancer following treatment with MK-2206.. Journal of Clinical Oncology, 2017, 35, e12109-e12109. | 1.6 | 0 |
| 92 | Association of Akt inhibition with change in immunophenotype of tumor microenvironment (TME) in breast cancer (BC).. Journal of Clinical Oncology, 2018, 36, 12057-12057. | 1.6 | 0 |
| 93 | Abstract IA-11: Practical considerations in setting up a biobank. , 2022, , . | | 0 |
| 94 | Abstract P3-02-04: Prediction of breast cancer response to neoadjuvant chemotherapy in different biological breast cancer subtypes using diffuse optical tomography. Cancer Research, 2022, 82, P3-02-04-P3-02-04. | 0.9 | 0 |
| 95 | Abstract P3-05-04: The histone demethylase hairless functions as a tumor suppressor gene in breast cancer development. Cancer Research, 2022, 82, P3-05-04-P3-05-04. | 0.9 | 0 |
| 96 | Evidence for early prediction of pathologic complete response in breast cancer neoadjuvant chemotherapy based on pretreatment data obtained with dynamic diffuse optical tomography. , 2022, , . | | 0 |