

Andrew H Beck

List of Publications by Year in descending order

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Version: 2024-02-01

47
papers

7,676
citations

201385

27
h-index

253896

43
g-index

48
all docs

48
docs citations

48
times ranked

14725
citing authors

#	ARTICLE	IF	CITATIONS
1	Diagnostic Assessment of Deep Learning Algorithms for Detection of Lymph Node Metastases in Women With Breast Cancer. <i>JAMA - Journal of the American Medical Association</i> , 2017, 318, 2199.	3.8	2,003
2	Comprehensive Molecular Portraits of Invasive Lobular Breast Cancer. <i>Cell</i> , 2015, 163, 506-519.	13.5	1,485
3	Systematic Analysis of Breast Cancer Morphology Uncovers Stromal Features Associated with Survival. <i>Science Translational Medicine</i> , 2011, 3, 108ra113.	5.8	603
4	Oncogenic Role of Fusion-circRNAs Derived from Cancer-Associated Chromosomal Translocations. <i>Cell</i> , 2016, 165, 289-302.	13.5	567
5	The Reprogramming of Tumor Stroma by HSF1 Is a Potent Enabler of Malignancy. <i>Cell</i> , 2014, 158, 564-578.	13.5	298
6	PharmacoGx: an R package for analysis of large pharmacogenomic datasets. <i>Bioinformatics</i> , 2016, 32, 1244-1246.	1.8	249
7	Prostate cancer-associated SPOP mutations confer resistance to BET inhibitors through stabilization of BRD4. <i>Nature Medicine</i> , 2017, 23, 1063-1071.	15.2	240
8	Nanoscale imaging of clinical specimens using pathology-optimized expansion microscopy. <i>Nature Biotechnology</i> , 2017, 35, 757-764.	9.4	182
9	Predicting breast tumor proliferation from whole-slide images: The TUPAC16 challenge. <i>Medical Image Analysis</i> , 2019, 54, 111-121.	7.0	182
10	Etiologic field effect: reappraisal of the field effect concept in cancer predisposition and progression. <i>Modern Pathology</i> , 2015, 28, 14-29.	2.9	172
11	SPOP Promotes Ubiquitination and Degradation of the ERG Oncoprotein to Suppress Prostate Cancer Progression. <i>Molecular Cell</i> , 2015, 59, 917-930.	4.5	172
12	Using deep convolutional neural networks to identify and classify tumor-associated stroma in diagnostic breast biopsies. <i>Modern Pathology</i> , 2018, 31, 1502-1512.	2.9	145
13	Human-interpretable image features derived from densely mapped cancer pathology slides predict diverse molecular phenotypes. <i>Nature Communications</i> , 2021, 12, 1613.	5.8	114
14	Computational Pathology to Discriminate Benign from Malignant Intraductal Proliferations of the Breast. <i>PLoS ONE</i> , 2014, 9, e114885.	1.1	106
15	A Machine Learning Approach Enables Quantitative Measurement of Liver Histology and Disease Monitoring in NASH. <i>Hepatology</i> , 2021, 74, 133-147.	3.6	101
16	Aspirin Suppresses Growth in PI3K-Mutant Breast Cancer by Activating AMPK and Inhibiting mTORC1 Signaling. <i>Cancer Research</i> , 2017, 77, 790-801.	0.4	96
17	Report on computational assessment of Tumor Infiltrating Lymphocytes from the International Immuno-Oncology Biomarker Working Group. <i>Npj Breast Cancer</i> , 2020, 6, 16.	2.3	90
18	The molecular basis of breast cancer pathological phenotypes. <i>Journal of Pathology</i> , 2017, 241, 375-391.	2.1	86

#	ARTICLE	IF	CITATIONS
19	The SIRT2 Deacetylase Stabilizes Slug to Control Malignancy of Basal-like Breast Cancer. <i>Cell Reports</i> , 2016, 17, 1302-1317.	2.9	85
20	NFAT1 promotes intratumoral neutrophil infiltration by regulating IL8 expression in breast cancer. <i>Molecular Oncology</i> , 2015, 9, 1140-1154.	2.1	59
21	Antibody Therapy Targeting CD47 and CD271 Effectively Suppresses Melanoma Metastasis in Patient-Derived Xenografts. <i>Cell Reports</i> , 2016, 16, 1701-1716.	2.9	56
22	SPOP Promotes Nanog Destruction to Suppress Stem Cell Traits and Prostate Cancer Progression. <i>Developmental Cell</i> , 2019, 48, 329-344.e5.	3.1	53
23	LINC00520 is induced by Src, STAT3, and PI3K and plays a functional role in breast cancer. <i>Oncotarget</i> , 2016, 7, 81981-81994.	0.8	48
24	<i>EN1</i> Is a Transcriptional Dependency in Triple-Negative Breast Cancer Associated with Brain Metastasis. <i>Cancer Research</i> , 2019, 79, 4173-4183.	0.4	47
25	TNF- α expression, risk factors, and inflammatory exposures in ovarian cancer: evidence for an inflammatory pathway of ovarian carcinogenesis?. <i>Human Pathology</i> , 2016, 54, 82-91.	1.1	45
26	MERIT40 Is an Akt Substrate that Promotes Resolution of DNA Damage Induced by Chemotherapy. <i>Cell Reports</i> , 2015, 11, 1358-1366.	2.9	40
27	DNA defects, epigenetics, and gene expression in cancer-adjacent breast: a study from The Cancer Genome Atlas. <i>Npj Breast Cancer</i> , 2016, 2, 16007.	2.3	33
28	Crowdsourcing scoring of immunohistochemistry images: Evaluating Performance of the Crowd and an Automated Computational Method. <i>Scientific Reports</i> , 2017, 7, 43286.	1.6	31
29	Noninvasive Imaging of Tumor Burden and Molecular Pathways in Mouse Models of Cancer. <i>Cold Spring Harbor Protocols</i> , 2015, 2015, pdb.top069930.	0.2	28
30	Deep learning-based assessment of tumor-associated stroma for diagnosing breast cancer in histopathology images. , 2017, 2017, 929-932.		27
31	Breast cancer risk factors in relation to estrogen receptor, progesterone receptor, insulin-like growth factor-1 receptor, and Ki67 expression in normal breast tissue. <i>Npj Breast Cancer</i> , 2017, 3, 39.	2.3	27
32	A Machine Learning Approach to Liver Histological Evaluation Predicts Clinically Significant Portal Hypertension in NASH Cirrhosis. <i>Hepatology</i> , 2021, 74, 3146-3160.	3.6	25
33	Alcohol consumption and breast tumor gene expression. <i>Breast Cancer Research</i> , 2017, 19, 108.	2.2	23
34	Safikhani et al. reply. <i>Nature</i> , 2016, 540, E2-E4.	13.7	22
35	Deep learning assessment of tumor proliferation in breast cancer histological images. , 2017, , .		21
36	Molecular mechanisms linking high body mass index to breast cancer etiology in post-menopausal breast tumor and tumor-adjacent tissues. <i>Breast Cancer Research and Treatment</i> , 2019, 173, 667-677.	1.1	19

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37	Region of interest identification and diagnostic agreement in breast pathology. <i>Modern Pathology</i> , 2016, 29, 1004-1011.	2.9	17
38	A <i>BRCA1/2</i> Mutational Signature and Survival in Ovarian High-Grade Serous Carcinoma. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2016, 25, 1511-1516.	1.1	16
39	Open Access to Large Scale Datasets Is Needed to Translate Knowledge of Cancer Heterogeneity into Better Patient Outcomes. <i>PLoS Medicine</i> , 2015, 12, e1001794.	3.9	14
40	Evaluation of a Gene Expression Microarray-based Assay to Determine Tissue Type of Origin on a Diverse Set of 49 Malignancies. <i>American Journal of Surgical Pathology</i> , 2011, 35, 1030-1037.	2.1	12
41	Application of convolutional neural networks to breast biopsies to delineate tissue correlates of mammographic breast density. <i>Npj Breast Cancer</i> , 2019, 5, 43.	2.3	12
42	Safikhani et al. reply. <i>Nature</i> , 2016, 540, E11-E12.	13.7	11
43	Safikhani et al. reply. <i>Nature</i> , 2016, 540, E6-E8.	13.7	10
44	Progress in Medicine: Experts Take Stock. <i>PLoS Medicine</i> , 2015, 12, e1001933.	3.9	2
45	Increased rate of atypical squamous cells of undetermined significance and declining high-risk human papillomavirus rates following implementation of ThinPrep Imaging System are associated with increased nuclear chromasia. <i>Journal of the American Society of Cytopathology</i> , 2014, 3, 73-78.	0.2	1
46	Application of Image-Guided Coring as a new technique for targeting breast tumor tissue in molecular pathology. <i>FASEB Journal</i> , 2013, 27, 1b460.	0.2	0
47	Chromosomal copy number alterations (CNAs) for risk assessment of ductal carcinoma in situ (DCIS).. <i>Journal of Clinical Oncology</i> , 2014, 32, 565-565.	0.8	0