

Dhananjay Arun Chitale

List of Publications by Year in descending order

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Version: 2024-02-01

92
papers

7,631
citations

136740

32
h-index

54797

84
g-index

95
all docs

95
docs citations

95
times ranked

10739
citing authors

#	ARTICLE	IF	CITATIONS
1	<i>MET</i> amplification occurs with or without <i>T790M</i> mutations in <i>EGFR</i> mutant lung tumors with acquired resistance to gefitinib or erlotinib. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 20932-20937.	3.3	1,557
2	Molecular Testing Guideline for Selection of Lung Cancer Patients for EGFR and ALK Tyrosine Kinase Inhibitors: Guideline from the College of American Pathologists, International Association for the Study of Lung Cancer, and Association for Molecular Pathology. Journal of Thoracic Oncology, 2013, 8, 823-859.	0.5	792
3	Frequency and Distinctive Spectrum of <i>KRAS</i> Mutations in Never Smokers with Lung Adenocarcinoma. Clinical Cancer Research, 2008, 14, 5731-5734.	3.2	505
4	Mutational Profile of Advanced Primary and Metastatic Radioactive Iodine-Refractory Thyroid Cancers Reveals Distinct Pathogenetic Roles for <i>BRAF</i> , <i>PIK3CA</i> , and <i>AKT1</i> . Cancer Research, 2009, 69, 4885-4893.	0.4	488
5	Molecular Testing Guideline for Selection of Lung Cancer Patients for EGFR and ALK Tyrosine Kinase Inhibitors: Guideline from the College of American Pathologists, International Association for the Study of Lung Cancer, and Association for Molecular Pathology. Archives of Pathology and Laboratory Medicine, 2013, 137, 828-860.	1.2	415
6	Molecular Testing Guideline for Selection of Lung Cancer Patients for EGFR and ALK Tyrosine Kinase Inhibitors. Journal of Molecular Diagnostics, 2013, 15, 415-453.	1.2	397
7	Prognostic and Therapeutic Implications of EGFR and KRAS Mutations in Resected Lung Adenocarcinoma. Journal of Thoracic Oncology, 2008, 3, 111-116.	0.5	248
8	Genomic and Biological Characterization of Exon 4 KRAS Mutations in Human Cancer. Cancer Research, 2010, 70, 5901-5911.	0.4	245
9	Genetic Predictors of MEK Dependence in Non-Small Cell Lung Cancer. Cancer Research, 2008, 68, 9375-9383.	0.4	235
10	Novel <i>MEK1</i> Mutation Identified by Mutational Analysis of Epidermal Growth Factor Receptor Signaling Pathway Genes in Lung Adenocarcinoma. Cancer Research, 2008, 68, 5524-5528.	0.4	206
11	An integrated genomic analysis of lung cancer reveals loss of DUSP4 in EGFR-mutant tumors. Oncogene, 2009, 28, 2773-2783.	2.6	205
12	Heterogeneity of Breast Cancer Metastases: Comparison of Therapeutic Target Expression and Promoter Methylation Between Primary Tumors and Their Multifocal Metastases. Clinical Cancer Research, 2008, 14, 1938-1946.	3.2	193
13	Loss of Let-7 Up-Regulates EZH2 in Prostate Cancer Consistent with the Acquisition of Cancer Stem Cell Signatures That Are Attenuated by BR-DIM. PLoS ONE, 2012, 7, e33729.	1.1	189
14	EGFR Mutations in Lung Adenocarcinomas. Journal of Molecular Diagnostics, 2008, 10, 242-248.	1.2	180
15	Frequency of EGFR and KRAS Mutations in Lung Adenocarcinomas in African Americans. Journal of Thoracic Oncology, 2011, 6, 28-31.	0.5	126
16	Bioenergetic Adaptations in Chemoresistant Ovarian Cancer Cells. Scientific Reports, 2017, 7, 8760.	1.6	119
17	False-negative core needle biopsies of the breast. Cancer, 2003, 97, 1824-1831.	2.0	109
18	Epigenetic silencing of miR-34a in human prostate cancer cells and tumor tissue specimens can be reversed by BR-DIM treatment. American Journal of Translational Research (discontinued), 2012, 4, 14-23.	0.0	70

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19	Comparative Analysis of Breast Cancer Phenotypes in African American, White American, and West Versus East African patients: Correlation Between African Ancestry and Triple-Negative Breast Cancer. <i>Annals of Surgical Oncology</i> , 2016, 23, 3843-3849.	0.7	63
20	Mutational Landscape of Aggressive Prostate Tumors in African American Men. <i>Cancer Research</i> , 2016, 76, 1860-1868.	0.4	61
21	Renal Cell Carcinoma With Chromosome 6p Amplification Including the TFEB Gene. <i>American Journal of Surgical Pathology</i> , 2017, 41, 287-298.	2.1	60
22	Inflammation and preneoplastic lesions in benign prostate as risk factors for prostate cancer. <i>Modern Pathology</i> , 2012, 25, 1023-1032.	2.9	57
23	Hereditary Susceptibility for Triple Negative Breast Cancer Associated With Western Sub-Saharan African Ancestry. <i>Annals of Surgery</i> , 2019, 270, 484-492.	2.1	56
24	A serum-based DNA methylation assay provides accurate detection of glioma. <i>Neuro-Oncology</i> , 2021, 23, 1494-1508.	0.6	53
25	Adenomyoepithelioma of the Breast: A Brief Diagnostic Review. <i>Archives of Pathology and Laboratory Medicine</i> , 2013, 137, 725-729.	1.2	51
26	Inhibition of 5-Lipoxygenase Selectively Triggers Disruption of c-Myc Signaling in Prostate Cancer Cells. <i>Journal of Biological Chemistry</i> , 2015, 290, 4994-5006.	1.6	50
27	Benign metastasizing chondroblastoma. <i>Cancer</i> , 1998, 82, 675-678.	2.0	47
28	The Role of Lymph Node Metastasis in the Systemic Dissemination of Breast Cancer. <i>Annals of Surgical Oncology</i> , 2009, 16, 3396-3405.	0.7	44
29	Clinical Performance of <i>JAK2</i> V617F Mutation Detection Assays in a Molecular Diagnostics Laboratory. <i>American Journal of Clinical Pathology</i> , 2009, 132, 713-721.	0.4	41
30	Atypical Chemokine Receptor 1 (<i>DARC/ACKR1</i>) in Breast Tumors Is Associated with Survival, Circulating Chemokines, Tumor-Infiltrating Immune Cells, and African Ancestry. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2019, 28, 690-700.	1.1	41
31	Methylation of the <i>RARB</i> Gene Increases Prostate Cancer Risk in Black Americans. <i>Journal of Urology</i> , 2013, 190, 317-324.	0.2	36
32	DNA Methylation in Thyroid Tumorigenesis. <i>Cancers</i> , 2011, 3, 1732-1743.	1.7	34
33	Autoantibodies in breast cancer sera are not epiphenomena and may participate in carcinogenesis. <i>BMC Cancer</i> , 2015, 15, 407.	1.1	34
34	Triple-Negative Breast Cancer, Stem Cells, and African Ancestry. <i>American Journal of Pathology</i> , 2018, 188, 271-279.	1.9	33
35	Admixture Fine-Mapping in African Americans Implicates <i>XAF1</i> as a Possible Sarcoidosis Risk Gene. <i>PLoS ONE</i> , 2014, 9, e92646.	1.1	31
36	Renal cell tumors with clear cell histology and intact <i>VHL</i> and chromosome 3p: a histological review of tumors from the Cancer Genome Atlas database. <i>Modern Pathology</i> , 2017, 30, 1603-1612.	2.9	30

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37	Expression of cancer-associated testis antigens in endometrial carcinomas using a tissue microarray. <i>Modern Pathology</i> , 2005, 18, 119-126.	2.9	28
38	Angiolipoma of the Female Breast: Clinicomorphological Correlation of 52 Cases. <i>International Journal of Surgical Pathology</i> , 2011, 19, 35-43.	0.4	27
39	Differential expression of aurora-A kinase in T-cell lymphomas. <i>Modern Pathology</i> , 2013, 26, 640-647.	2.9	25
40	Prevalence of Terminal Duct Lobular Units and Frequency of Neoplastic Involvement of the Nipple in Mastectomy. <i>Archives of Pathology and Laboratory Medicine</i> , 2013, 137, 955-960.	1.2	25
41	The Henry Ford Production System: LEAN Process Redesign Improves Service in the Molecular Diagnostic Laboratory. <i>Journal of Molecular Diagnostics</i> , 2009, 11, 390-399.	1.2	22
42	Immunohistochemical staining with EGFR mutation-specific antibodies: high specificity as a diagnostic marker for lung adenocarcinoma. <i>Modern Pathology</i> , 2013, 26, 1197-1203.	2.9	22
43	Breast cancer risk and germline genomic profiling of women with neurofibromatosis type 1 who developed breast cancer. <i>Genes Chromosomes and Cancer</i> , 2018, 57, 19-27.	1.5	22
44	Disease-free probability after the first primary ductal carcinoma in situ of the breast: a comparison between African-American and White-American women. <i>Breast Cancer Research and Treatment</i> , 2012, 131, 561-570.	1.1	19
45	Biological significance of genome-wide DNA methylation profiles in keloids. <i>Laryngoscope</i> , 2017, 127, 70-78.	1.1	19
46	Methylation Markers for Early Detection and Differentiation of Follicular Thyroid Cancer Subtypes. <i>Cancer and Clinical Oncology</i> , 2015, 4, 1-12.	0.2	17
47	Breast and prostate cancers harbor common somatic copy number alterations that consistently differ by race and are associated with survival. <i>BMC Medical Genomics</i> , 2020, 13, 116.	0.7	17
48	Intraoperative Clinical Assessment and Pressure Measurements of Sentinel Lymph Nodes in Breast Cancer. <i>Annals of Surgical Oncology</i> , 2014, 21, 81-85.	0.7	15
49	Evaluation and Adaptation of a Laboratory-Based cDNA Library Preparation Protocol for Retrospective Sequencing of Archived MicroRNAs from up to 35-Year-Old Clinical FFPE Specimens. <i>International Journal of Molecular Sciences</i> , 2017, 18, 627.	1.8	15
50	Pseudogene Associated Recurrent Gene Fusion in Prostate Cancer. <i>Neoplasia</i> , 2019, 21, 989-1002.	2.3	15
51	Clonal evaluation of early onset prostate cancer by expression profiling of ERG, SPINK1, <i>ETV1</i> , and <i>ETV4</i> on whole-mount radical prostatectomy tissue. <i>Prostate</i> , 2020, 80, 38-50.	1.2	15
52	Gene fusion characterisation of rare aggressive prostate cancer variants: adenosquamous carcinoma, pleomorphic giant cell carcinoma, and sarcomatoid carcinoma: an analysis of 19 cases. <i>Histopathology</i> , 2020, 77, 890-899.	1.6	15
53	Precursor Lesions of Mucinous Carcinoma of the Breast. <i>American Journal of Surgical Pathology</i> , 2013, 37, 1076-1084.	2.1	14
54	Pseudosarcomatous myofibroblastic proliferations of the genitourinary tract are genetically different from nodular fasciitis and lack <i>USP6</i> , <i>ROS1</i> and <i>ETV6</i> gene rearrangements. <i>Histopathology</i> , 2018, 73, 321-326.	1.6	14

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55	Association between cadmium and androgen receptor protein expression differs in prostate tumors of African American and European American men. <i>Journal of Trace Elements in Medicine and Biology</i> , 2018, 48, 233-238.	1.5	13
56	Methylation in benign prostate and risk of disease progression in men subsequently diagnosed with prostate cancer. <i>International Journal of Cancer</i> , 2016, 138, 2884-2893.	2.3	12
57	Larger men have larger prostates: Detection bias in epidemiologic studies of obesity and prostate cancer risk. <i>Prostate</i> , 2017, 77, 949-954.	1.2	12
58	Investigation of triple-negative breast cancer risk alleles in an International African-enriched cohort. <i>Scientific Reports</i> , 2021, 11, 9247.	1.6	12
59	Anti-centrosome antibodies in breast cancer are the expression of autoimmunity. <i>Immunologic Research</i> , 2014, 60, 339-347.	1.3	11
60	The interplay of growth differentiation factor 15 (GDF15) expression and M2 macrophages during prostate carcinogenesis. <i>Carcinogenesis</i> , 2020, 41, 1074-1082.	1.3	11
61	Growth and differentiation factor 15 and NF- κ B expression in benign prostatic biopsies and risk of subsequent prostate cancer detection. <i>Cancer Medicine</i> , 2021, 10, 3013-3025.	1.3	10
62	A pediatric case of pigmented epithelioid melanocytoma with chromosomal copy number alterations in 15q and 17q and a novel <i>NTRK3-SCAPER</i> gene fusion. <i>Journal of Cutaneous Pathology</i> , 2020, 47, 70-75.	0.7	9
63	The biological significance of methylome differences in human papilloma virus associated head and neck cancer. <i>Oncology Letters</i> , 2016, 12, 4949-4956.	0.8	8
64	Utilization of the 21-Gene Recurrence Score in a Diverse Breast Cancer Patient Population: Development of a Clinicopathologic Model to Predict High-Risk Scores and Response to Neoadjuvant Chemotherapy. <i>Annals of Surgical Oncology</i> , 2018, 25, 1921-1927.	0.7	8
65	Pleomorphic fibroma of the skin with MDM2 immunoreactivity: A potential diagnostic pitfall. <i>Journal of Cutaneous Pathology</i> , 2018, 45, 59-62.	0.7	8
66	Race Differences in Telomere Length in Benign Prostate Biopsies and Subsequent Risk of Prostate Cancer. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2022, 31, 991-998.	1.1	8
67	Multiethnic PDX models predict a possible immune signature associated with TNBC of African ancestry. <i>Breast Cancer Research and Treatment</i> , 2021, 186, 391-401.	1.1	7
68	Clonal evaluation of prostate cancer molecular heterogeneity in biopsy samples by dual immunohistochemistry and dual RNA in situ hybridization. <i>Modern Pathology</i> , 2020, 33, 1791-1801.	2.9	6
69	Anti-androgenic activity of absorption-enhanced 3, 3'-diindolylmethane in prostatectomy patients. <i>American Journal of Translational Research (discontinued)</i> , 2016, 8, 166-76.	0.0	6
70	Reliability of KRAS mutation testing in metastatic colorectal cancer patients across five laboratories. <i>BMC Research Notes</i> , 2012, 5, 196.	0.6	4
71	Germline and Somatic <i>NF1</i> Alterations Are Linked to Increased HER2 Expression in Breast Cancer. <i>Cancer Prevention Research</i> , 2018, 11, 655-664.	0.7	4
72	Distribution and Short-term Prognostic Value of the 21-gene recurrence score in African American compared to White American breast cancer patients. <i>Breast Journal</i> , 2019, 25, 667-671.	0.4	4

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73	Clinical significance of quantitative categorization of HER2 fluorescent in situ hybridization results in invasive breast cancer patients treated with HER2-targeted agents. <i>Modern Pathology</i> , 2021, 34, 720-734.	2.9	4
74	Racial differences in the systemic inflammatory response to prostate cancer. <i>PLoS ONE</i> , 2021, 16, e0252951.	1.1	4
75	Customizable Natural Language Processing Biomarker Extraction Tool. <i>JCO Clinical Cancer Informatics</i> , 2021, 5, 833-841.	1.0	4
76	Tribbles 2 pseudokinase confers enzalutamide resistance in prostate cancer by promoting lineage plasticity. <i>Journal of Biological Chemistry</i> , 2022, 298, 101556.	1.6	4
77	Investigation into the presence of human papillomavirus in patients with obstructive sleep apnea. <i>Laryngoscope</i> , 2017, 127, 1231-1234.	1.1	3
78	A Novel <i>COL1A1-CAMTA1</i> Rearrangement in Cranial Fasciitis. <i>International Journal of Surgical Pathology</i> , 2020, 28, 678-682.	0.4	3
79	Array-CGH Shows Amplification of 8q Including <i>MYC</i> as the Sole Aberration in a Leiomyosarcoma of the Female Lower Genital Tract. <i>Cytogenetic and Genome Research</i> , 2014, 142, 245-248.	0.6	2
80	Potential effect of anti-inflammatory drug use on PSA kinetics and subsequent prostate cancer diagnosis: Risk stratification in black and white men with benign prostate biopsy. <i>Prostate</i> , 2019, 79, 1090-1098.	1.2	2
81	Intraspinal Endodermal Cyst: Ultrastructural Study of Abnormal Cilia. <i>Microscopy and Microanalysis</i> , 2003, 9, 183-189.	0.2	1
82	The Potential and Limitations of Precision Oncology: Lessons Learned from Whole-Exome Sequencing in an Exceptional Response to Everolimus in Advanced Renal Cell Carcinoma. <i>Case Reports in Oncology</i> , 2021, 14, 1194-1200.	0.3	1
83	The CAP-IASLC-AMP molecular testing guideline for the selection of lung cancer patients for EGFR and ALK tyrosine kinase inhibitors.. <i>Journal of Clinical Oncology</i> , 2013, 31, 11085-11085.	0.8	1
84	Molecular markers of risk of subsequent invasive breast cancer in women with ductal carcinoma in situ: protocol for a population-based cohort study. <i>BMJ Open</i> , 2021, 11, e053397.	0.8	1
85	Lung and Mediastinal Tumors. , 2015, , 221-268.		0
86	Assessment of the Immune Microenvironment in Estrogen Receptor Positive Invasive Breast Cancers and Its Correlation to Clinicopathologic Parameters. <i>American Journal of Clinical Pathology</i> , 2016, 146, .	0.4	0
87	HER2 Expression in NF1 Breast Cancer's Response. <i>Cancer Prevention Research</i> , 2019, 12, 197-198.	0.7	0
88	Ecchymotic Nodule on the Scalp: Answer. <i>American Journal of Dermatopathology</i> , 2019, 41, 612-613.	0.3	0
89	Ecchymotic Nodule on the Scalp: Challenge. <i>American Journal of Dermatopathology</i> , 2019, 41, e78-e79.	0.3	0
90	The effects of BR-DIM (BioResponse 3, 3- <i>Diindolylmethane</i>) administered pre-prostatectomy on the androgen receptor (AR).. <i>Journal of Clinical Oncology</i> , 2012, 30, 1560-1560.	0.8	0

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91	Implementation of precision medicine clinical care pathways and a systemwide molecular tumor board at Henry Ford Health System (HFHS).. Journal of Clinical Oncology, 2018, 36, e18541-e18541.	0.8	0
92	Ancillary Studies: Contribution to Error and Error Prevention. , 2019, , 77-106.		0