

# Edi Brogi

## List of Publications by Year in descending order

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Version: 2024-02-01

119  
papers

9,767  
citations

70961

41  
h-index

39575

94  
g-index

121  
all docs

121  
docs citations

121  
times ranked

14307  
citing authors

#	ARTICLE	IF	CITATIONS
1	Spindle cell lesions of the breast: a diagnostic approach. <i>Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin</i> , 2022, 480, 127-145.	1.4	26
2	Expression Analysis of GD2 by Immunohistochemistry in Invasive Breast Carcinoma: Clinical and Pathologic Correlation. <i>Applied Immunohistochemistry and Molecular Morphology</i> , 2022, 30, 113-118.	0.6	3
3	Digital validation of breast biomarkers (ER, PR, AR, and HER2) in cytology specimens using three different scanners. <i>Modern Pathology</i> , 2022, 35, 52-59.	2.9	8
4	Androgen receptor splice variant-7 in breast cancer: clinical and pathologic correlations. <i>Modern Pathology</i> , 2022, 35, 396-402.	2.9	9
5	The clinical behavior and genomic features of the so-called adenoid cystic carcinomas of the solid variant with basaloid features. <i>Modern Pathology</i> , 2022, 35, 193-201.	2.9	25
6	Morphologic and Genomic Characteristics of Breast Cancers Occurring in Individuals with Lynch Syndrome. <i>Clinical Cancer Research</i> , 2022, 28, 404-413.	3.2	13
7	Stromal <i>MED12</i> exon 2 mutations in complex fibroadenomas of the breast. <i>Journal of Clinical Pathology</i> , 2022, 75, 133-136.	1.0	2
8	Incidence of brain metastases in patients with early HER2-positive breast cancer receiving neoadjuvant chemotherapy with trastuzumab and pertuzumab. <i>Npj Breast Cancer</i> , 2022, 8, 37.	2.3	9
9	Quality Issues in Diagnostic Immunohistochemistry in Breast Pathology. <i>Pathobiology</i> , 2022, , 1-10.	1.9	2
10	The morphologic spectrum of lobular carcinoma in situ (LCIS) observations on clinical significance, management implications and diagnostic pitfalls of classic, florid and pleomorphic LCIS. <i>Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin</i> , 2022, 481, 823-837.	1.4	6
11	The genetic landscape of metaplastic breast cancers and uterine carcinosarcomas. <i>Molecular Oncology</i> , 2021, 15, 1024-1039.	2.1	21
12	Whole-exome sequencing analysis of juvenile papillomatosis and coexisting breast carcinoma. <i>Journal of Pathology: Clinical Research</i> , 2021, 7, 113-120.	1.3	4
13	Papillary neoplasms of the breast including upgrade rates and management of intraductal papilloma without atypia diagnosed at core needle biopsy. <i>Modern Pathology</i> , 2021, 34, 78-93.	2.9	14
14	Next-generation assessment of human epidermal growth factor receptor 2 gene ( <i>ERBB2</i> ) amplification status in invasive breast carcinoma: a focus on Group 4 by use of the 2018 American Society of Clinical Oncology/College of American Pathologists HER2 testing guideline. <i>Histopathology</i> , 2021, 78, 498-507.	1.6	7
15	Accuracy of Magnetic Resonance Imaging-Guided Biopsy to Verify Breast Cancer Pathologic Complete Response After Neoadjuvant Chemotherapy. <i>JAMA Network Open</i> , 2021, 4, e2034045.	2.8	19
16	Interobserver Variation of PD-L1 SP142 Immunohistochemistry Interpretation in Breast Carcinoma: A Study of 79 Cases Using Whole Slide Imaging. <i>Archives of Pathology and Laboratory Medicine</i> , 2021, 145, 1132-1137.	1.2	11
17	Morphologic and immunohistochemical features of carcinoma involving microglandular adenosis of the breast following neoadjuvant chemotherapy. <i>Modern Pathology</i> , 2021, 34, 1310-1319.	2.9	3
18	Deep Multi-Magnification Networks for multi-class breast cancer image segmentation. <i>Computerized Medical Imaging and Graphics</i> , 2021, 88, 101866.	3.5	69

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19	Morphologic subtypes of lobular carcinoma in situ diagnosed on core needle biopsy: clinicopathologic features and findings at follow-up excision. <i>Modern Pathology</i> , 2021, 34, 1495-1506.	2.9	13
20	TERT promoter hotspot mutations and gene amplification in metaplastic breast cancer. <i>Npj Breast Cancer</i> , 2021, 7, 43.	2.3	16
21	Histologic and genomic features of breast cancers with alterations affecting the SWI/SNF (SMARC) genes. <i>Modern Pathology</i> , 2021, 34, 1850-1859.	2.9	3
22	Poor response to neoadjuvant chemotherapy in metaplastic breast carcinoma. <i>Npj Breast Cancer</i> , 2021, 7, 96.	2.3	38
23	The impact of MYC gene amplification on the clinicopathological features and prognosis of radiation-associated angiosarcomas of the breast. <i>Histopathology</i> , 2021, 79, 836-846.	1.6	9
24	HER2 Immunohistochemistry in Invasive Micropapillary Breast Carcinoma: Complete Assessment of an Incomplete Pattern. <i>Archives of Pathology and Laboratory Medicine</i> , 2021, 145, 979-987.	1.2	7
25	Triple-Positive Breast Carcinoma: Histopathologic Features and Response to Neoadjuvant Chemotherapy. <i>Archives of Pathology and Laboratory Medicine</i> , 2021, 145, 728-735.	1.2	7
26	Impact of the 2018 American Society of Clinical Oncology/College of American Pathologists HER2 Guideline Updates on HER2 Assessment in Breast Cancer With Equivocal HER2 Immunohistochemistry Results With Focus on Cases With HER2/CEP17 Ratio $\leq 2.0$ and Average HER2 Copy Number $\geq 4.0$ and $\leq 6.0$ . <i>Archives of Pathology and Laboratory Medicine</i> , 2020, 144, 597-601.	1.2	10
27	Immunohistochemical assessment of HRASQ61R mutations in breast adenomyoepitheliomas. <i>Histopathology</i> , 2020, 76, 865-874.	1.6	19
28	Immunohistochemical analysis of IDH2 R172 hotspot mutations in breast papillary neoplasms: applications in the diagnosis of tall cell carcinoma with reverse polarity. <i>Modern Pathology</i> , 2020, 33, 1056-1064.	2.9	35
29	The genomic landscape of metastatic histologic special types of invasive breast cancer. <i>Npj Breast Cancer</i> , 2020, 6, 53.	2.3	27
30	Whole-exome analysis of metaplastic breast carcinomas with extensive osseous differentiation. <i>Histopathology</i> , 2020, 77, 321-326.	1.6	7
31	Neuroendocrine tumours of the breast: a genomic comparison with mucinous breast cancers and neuroendocrine tumours of other anatomic sites. <i>Journal of Clinical Pathology</i> , 2020, , jclinpath-2020-207052.	1.0	5
32	Pitfalls in assessing stromal tumor infiltrating lymphocytes (sTILs) in breast cancer. <i>Npj Breast Cancer</i> , 2020, 6, 17.	2.3	106
33	A machine learning model that classifies breast cancer pathologic complete response on MRI post-neoadjuvant chemotherapy. <i>Breast Cancer Research</i> , 2020, 22, 57.	2.2	63
34	Validation of a digital pathology system including remote review during the COVID-19 pandemic. <i>Modern Pathology</i> , 2020, 33, 2115-2127.	2.9	112
35	Selecting Node-Positive Patients for Axillary Downstaging with Neoadjuvant Chemotherapy. <i>Annals of Surgical Oncology</i> , 2020, 27, 4515-4522.	0.7	55
36	Non-invasive lobular neoplasia of the breast: Morphologic features, clinical presentation, and management dilemmas. <i>Breast Journal</i> , 2020, 26, 1148-1155.	0.4	5

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37	Pleomorphic adenomas and mucoepidermoid carcinomas of the breast are underpinned by fusion genes. <i>Npj Breast Cancer</i> , 2020, 6, 20.	2.3	25
38	The path to a better biomarker: application of a risk management framework for the implementation of PD-L1 and TILs as immunooncology biomarkers in breast cancer clinical trials and daily practice. <i>Journal of Pathology</i> , 2020, 250, 667-684.	2.1	142
39	Clinical and pathologic features associated with PD-L1 (SP142) expression in stromal tumor-infiltrating immune cells of triple-negative breast carcinoma. <i>Modern Pathology</i> , 2020, 33, 2221-2232.	2.9	23
40	American Registry of Pathology Expert Opinions: The Spectrum of Lobular Carcinoma in Situ: Diagnostic Features and Clinical Implications. <i>Annals of Diagnostic Pathology</i> , 2020, 45, 151481.	0.6	23
41	The 2019 World Health Organization classification of tumours of the breast. <i>Histopathology</i> , 2020, 77, 181-185.	1.6	395
42	MaTAR25 lncRNA regulates the Tensin1 gene to impact breast cancer progression. <i>Nature Communications</i> , 2020, 11, 6438.	5.8	63
43	Clinical-grade computational pathology using weakly supervised deep learning on whole slide images. <i>Nature Medicine</i> , 2019, 25, 1301-1309.	15.2	1,320
44	Assessment of HMGA2 and PLAG1 rearrangements in breast adenomyoepitheliomas. <i>Npj Breast Cancer</i> , 2019, 5, 6.	2.3	21
45	Reply to "Multicentric Ipsilateral Invasive Breast Carcinomas Might Have Higher 21-Gene Recurrence Score Compared with Multifocal Ipsilateral Invasive Breast Carcinomas". <i>Annals of Surgical Oncology</i> , 2019, 26, 310-311.	0.7	1
46	<i>Breast Cancer Pathology</i> . , 2019, , 87-127.		1
47	Pathologic complete response rate according to HER2 detection methods in HER2-positive breast cancer treated with neoadjuvant systemic therapy. <i>Breast Cancer Research and Treatment</i> , 2019, 177, 61-66.	1.1	42
48	Is Sentinel Lymph Node Biopsy Required for a Core Biopsy Diagnosis of Ductal Carcinoma In Situ with Microinvasion?. <i>Annals of Surgical Oncology</i> , 2019, 26, 2738-2746.	0.7	13
49	Impact of biomarkers and genetic profiling on breast cancer prognostication: A comparative analysis of the 8th edition of breast cancer staging system. <i>Breast Journal</i> , 2019, 25, 829-837.	0.4	9
50	Secretory carcinoma of the breast: clinicopathologic profile of 14 cases emphasising distant metastatic potential. <i>Histopathology</i> , 2019, 75, 213-224.	1.6	46
51	Examination and prognostic implications of the unique microenvironment of breast cancer brain metastases. <i>Breast Cancer Research and Treatment</i> , 2019, 176, 321-328.	1.1	17
52	Micropapillary variant of mucinous carcinoma of the breast shows genetic alterations intermediate between those of mucinous carcinoma and micropapillary carcinoma. <i>Histopathology</i> , 2019, 75, 139-145.	1.6	22
53	Immunohistochemical analysis of estrogen receptor in breast cancer with ESR1 mutations detected by hybrid capture-based next-generation sequencing. <i>Modern Pathology</i> , 2019, 32, 81-87.	2.9	10
54	Recurrent MED12 exon 2 mutations in benign breast fibroepithelial lesions in adolescents and young adults. <i>Journal of Clinical Pathology</i> , 2019, 72, 258-262.	1.0	22

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55	The Genomic Landscape of Mucinous Breast Cancer. <i>Journal of the National Cancer Institute</i> , 2019, 111, 737-741.	3.0	68
56	Multifocal/Multicentric Ipsilateral Invasive Breast Carcinomas with Similar Histology: Is Multigene Testing of All Individual Foci Necessary?. <i>Annals of Surgical Oncology</i> , 2019, 26, 329-335.	0.7	9
57	Flura-seq identifies organ-specific metabolic adaptations during early metastatic colonization. <i>ELife</i> , 2019, 8, .	2.8	46
58	Automatic quantification of HER2 gene amplification in invasive breast cancer from chromogenic in situ hybridization whole slide images. <i>Journal of Medical Imaging</i> , 2019, 6, 1.	0.8	14
59	The 21-Gene Recurrence Score in Male Breast Cancer. <i>Annals of Surgical Oncology</i> , 2018, 25, 1530-1535.	0.7	14
60	Solid papillary breast carcinomas resembling the tall cell variant of papillary thyroid neoplasms (solid papillary carcinomas with reverse polarity) harbour recurrent mutations affecting <i>IDH2</i> and <i>PIK3CA</i> : a validation cohort. <i>Histopathology</i> , 2018, 73, 339-344.	1.6	44
61	Lobular Carcinoma In Situ. <i>Surgical Pathology Clinics</i> , 2018, 11, 123-145.	0.7	58
62	Loss of the FAT1 Tumor Suppressor Promotes Resistance to CDK4/6 Inhibitors via the Hippo Pathway. <i>Cancer Cell</i> , 2018, 34, 893-905.e8.	7.7	307
63	The Genomic Landscape of Endocrine-Resistant Advanced Breast Cancers. <i>Cancer Cell</i> , 2018, 34, 427-438.e6.	7.7	633
64	Pericyte-like spreading by disseminated cancer cells activates YAP and MRTF for metastatic colonization. <i>Nature Cell Biology</i> , 2018, 20, 966-978.	4.6	186
65	Breast carcinoma with 21-gene recurrence score lower than 18: rate of locoregional recurrence in a large series with clinical follow-up. <i>BMC Cancer</i> , 2018, 18, 42.	1.1	9
66	Recurrent hotspot mutations in HRAS Q61 and PI3K-AKT pathway genes as drivers of breast adenomyoepitheliomas. <i>Nature Communications</i> , 2018, 9, 1816.	5.8	105
67	Genetic analysis of uterine adenosarcomas and phyllodes tumors of the breast. <i>Molecular Oncology</i> , 2017, 11, 913-926.	2.1	11
68	Myxoid fibroadenomas differ from conventional fibroadenomas: a hypothesis-generating study. <i>Histopathology</i> , 2017, 71, 626-634.	1.6	26
69	Pleomorphic lobular carcinoma in situ of the breast: a single institution experience with clinical follow-up and centralized pathology review. <i>Breast Cancer Research and Treatment</i> , 2017, 165, 411-420.	1.1	38
70	The 21-gene recurrence score in special histologic subtypes of breast cancer with favorable prognosis. <i>Breast Cancer Research and Treatment</i> , 2017, 165, 65-76.	1.1	28
71	Specimen Identification Errors in Breast Biopsies: Age Matters. Report of Two Near-Miss Events and Review of the Literature. <i>Breast Journal</i> , 2017, 23, 583-588.	0.4	2
72	Biallelic alterations in DNA repair genes underpin homologous recombination DNA repair defects in breast cancer. <i>Journal of Pathology</i> , 2017, 242, 165-177.	2.1	43

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73	Estimating the OncotypeDX score: validation of an inexpensive estimation tool. <i>Breast Cancer Research and Treatment</i> , 2017, 161, 435-441.	1.1	22
74	Phyllodes tumors with and without fibroadenoma-like areas display distinct genomic features and may evolve through distinct pathways. <i>Npj Breast Cancer</i> , 2017, 3, 40.	2.3	52
75	Benign vascular lesions of the breast diagnosed by core needle biopsy do not require excision. <i>Histopathology</i> , 2017, 71, 795-804.	1.6	22
76	21-Gene recurrence score and locoregional recurrence in lymph node-negative, estrogen receptor-positive breast cancer. <i>Breast Cancer Research and Treatment</i> , 2017, 166, 69-76.	1.1	31
77	Fibroepithelial Lesions in the Breast of Adolescent Females: A Clinicopathological Study of 54 Cases. <i>Breast Journal</i> , 2017, 23, 182-192.	0.4	31
78	Breast carcinoma with an Oncotype Dx recurrence score <math>\leq 18</math>: Rate of distant metastases in a large series with clinical follow-up. <i>Cancer</i> , 2017, 123, 131-137.	2.0	16
79	Tumor Heterogeneity in Breast Cancer. <i>Frontiers in Medicine</i> , 2017, 4, 227.	1.2	379
80	Breast intraductal papillomas without atypia in radiologic-pathologic concordant core-needle biopsies: Rate of upgrade to carcinoma at excision. <i>Cancer</i> , 2016, 122, 2819-2827.	2.0	78
81	Massively parallel sequencing of phyllodes tumours of the breast reveals actionable mutations, and <i>TERT</i> promoter hotspot mutations and <i>TERT</i> gene amplification as likely drivers of progression. <i>Journal of Pathology</i> , 2016, 238, 508-518.	2.1	102
82	Massively parallel sequencing analysis of synchronous fibroepithelial lesions supports the concept of progression from fibroadenoma to phyllodes tumor. <i>Npj Breast Cancer</i> , 2016, 2, 16035.	2.3	28
83	<i>IDH2</i> Mutations Define a Unique Subtype of Breast Cancer with Altered Nuclear Polarity. <i>Cancer Research</i> , 2016, 76, 7118-7129.	0.4	99
84	Genetic alterations of triple negative breast cancer by targeted next-generation sequencing and correlation with tumor morphology. <i>Modern Pathology</i> , 2016, 29, 476-488.	2.9	95
85	Phyllodes tumours of the breast: a consensus review. <i>Histopathology</i> , 2016, 68, 5-21.	1.6	329
86	Sentinel Lymph Nodes for Breast Carcinoma: A Paradigm Shift. <i>Archives of Pathology and Laboratory Medicine</i> , 2016, 140, 791-798.	1.2	31
87	PDK1-SGK1 Signaling Sustains AKT-Independent mTORC1 Activation and Confers Resistance to PI3K Inhibition. <i>Cancer Cell</i> , 2016, 30, 229-242.	7.7	187
88	Multi-organ Site Metastatic Reactivation Mediated by Non-canonical Discoidin Domain Receptor 1 Signaling. <i>Cell</i> , 2016, 166, 47-62.	13.5	194
89	Sentinel lymph nodes for breast carcinoma: an update on current practice. <i>Histopathology</i> , 2016, 68, 152-167.	1.6	48
90	The Genomic Landscape of Male Breast Cancers. <i>Clinical Cancer Research</i> , 2016, 22, 4045-4056.	3.2	119

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91	Differentiation of mammary tumors and reduction in metastasis upon <i>Malat1</i> lncRNA loss. <i>Genes and Development</i> , 2016, 30, 34-51.	2.7	488
92	Somatic mutations in leukocytes infiltrating primary breast cancers. <i>Npj Breast Cancer</i> , 2015, 1, 15005.	2.3	30
93	<i>MED12</i> somatic mutations in fibroadenomas and phyllodes tumours of the breast. <i>Histopathology</i> , 2015, 67, 719-729.	1.6	78
94	Gene expression profiling of lobular carcinoma in situ reveals candidate precursor genes for invasion. <i>Molecular Oncology</i> , 2015, 9, 772-782.	2.1	32
95	Mesothelin Expression in Triple Negative Breast Carcinomas Correlates Significantly with Basal-Like Phenotype, Distant Metastases and Decreased Survival. <i>PLoS ONE</i> , 2014, 9, e114900.	1.1	77
96	Impact of Margin Assessment Method on Positive Margin Rate and Total Volume Excised. <i>Annals of Surgical Oncology</i> , 2014, 21, 86-92.	0.7	31
97	Serpins Promote Cancer Cell Survival and Vascular Co-Option in Brain Metastasis. <i>Cell</i> , 2014, 156, 1002-1016.	13.5	672
98	Analysis of tumour- and stroma-supplied proteolytic networks reveals a brain-metastasis-promoting role for <i>Acathepsin S</i> . <i>Nature Cell Biology</i> , 2014, 16, 876-888.	4.6	300
99	Selection of Bone Metastasis Seeds by Mesenchymal Signals in the Primary Tumor Stroma. <i>Cell</i> , 2013, 154, 1060-1073.	13.5	359
100	TGF- $\beta$ -Id1 Signaling Opposes Twist1 and Promotes Metastatic Colonization via a Mesenchymal-to-Epithelial Transition. <i>Cell Reports</i> , 2013, 5, 1228-1242.	2.9	205
101	Classic lobular carcinoma in situ and atypical lobular hyperplasia at percutaneous breast core biopsy. <i>Cancer</i> , 2013, 119, 1073-1079.	2.0	112
102	Cadherin-catenin complex dissociation in lobular neoplasia of the breast. <i>Breast Cancer Research and Treatment</i> , 2012, 132, 641-652.	1.1	47
103	Intracystic Papillary Carcinoma of the Breast. <i>American Journal of Surgical Pathology</i> , 2011, 35, 1-14.	2.1	118
104	The Need to Examine Metastatic Tissue at the Time of Progression of Breast Cancer: Is Re-biopsy a Necessity or a Luxury?. <i>Current Oncology Reports</i> , 2011, 13, 17-25.	1.8	32
105	Endosalpingiosis in Axillary Lymph Nodes: A Possible Pitfall in the Staging of Patients With Breast Carcinoma. <i>American Journal of Surgical Pathology</i> , 2010, 34, 1211-1216.	2.1	66
106	Lobular Carcinoma, Not Only a Classic. <i>Breast Journal</i> , 2010, 16, S10-S14.	0.4	25
107	Concurrent lobular neoplasia increases the risk of ipsilateral breast cancer recurrence in patients with ductal carcinoma in situ treated with breast-conserving therapy. <i>Cancer</i> , 2009, 115, 1203-1214.	2.0	19
108	Lobular Carcinoma in Situ, Classical Type and Unusual Variants. <i>Surgical Pathology Clinics</i> , 2009, 2, 273-299.	0.7	7

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109	Desmoid Tumors (Fibromatoses) of the Breast: A 25-Year Experience. <i>Annals of Surgical Oncology</i> , 2008, 15, 274-280.	0.7	104
110	Occult Axillary Node Metastases in Breast Cancer Are Prognostically Significant: Results in 368 Node-Negative Patients With 20-Year Follow-Up. <i>Journal of Clinical Oncology</i> , 2008, 26, 1803-1809.	0.8	140
111	Does the Benefit of Sentinel Node Frozen Section Vary Between Patients With Invasive Duct, Invasive Lobular, and Favorable Histologic Subtypes of Breast Cancer?. <i>Annals of Surgery</i> , 2008, 247, 143-149.	2.1	27
112	Carcinoid tumorlets simulate pulmonary metastases in women with breast cancer. <i>Human Pathology</i> , 2006, 37, 839-844.	1.1	28
113	Fine-needle aspiration cytology of mammary adenomyoepithelioma. <i>Cancer</i> , 2006, 108, 250-256.	2.0	36
114	The Results of Frozen Section, Touch Preparation, and Cytological Smear Are Comparable for Intraoperative Examination of Sentinel Lymph Nodes: A Study in 133 Breast Cancer Patients. <i>Annals of Surgical Oncology</i> , 2005, 12, 173-180.	0.7	101
115	Paired ductal lavage and fine-needle aspiration specimens from patients with breast carcinoma. <i>Diagnostic Cytopathology</i> , 2005, 33, 370-375.	0.5	6
116	Aberrant E-cadherin staining patterns in invasive mammary carcinoma. <i>World Journal of Surgical Oncology</i> , 2005, 3, 73.	0.8	29
117	Benign and malignant spindle cell lesions of the breast. <i>Seminars in Diagnostic Pathology</i> , 2004, 21, 57-64.	1.0	43
118	Ductal lavage in patients undergoing mastectomy for mammary carcinoma. <i>Cancer</i> , 2003, 98, 2170-2176.	2.0	44
119	Classification of benign endometrial glandular cells in cervical smears from postmenopausal women. <i>Cancer</i> , 2002, 96, 60-66.	2.0	18