

Mattia Barbareschi

List of Publications by Year in descending order

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101
papers

4,462
citations

101496

36
h-index

118793

62
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105
all docs

105
docs citations

105
times ranked

7191
citing authors

#	ARTICLE	IF	CITATIONS
1	p63, a p53 Homologue, Is a Selective Nuclear Marker of Myoepithelial Cells of the Human Breast. <i>American Journal of Surgical Pathology</i> , 2001, 25, 1054-1060.	2.1	344
2	BAP1 (BRCA1-associated protein 1) is a highly specific marker for differentiating mesothelioma from reactive mesothelial proliferations. <i>Modern Pathology</i> , 2015, 28, 1043-1057.	2.9	247
3	Two distinct immunopathological profiles in autopsy lungs of COVID-19. <i>Nature Communications</i> , 2020, 11, 5086.	5.8	230
4	Different Prognostic Roles of Mutations in the Helical and Kinase Domains of the <i>PIK3CA</i> Gene in Breast Carcinomas. <i>Clinical Cancer Research</i> , 2007, 13, 6064-6069.	3.2	186
5	Gastritis staging in the endoscopic follow-up for the secondary prevention of gastric cancer: a 5-year prospective study of 1755 patients. <i>Gut</i> , 2019, 68, 11-17.	6.1	132
6	p53 and <i>erbB-2</i> Protein Expression in Breast Carcinomas: An Immunohistochemical Study Including Correlations with Receptor Status, Proliferation Markers, and Clinical Stage in Human Breast Cancer. <i>American Journal of Clinical Pathology</i> , 1992, 98, 408-418.	0.4	128
7	\hat{p} Np63 (p40) and Thyroid Transcription Factor-1 Immunoreactivity on Small Biopsies or Cellblocks for Typing Non-small Cell Lung Cancer: A Novel Two-Hit, Sparing-Material Approach. <i>Journal of Thoracic Oncology</i> , 2012, 7, 281-290.	0.5	126
8	Immunohistochemical subtyping of nonsmall cell lung cancer not otherwise specified in fine-needle aspiration cytology. <i>Cancer</i> , 2011, 117, 3416-3423.	2.0	124
9	Molecular and Clinicopathologic Characterization of Gastrointestinal Stromal Tumors (GISTs) of Small Size. <i>American Journal of Surgical Pathology</i> , 2010, 34, 1480-1491.	2.1	114
10	Prognostic value of intratumoral microvessel density, a measure of tumor angiogenesis, in node-negative breast carcinoma ? results of a multiparametric study. <i>Breast Cancer Research and Treatment</i> , 1995, 36, 205-217.	1.1	102
11	CDX-2 Homeobox Gene Product Expression in Neuroendocrine Tumors. <i>American Journal of Surgical Pathology</i> , 2004, 28, 1169-1176.	2.1	100
12	Quantitative Growth Fraction Evaluation with MIB1 and Ki67 Antibodies in Breast Carcinomas. <i>American Journal of Clinical Pathology</i> , 1994, 102, 171-175.	0.4	87
13	Review Article: A Reevaluation of the Clinical Significance of Histological Subtyping of Non-Small-Cell Lung Carcinoma: Diagnostic Algorithms in the Era of Personalized Treatments. <i>International Journal of Surgical Pathology</i> , 2009, 17, 206-218.	0.4	84
14	Subcellular Localization of Activated Leukocyte Cell Adhesion Molecule Is a Molecular Predictor of Survival in Ovarian Carcinoma Patients. <i>Clinical Cancer Research</i> , 2008, 14, 1726-1733.	3.2	83
15	MicroRNAs as lung cancer biomarkers. <i>World Journal of Clinical Oncology</i> , 2014, 5, 604.	0.9	82
16	M-CAM expression as marker of poor prognosis in epithelial ovarian cancer. <i>International Journal of Cancer</i> , 2006, 119, 1920-1926.	2.3	78
17	hnRNPA1 couples nuclear export and translation of specific mRNAs downstream of FGF-2/S6K2 signalling. <i>Nucleic Acids Research</i> , 2014, 42, 12483-12497.	6.5	75
18	New insights in the homotopic and heterotopic connectivity of the frontal portion of the human corpus callosum revealed by microdissection and diffusion tractography. <i>Human Brain Mapping</i> , 2016, 37, 4718-4735.	1.9	73

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19	Structural and functional integration between dorsal and ventral language streams as revealed by blunt dissection and direct electrical stimulation. <i>Human Brain Mapping</i> , 2016, 37, 3858-3872.	1.9	69
20	Cancer Diagnostic Delay in Northern and Central Italy During the 2020 Lockdown Due to the Coronavirus Disease 2019 Pandemic. <i>American Journal of Clinical Pathology</i> , 2021, 155, 64-68.	0.4	68
21	Cyclin-d1-gene amplification and expression in breast carcinoma: Relation with clinicopathologic characteristics and with retinoblastoma gene product, p53 and p21waf1 immunohistochemical expression. , 1997, 74, 171-174.		66
22	67-kDa laminin-receptor expression adds prognostic information to intra-tumoral microvessel density in node-negative breast cancer. <i>International Journal of Cancer</i> , 1995, 60, 604-610.	2.3	65
23	Identification of a chrXq27.3 microRNA cluster associated with early relapse in advanced stage ovarian cancer patients. <i>Oncotarget</i> , 2011, 2, 1265-1278.	0.8	61
24	Immunohistochemistry by Means of Widely Agreed-Upon Markers (Cytokeratins 5/6 and 7, p63, Thyroid) Tj ETQq0 0 0 rgBT /Overlock 10 Parallels the Corresponding Profiling and Eventual Diagnoses on Surgical Specimens. <i>Journal of Thoracic Oncology</i> , 2011, 6, 1039-1049.	0.5	60
25	Different prognostic roles of tumor suppressor gene <i>BAP1</i> in cancer: A systematic review with meta-analysis. <i>Genes Chromosomes and Cancer</i> , 2016, 55, 741-749.	1.5	58
26	p63 (p40) Distribution Inside Lung Cancer. <i>International Journal of Surgical Pathology</i> , 2013, 21, 229-239.	0.4	51
27	Cyclin D1 and retinoblastoma susceptibility gene alterations in non-small cell lung cancer. , 1998, 75, 187-192.		50
28	Overexpression of the Mammalian Target of Rapamycin: A Novel Biomarker for Poor Survival in Resected Early Stage Non-small Cell Lung Cancer. <i>Journal of Thoracic Oncology</i> , 2010, 5, 314-319.	0.5	50
29	Stathmin regulates mutant p53 stability and transcriptional activity in ovarian cancer. <i>EMBO Molecular Medicine</i> , 2013, 5, 707-722.	3.3	49
30	Heterogeneity of Large Cell Carcinoma of the Lung. <i>American Journal of Clinical Pathology</i> , 2011, 136, 773-782.	0.4	48
31	miR-205 Expression Levels in Nonsmall Cell Lung Cancer Do Not Always Distinguish Adenocarcinomas From Squamous Cell Carcinomas. <i>American Journal of Surgical Pathology</i> , 2011, 35, 268-275.	2.1	47
32	The course and the anatomofunctional relationships of the optic radiation: a combined study with post mortem dissections and in vivo direct electrical mapping. <i>Journal of Anatomy</i> , 2015, 226, 47-59.		47
33	The autopsy debate during the COVID-19 emergency: the Italian experience. <i>Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin</i> , 2020, 476, 821-823.	1.4	47
34	Novel methods for the determination of the angiogenic activity of human tumors. <i>Breast Cancer Research and Treatment</i> , 1995, 36, 181-192.	1.1	46
35	Impact of image analysis and artificial intelligence in thyroid pathology, with particular reference to cytological aspects. <i>Cytopathology</i> , 2020, 31, 432-444.	0.4	46
36	Bax immunohistochemical expression in breast carcinoma: A study with long term follow-up. , 1998, 79, 13-18.		45

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37	Effects of supra-total resection in neurocognitive and oncological outcome of high-grade gliomas comparing asleep and awake surgery. <i>Journal of Neuro-Oncology</i> , 2020, 148, 97-108.	1.4	43
38	Concordance and Clinical Significance of Uncommon Variants of Bladder Urothelial Carcinoma in Transurethral Resection and Radical Cystectomy Specimens. <i>Urology</i> , 2014, 84, 1141-1146.	0.5	42
39	Extranodal Extension of Nodal Metastases Is a Poor Prognostic Indicator in Gastric Cancer: a Systematic Review and Meta-analysis. <i>Journal of Gastrointestinal Surgery</i> , 2016, 20, 1692-1698.	0.9	41
40	Validation of Remote Digital Frozen Sections for Cancer and Transplant Intraoperative Services. <i>Journal of Pathology Informatics</i> , 2018, 9, 34.	0.8	41
41	Topography of the human acoustic radiation as revealed by ex vivo fibers micro-dissection and in vivo diffusion-based tractography. <i>Brain Structure and Function</i> , 2018, 223, 449-459.	1.2	40
42	Impact of mass effect, tumor location, age, and surgery on the cognitive outcome of patients with high-grade gliomas: a longitudinal study. <i>Neuro-Oncology Practice</i> , 2017, 4, 229-240.	1.0	37
43	Robotic Telepathology for Intraoperative Remote Diagnosis Using a Still-Imaging-Based System. <i>American Journal of Clinical Pathology</i> , 2001, 116, 744-752.	0.4	36
44	Subtyping Non-Small Cell Lung Cancer. <i>International Journal of Surgical Pathology</i> , 2013, 21, 326-336.	0.4	35
45	Programmed Death-Ligand 1 (PD-L1) Is a Potential Biomarker of Disease-Free Survival in Papillary Thyroid Carcinoma: a Systematic Review and Meta-Analysis of PD-L1 Immunoexpression in Follicular Epithelial Derived Thyroid Carcinoma. <i>Endocrine Pathology</i> , 2020, 31, 291-300.	5.2	34
46	Prognostic value of thymidine phosphorylase expression in breast carcinoma. <i>International Journal of Cancer</i> , 2002, 97, 512-517.	2.3	33
47	Recurrent Prostate Cancer Genomic Alterations Predict Response to Brachytherapy Treatment. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2014, 23, 594-600.	1.1	31
48	Increased frequency of bronchiolar histotypes in lung carcinomas associated with idiopathic pulmonary fibrosis. <i>Histopathology</i> , 2017, 71, 725-735.	1.6	31
49	A registry-based study of thyroid paraganglioma: histological and genetic characteristics. <i>Endocrine-Related Cancer</i> , 2015, 22, 191-204.	1.6	29
50	PI3KCA mutations and/or PTEN loss in Her2-positive breast carcinomas treated with trastuzumab are not related to resistance to anti-Her2 therapy. <i>Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin</i> , 2012, 461, 129-139.	1.4	26
51	The Endemic Paraganglioma Syndrome Type 1: Origin, Spread, and Clinical Expression. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2012, 97, E637-E641.	1.8	25
52	TrkA is amplified in malignant melanoma patients and induces an anti-proliferative response in cell lines. <i>BMC Cancer</i> , 2015, 15, 777.	1.1	23
53	In a cohort of breast cancer screened patients the proportion of HER2 positive cases is lower than that earlier reported and pathological characteristics differ between HER2 3+ and HER2 2+/Her2 amplified cases. <i>Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin</i> . 2016. 469. 45-50.	1.4	22
54	Biosafety in surgical pathology in the era of SARS-Cov2 pandemia. A statement of the Italian Society of Surgical Pathology and Cytology. <i>Pathologica</i> , 2020, 112, 1-5.	1.3	22

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55	LZTS1 downregulation confers paclitaxel resistance and is associated with worse prognosis in breast cancer. <i>Oncotarget</i> , 2014, 5, 970-977.	0.8	21
56	A modified vimentin histological score helps recognize pulmonary sarcomatoid carcinoma in small biopsy samples. <i>Anticancer Research</i> , 2012, 32, 1463-73.	0.5	21
57	Digital Pathology: Science Fiction?. <i>International Journal of Surgical Pathology</i> , 2000, 8, 261-263.	0.4	20
58	Targeting autophagy sensitises lung cancer cells to Src family kinase inhibitors. <i>Oncotarget</i> , 2018, 9, 27346-27362.	0.8	20
59	Calcium cytotoxicity sensitizes prostate cancer cells to standard-of-care treatments for locally advanced tumors. <i>Cell Death and Disease</i> , 2020, 11, 1039.	2.7	20
60	The Histology of Pulmonary Sarcoidosis: A Review with Particular Emphasis on Unusual and Underrecognized Features. <i>International Journal of Surgical Pathology</i> , 2009, 17, 219-230.	0.4	19
61	c-FLIPL expression defines two ovarian cancer patient subsets and is a prognostic factor of adverse outcome. <i>Endocrine-Related Cancer</i> , 2009, 16, 443-453.	1.6	19
62	Lack of prognostic significance of the monoclonal antibody Ki-S1, a novel marker of proliferative activity, in node-negative breast carcinoma. <i>Breast Cancer Research and Treatment</i> , 1996, 37, 123-133.	1.1	18
63	TMABoost: An Integrated System for Comprehensive Management of Tissue Microarray Data. <i>IEEE Transactions on Information Technology in Biomedicine</i> , 2006, 10, 19-27.	3.6	18
64	Pulmonary Glomus Tumor. <i>International Journal of Surgical Pathology</i> , 2008, 16, 81-84.	0.4	18
65	CDC25A Protein Stability Represents a Previously Unrecognized Target of HER2 Signaling in Human Breast Cancer: Implication for a Potential Clinical Relevance in Trastuzumab Treatment. <i>Neoplasia</i> , 2013, 15, 579-590.	2.3	18
66	Diagnostic Value of Automated Her2 Evaluation in Breast Cancer. <i>Applied Immunohistochemistry and Molecular Morphology</i> , 2011, 19, 306-312.	0.6	15
67	An automated procedure to properly handle digital images in large scale Tissue Microarray experiments. <i>Computer Methods and Programs in Biomedicine</i> , 2005, 79, 197-208.	2.6	14
68	High Prevalence of B-RAF Mutation in Papillary Carcinoma of the Thyroid in North-East Italy. <i>International Journal of Surgical Pathology</i> , 2010, 18, 173-176.	0.4	13
69	Real-World Data on NGS Diagnostics: a survey from the Italian Society of Pathology (SIAPeC) NGS Network. <i>Pathologica</i> , 2021, 113, 262-271.	1.3	13
70	PI3KCA mutation status is of limited prognostic relevance in ER-positive breast cancer patients treated with hormone therapy. <i>Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin</i> , 2014, 464, 85-93.	1.4	12
71	Magnetic Resonance Imaging Derived Biomarkers of IDH Mutation Status and Overall Survival in Grade III Astrocytomas. <i>Diagnostics</i> , 2020, 10, 247.	1.3	12
72	Trpm8 Expression in Human and Mouse Castration Resistant Prostate Adenocarcinoma Paves the Way for the Preclinical Development of TRPM8-Based Targeted Therapies. <i>Biomolecules</i> , 2022, 12, 193.	1.8	12

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73	Sutureless laparoscopic partial nephrectomy using fibrin gel reduces ischemia time while preserving renal function. <i>Archivio Italiano Di Urologia Andrologia</i> , 2019, 91, 30-34.	0.4	11
74	TRPM8 protein expression in hormone naïve local and lymph node metastatic prostate cancer. <i>Pathologica</i> , 2021, 113, 95-101.	1.3	11
75	What are the priorities of pathologists' activities during COVID-19 emergency?. <i>Pathologica</i> , 2020, 112, 1-2.	1.3	11
76	Periorbital Subcutaneous Tumor-Like Lesion Due to <i>Dirofilaria repens</i> . <i>International Journal of Surgical Pathology</i> , 2008, 16, 101-103.	0.4	10
77	Lockdown Measures Negatively Impacted Cancer Care. <i>American Journal of Clinical Pathology</i> , 2021, 155, 615-616.	0.4	10
78	Towards a "Net-Generation" of Pathologists: the pathCast online remote learning platform. <i>Pathologica</i> , 2020, 112, 160-171.	1.3	9
79	Chondroid Syringoma With Extensive Ossification. <i>International Journal of Surgical Pathology</i> , 2007, 15, 385-387.	0.4	8
80	Intraepithelial noncanonical Activin A signaling safeguards prostate progenitor quiescence. <i>EMBO Reports</i> , 2022, 23, e54049.	2.0	8
81	Increased frequency of minimal homozygous deletions is associated with poor prognosis in primary malignant melanoma patients. <i>Genes Chromosomes and Cancer</i> , 2014, 53, 487-496.	1.5	7
82	Statistical analysis of a Bayesian classifier based on the expression of miRNAs. <i>BMC Bioinformatics</i> , 2015, 16, 287.	1.2	7
83	miR375-3p Distinguishes Low-Grade Neuroendocrine From Non-neuroendocrine Lung Tumors in FFPE Samples. <i>Frontiers in Molecular Biosciences</i> , 2020, 7, 86.	1.6	7
84	Biobanks: instrumentation, personnel and cost analysis. <i>Pathologica</i> , 2008, 100, 139-48.	1.3	7
85	Unusual case of locally advanced and metastatic paratesticular liposarcoma: a case report and review of the literature. <i>Archivio Italiano Di Urologia Andrologia</i> , 2015, 87, 87.	0.4	6
86	Determinants of p16/Ki67 adequacy and positivity in HPV-positive women from a screening population. <i>Cancer Cytopathology</i> , 2021, 129, 383-393.	1.4	6
87	Atypical Endometrial Hyperplasia, Low-grade. <i>American Journal of Surgical Pathology</i> , 2021, Publish Ahead of Print, 988-996.	2.1	6
88	ETS-related gene (ERG) undermines genome stability in mouse prostate progenitors via Gsk3 ^β dependent Nrx3.1 degradation. <i>Cancer Letters</i> , 2022, 534, 215612.	3.2	6
89	Histological and immunohistochemical aspects of cutaneous leishmaniasis in nicaragua. <i>Revista Do Instituto De Medicina Tropical De Sao Paulo</i> , 1987, 29, 213-218.	0.5	4
90	Idiopathic hypertrophic cranial pachymeningitis as a rare cause of status epilepticus. <i>Neurological Sciences</i> , 2019, 40, 2193-2195.	0.9	4

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91	Pulmonary Fat Embolism and Coronary Amyloidosis. American Journal of Case Reports, 2018, 19, 744-747.	0.3	4
92	Stathmin regulates mutant p53 stability and transcriptional activity in ovarian cancer. EMBO Molecular Medicine, 2014, 6, 295-295.	3.3	3
93	Generalized Arterial Calcification of Infancy Type 1 (GACI1): Identification of a Novel Pathogenic Variant (c.1715T>C (p.Leu572Ser)). Diagnostics, 2021, 11, 1034.	1.3	3
94	Small airways diseases. Pathologica, 2010, 102, 489-505.	1.3	3
95	Validation of a Novel Three-Dimensional (3D Fusion) Gross Sampling Protocol for Clear Cell Renal Cell Carcinoma to Overcome Intratumoral Heterogeneity: The Meet-Uro 18 Study. Journal of Personalized Medicine, 2022, 12, 727.	1.1	3
96	Next-generation repeat-free FISH probes for DNA amplification in glioblastoma in vivo: Improving patient selection to MDM2-targeted inhibitors. Cancer Genetics, 2017, 210, 28-33.	0.2	2
97	Isolated choroid plexus involvement in a case of granulomatosis with polyangiitis negative for antineutrophil cytoplasmic antibodies (ANCA). Journal of the Neurological Sciences, 2019, 398, 128-130.	0.3	2
98	Mixed Invasive Apocrine Papillary/Micropapillary Carcinoma of the Breast: Another Brick in the Triple-Negative Wall. International Journal of Surgical Pathology, 2021, 29, 420-426.	0.4	1
99	Unresectable Ameloblastoma Successfully Treated with Definitive Proton Therapy. International Journal of Particle Therapy, 2017, 4, 7-13.	0.9	1
100	Unusual osteolytic intraosseous ganglion cyst of the medial tibial condyle in a patient affected by mild osteoarthritis of the knee. Acta Biomedica, 2020, 91, e2020027.	0.2	1
101	On the Origin and Propagation of the COVID-19 Outbreak in the Italian Province of Trento, a Tourist Region of Northern Italy. Viruses, 2022, 14, 580.	1.5	1