

Massimo Barberis

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

100
papers

1,506
citations

21
h-index

35
g-index

113
ext. papers

2,051
ext. citations

4.8
avg, IF

4.49
L-index

#	Paper	IF	Citations
100	CT Radiogenomic Characterization of EGFR, K-RAS, and ALK Mutations in Non-Small Cell Lung Cancer. <i>European Radiology</i> , 2016 , 26, 32-42	8	156
99	The Clinicopathologic Heterogeneity of Grade 3 Gastroenteropancreatic Neuroendocrine Neoplasms: Morphological Differentiation and Proliferation Identify Different Prognostic Categories. <i>Neuroendocrinology</i> , 2017 , 104, 85-93	5.6	137
98	A precision oncology approach to the pharmacological targeting of mechanistic dependencies in neuroendocrine tumors. <i>Nature Genetics</i> , 2018 , 50, 979-989	36.3	90
97	Multicenter Comparison of 22C3 PharmDx (Agilent) and SP263 (Ventana) Assays to Test PD-L1 Expression for NSCLC Patients to Be Treated with Immune Checkpoint Inhibitors. <i>Journal of Thoracic Oncology</i> , 2017 , 12, 1654-1663	8.9	68
96	Molecular Testing for Targeted Therapy in Advanced Non-Small Cell Lung Cancer: Suitability of Endobronchial Ultrasound Transbronchial Needle Aspiration. <i>American Journal of Clinical Pathology</i> , 2015 , 144, 629-34	1.9	58
95	In Vivo Genetic Screens of Patient-Derived Tumors Revealed Unexpected Frailty of the Transformed Phenotype. <i>Cancer Discovery</i> , 2016 , 6, 650-63	24.4	45
94	Consistency and reproducibility of next-generation sequencing and other multigene mutational assays: A worldwide ring trial study on quantitative cytological molecular reference specimens. <i>Cancer Cytopathology</i> , 2017 , 125, 615-626	3.9	43
93	Targeting EGFR T790M mutation in NSCLC: From biology to evaluation and treatment. <i>Pharmacological Research</i> , 2017 , 117, 406-415	10.2	41
92	Recommendations for the implementation of BRCA testing in ovarian cancer patients and their relatives. <i>Critical Reviews in Oncology/Hematology</i> , 2019 , 140, 67-72	7	40
91	EGFR tyrosine kinase inhibitors beyond focal progression obtain a prolonged disease control in patients with advanced adenocarcinoma of the lung. <i>Lung Cancer</i> , 2013 , 81, 440-444	5.9	33
90	Predictive biomarkers of immunotherapy for non-small cell lung cancer: results from an Experts Panel Meeting of the Italian Association of Thoracic Oncology. <i>Translational Lung Cancer Research</i> , 2017 , 6, 373-386	4.4	32
89	Metastatic and non-metastatic lymph nodes: quantification and different distribution of iodine uptake assessed by dual-energy CT. <i>European Radiology</i> , 2018 , 28, 760-769	8	32
88	Stem cell transplantation effectively occludes bronchopleural fistula in an animal model. <i>Annals of Thoracic Surgery</i> , 2014 , 97, 480-3	2.7	32
87	Prognostic significance of hematological profiles in melanoma patients. <i>International Journal of Cancer</i> , 2016 , 139, 1618-25	7.5	32
86	Digital Sorting of Pure Cell Populations Enables Unambiguous Genetic Analysis of Heterogeneous Formalin-Fixed Paraffin-Embedded Tumors by Next Generation Sequencing. <i>Scientific Reports</i> , 2016 , 6, 20944	4.9	30
85	Phase II Study With Epirubicin, Cisplatin, and Infusional Fluorouracil Followed by Weekly Paclitaxel With Metronomic Cyclophosphamide as a Preoperative Treatment of Triple-Negative Breast Cancer. <i>Clinical Breast Cancer</i> , 2015 , 15, 259-65	3	29
84	SARS-CoV-2 detection in formalin-fixed paraffin-embedded tissue specimens from surgical resection of tongue squamous cell carcinoma. <i>Journal of Clinical Pathology</i> , 2020 , 73, 754-757	3.9	25

83	Consistency and reproducibility of next-generation sequencing in cytopathology: A second worldwide ring trial study on improved cytological molecular reference specimens. <i>Cancer Cytopathology</i> , 2019 , 127, 285-296	3.9	24
82	Targeting ALK in patients with advanced non small cell lung cancer: biology, diagnostic and therapeutic options. <i>Critical Reviews in Oncology/Hematology</i> , 2014 , 89, 358-65	7	23
81	Idylla assay and next generation sequencing: an integrated EGFR mutational testing algorithm. <i>Journal of Clinical Pathology</i> , 2018 , 71, 745-750	3.9	23
80	Recurrent NAB2-STAT6 gene fusions and oestrogen receptor-expression in pulmonary adenofibromas. <i>Histopathology</i> , 2017 , 70, 906-917	7.3	21
79	Lymphoscintigraphy in clinical routine practice: reproducibility and accuracy in melanoma patients with a long-term follow-up. <i>European Journal of Surgical Oncology</i> , 2014 , 40, 55-60	3.6	20
78	An Aggressive Subtype of Stage I Lung Adenocarcinoma with Molecular and Prognostic Characteristics Typical of Advanced Lung Cancers. <i>Clinical Cancer Research</i> , 2017 , 23, 62-72	12.9	19
77	Results of the First Italian External Quality Assurance Scheme for somatic EGFR mutation testing in non-small-cell lung cancer. <i>Journal of Thoracic Oncology</i> , 2013 , 8, 773-8	8.9	18
76	COVID-19-related dermatosis in November 2019: could this case be Italy's patient zero?. <i>British Journal of Dermatology</i> , 2021 , 184, 970-971	4	18
75	Inter-tumor genomic heterogeneity of breast cancers: comprehensive genomic profile of primary early breast cancers and relapses. <i>Breast Cancer Research</i> , 2020 , 22, 107	8.3	16
74	Clinical practice guidelines for BRCA1 and BRCA2 genetic testing. <i>European Journal of Cancer</i> , 2021 , 146, 30-47	7.5	15
73	Gr-MDSC-linked asset as a potential immune biomarker in pretreated NSCLC receiving nivolumab as second-line therapy. <i>Clinical and Translational Oncology</i> , 2020 , 22, 603-611	3.6	15
72	Circulating and tissue biomarkers in early-stage non-small cell lung cancer. <i>Ecancermedicalscience</i> , 2017 , 11, 717	2.7	14
71	The role of multimodal treatment in patients with advanced lung neuroendocrine tumors. <i>Journal of Thoracic Disease</i> , 2017 , 9, S1501-S1510	2.6	14
70	The Italian external quality assessment for RAS testing in colorectal carcinoma identifies methods-related inter-laboratory differences. <i>Journal of Translational Medicine</i> , 2015 , 13, 287	8.5	14
69	Epstein-Barr virus in tumor-infiltrating B cells of myasthenia gravis thymoma: an innocent bystander or an autoimmunity mediator?. <i>Oncotarget</i> , 2017 , 8, 95432-95449	3.3	13
68	Gene expression profiling reveals GC and CEACAM1 as new tools in the diagnosis of lung carcinoids. <i>British Journal of Cancer</i> , 2014 , 110, 1244-9	8.7	12
67	Next generation diagnostic algorithm in non-small cell lung cancer predictive molecular pathology: The KWAY Italian multicenter cost evaluation study. <i>Critical Reviews in Oncology/Hematology</i> , 2021 , 169, 103525	7	12
66	Predictive molecular pathology in the time of coronavirus disease (COVID-19) in Europe. <i>Journal of Clinical Pathology</i> , 2020 ,	3.9	12

65	Tumor BRCA Test for Patients with Epithelial Ovarian Cancer: The Role of Molecular Pathology in the Era of PARP Inhibitor Therapy. <i>Cancers</i> , 2019 , 11,	6.6	11
64	BRAF as a positive predictive biomarker: Focus on lung cancer and melanoma patients. <i>Critical Reviews in Oncology/Hematology</i> , 2020 , 156, 103118	7	9
63	Predictive markers in lung cancer: a few hints for the practicing pathologist. <i>Pathologica</i> , 2018 , 110, 29-38	9	
62	Diagnosis and first-line treatment of non-small cell lung cancer in the era of novel immunotherapy: recommendations for clinical practice. <i>Expert Review of Respiratory Medicine</i> , 2019 , 13, 217-228	3.8	8
61	Whole exome sequencing identifies driver mutations in asymptomatic computed tomography-detected lung cancers with normal karyotype. <i>Cancer Genetics</i> , 2015 , 208, 152-5	2.3	8
60	External quality assessment for EGFR mutations in Italy: improvements in performances over the time. <i>ESMO Open</i> , 2017 , 2, e000160	6	8
59	Human papillomavirus in anal squamous cell carcinoma: an angel rather than a devil?. <i>Ecancermedicalscience</i> , 2015 , 9, 529	2.7	8
58	Prevalence and clinicopathologic correlates of O ⁶ -methylguanine-DNA methyltransferase methylation status in patients with triple-negative breast cancer treated preoperatively by alkylating drugs. <i>Clinical Breast Cancer</i> , 2014 , 14, 285-90	3	8
57	Atypical primary pulmonary meningioma: a report of a case suspected of being a lung metastasis. <i>Ecancermedicalscience</i> , 2014 , 8, 414	2.7	8
56	Basic principles of biobanking: from biological samples to precision medicine for patients. <i>Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin</i> , 2021 , 479, 233-246	5.1	8
55	Challenges facing pathologists evaluating PD-L1 in head & neck squamous cell carcinoma. <i>Journal of Oral Pathology and Medicine</i> , 2021 , 50, 864-873	3.3	8
54	The long tail of molecular alterations in non-small cell lung cancer: a single-institution experience of next-generation sequencing in clinical molecular diagnostics. <i>Journal of Clinical Pathology</i> , 2018 , 71, 767-773	3.9	7
53	Inactivity of imatinib in gastrointestinal stromal tumors (GISTs) harboring a KIT activation-loop domain mutation (exon 17 mutation pN822K). <i>OncoTargets and Therapy</i> , 2015 , 8, 1997-2003	4.4	7
52	Capecitabine plus temozolomide (CAP-TEM) in patients with advanced neuroendocrine neoplasms (NEN): An Italian multicenter retrospective analysis.. <i>Journal of Clinical Oncology</i> , 2014 , 32, 281-281	2.2	7
51	Chemotherapy with capecitabine plus temozolomide (CAP-TEM) in patients with advanced neuroendocrine neoplasms (NENs): an Italian multicenter retrospective analysis.. <i>Journal of Clinical Oncology</i> , 2015 , 33, e15174-e15174	2.2	7
50	European Experts Consensus: BRCA/Homologous Recombination Deficiency Testing in First-Line Ovarian Cancer. <i>Annals of Oncology</i> , 2021 ,	10.3	7
49	Efficacy of Anti-PD1/PD-L1 Therapy (IO) in KRAS Mutant Non-small Cell Lung Cancer Patients: A Retrospective Analysis. <i>Anticancer Research</i> , 2020 , 40, 427-433	2.3	7
48	Next-generation sequencing-based BRCA testing on cytological specimens from ovarian cancer ascites reveals high concordance with tumour tissue analysis. <i>Journal of Clinical Pathology</i> , 2020 , 73, 168-171	3.9	7

47	A role for the immune system in advanced laryngeal cancer. <i>Scientific Reports</i> , 2020 , 10, 18327	4.9	6
46	Emergency Lung Transplantation after COVID-19: Immunopathological Insights on Two Affected Patients. <i>Cells</i> , 2021 , 10,	7.9	6
45	MicroRNA expression profile in primary lung cancer cells lines obtained by endobronchial ultrasound transbronchial needle aspiration. <i>Journal of Thoracic Disease</i> , 2018 , 10, 408-415	2.6	6
44	Molecular Profile of Advanced Non-Small Cell Lung Cancers in Octogenarians: The Door to Precision Medicine in Elderly Patients. <i>Journal of Clinical Medicine</i> , 2019 , 8,	5.1	5
43	Harmonization of Next-Generation Sequencing Procedure in Italian Laboratories: A Multi-Institutional Evaluation of the SiRe \square Panel. <i>Frontiers in Oncology</i> , 2020 , 10, 236	5.3	5
42	Digital Pathology and PD-L1 Testing in Non Small Cell Lung Cancer: A Workshop Record. <i>Cancers</i> , 2020 , 12,	6.6	5
41	Gene Fusion in Advanced Lung Cancer in Women: A Systematic Analysis, Review of the Literature, and Diagnostic Algorithm.. <i>JCO Precision Oncology</i> , 2017 , 1, 1-9	3.6	5
40	Mutational analysis of triple-negative breast cancers within the International Breast Cancer Study Group (IBCSG) Trial 22-00. <i>Breast Cancer Research and Treatment</i> , 2018 , 170, 351-360	4.4	5
39	Sensitive and affordable diagnostic assay for the quantitative detection of anaplastic lymphoma kinase (ALK) alterations in patients with non-small cell lung cancer. <i>Oncotarget</i> , 2016 , 7, 37160-37176	3.3	5
38	Real-World Data on NGS Diagnostics: a survey from the Italian Society of Pathology (SIAPeC) NGS Network. <i>Pathologica</i> , 2021 , 113, 262-271	1.9	5
37	Molecular and Genomic Profiling of Lung Cancer in the Era of Precision Medicine: A Position Paper from the Italian Association of Thoracic Oncology (AIOT). <i>Cancers</i> , 2020 , 12,	6.6	4
36	Acquired Resistance to Tyrosine Kinase Inhibitors in Non-Small Cell Lung Cancers: The Role of Next-Generation Sequencing on Endobronchial Ultrasound-Guided Transbronchial Needle Aspiration Samples. <i>Archives of Pathology and Laboratory Medicine</i> , 2018 , 142, 465-473	5	4
35	Dramatic Antitumor Activity of Nivolumab in Advanced HER2-Positive Lung Cancer. <i>Clinical Lung Cancer</i> , 2016 , 17, e179-e183	4.9	4
34	TargetPlex FFPE-Direct DNA Library Preparation Kit for SiRe NGS panel: an international performance evaluation study. <i>Journal of Clinical Pathology</i> , 2021 ,	3.9	4
33	In vitro diagnostic medical device regulation (IVDR): the end of laboratory developed tests (LDT)? <i>Pathologica</i> , 2021 , 113, 68-69	1.9	4
32	Genomic Characterization of Concurrent Alterations in Non-Small Cell Lung Cancer (NSCLC) Harboring Actionable Mutations. <i>Cancers</i> , 2021 , 13,	6.6	4
31	Gastroenteropancreatic grade 3 neuroendocrine tumors: a single entity or a heterogeneous group? A retrospective analysis. <i>Journal of Endocrinological Investigation</i> , 2021 , 1	5.2	4
30	Temozolomide alone or in combination with capecitabine in patients with advanced neuroendocrine neoplasms: an Italian multicenter real-world analysis. <i>Endocrine</i> , 2021 , 72, 268-278	4	4

29	Clinical and molecular practice of European thoracic pathology laboratories during the COVID-19 pandemic. The past and the near future. <i>ESMO Open</i> , 2021 , 6, 100024	6	4
28	The immune profile of EGFR-mutated non-small-cell lung cancer at disease onset and progression after tyrosine kinase inhibitors therapy. <i>Immunotherapy</i> , 2018 , 10, 1041-1045	3.8	4
27	Letter to the Editor. <i>Clinical Lung Cancer</i> , 2018 , 19, e439-e440	4.9	3
26	Molecular Assay for Ovarian Cancer Patients: A Survey through Italian Departments of Oncology and Molecular and Genomic Diagnostic Laboratories. <i>Diagnostics</i> , 2019 , 9,	3.8	3
25	Antitumor activity of sorafenib and imatinib in a patient with thymic carcinoma harboring c-KIT exon 13 missense mutation K642E. <i>OncoTargets and Therapy</i> , 2014 , 7, 697-702	4.4	3
24	A case of NUT midline carcinoma with no HPV infection, slight EWSR1rearrangement and strong expression of EGFR. <i>Tumori</i> , 2013 , 99, e152-e155	1.7	3
23	Dabrafenib in metastatic melanoma: a monocentric 'real life' experience. <i>Ecancermedicalscience</i> , 2016 , 10, 624	2.7	3
22	Genomic Aberrations and Late Recurrence in Postmenopausal Women with Hormone Receptor-positive Early Breast Cancer: Results from the SOLE Trial. <i>Clinical Cancer Research</i> , 2021 , 27, 504-512	12.9	3
21	Automated Analysis of Proliferating Cells Spatial Organisation Predicts Prognosis in Lung Neuroendocrine Neoplasms. <i>Cancers</i> , 2021 , 13,	6.6	3
20	Evolutionary crossroads: morphological heterogeneity reflects divergent intra-clonal evolution in a case of high-grade B-cell lymphoma. <i>Haematologica</i> , 2020 , 105, e432-e436	6.6	2
19	Breast Cancer Heterogeneity. <i>Diagnostics</i> , 2021 , 11,	3.8	2
18	Concomitant ALK translocation and other non-EGFR gene in NSCLC: knowledge in the making. <i>Annals of Oncology</i> , 2015 , 26, 1270-1271	10.3	1
17	Molecular profile in non-small cell lung cancers (NSCLCs) occurring in elderly.. <i>Journal of Clinical Oncology</i> , 2016 , 34, 10053-10053	2.2	1
16	Molecular alterations and late recurrence in postmenopausal women with hormone receptor-positive node-positive breast cancer (BC): Results from the SOLE Trial.. <i>Journal of Clinical Oncology</i> , 2018 , 36, 517-517	2.2	1
15	A case of Warthin-like papillary thyroid carcinoma with diffuse sclerosing stroma and a novel RET mutation: a new entity or a combined tumour?. <i>Ecancermedicalscience</i> , 2019 , 13, 965	2.7	1
14	Reliability and reproducibility among different platforms for tumour BRCA testing in ovarian cancer: a study of the Italian NGS Network. <i>Journal of Clinical Pathology</i> , 2021 , 74, 668-672	3.9	1
13	The role of molecular heterogeneity targeting resistance mechanisms to lung cancer therapies. <i>Expert Review of Molecular Diagnostics</i> , 2021 , 21, 757-766	3.8	1
12	Complex Differential Diagnosis between Primary Breast Cancer and Breast Metastasis from EGFR-Mutated Lung Adenocarcinoma: Case Report and Literature Review. <i>Current Oncology</i> , 2021 , 28, 3384-3392	2.8	1

11	Prospective evaluation of EBUS-TBNA specimens for programmed death-ligand 1 expression in non-small cell lung cancer patients: a pilot study. <i>Jornal Brasileiro De Pneumologia</i> , 2021 , 47, e20200584	1.1	1
10	Coexpression of p63/p40 and TTF1 Within Most of the Same Individual Cells Identifies Life-Threatening NSCLC Featuring Squamous and Glandular Biphenotypic Differentiation: Clinicopathologic Correlations. <i>JTO Clinical and Research Reports</i> , 2021 , 2, 100222	1.4	1
9	Metastasis of lung carcinoid in the thyroid gland after 18 years: it is never too late. A case report and review of the literature.. <i>Pathologica</i> , 2022 , 114, 164-169	1.9	1
8	Implementation of preventive and predictive BRCA testing in patients with breast, ovarian, pancreatic, and prostate cancer: a position paper of Italian Scientific Societies. <i>ESMO Open</i> , 2022 , 7, 100459	6	1
7	Is tumor testing efficiency for Lynch syndrome different in rectal and colon cancer?. <i>Digestive and Liver Disease</i> , 2020 , 52, 1503-1511	3.3	0
6	Prognostic and predictive value of cell cycle progression (CCP) score in ductal carcinoma in situ of the breast. <i>Modern Pathology</i> , 2020 , 33, 1065-1077	9.8	0
5	Clinical management of patients with thymic epithelial tumors: the recommendations endorsed by the Italian Association of Medical Oncology (AIOM). <i>ESMO Open</i> , 2021 , 6, 100188	6	0
4	Electrochemotherapy: A treatment with specific intent in specific skin tumors Experience from the European Institute of Oncology, Milan.. <i>Journal of Clinical Oncology</i> , 2014 , 32, e20042-e20042	2.2	
3	Brain metastasis in melanoma patients: Associations with BRAF status and age.. <i>Journal of Clinical Oncology</i> , 2014 , 32, e20037-e20037	2.2	
2	Molecular biomarkers in early-stage lung cancer.. <i>Journal of Clinical Oncology</i> , 2016 , 34, e23082-e23082	2.2	
1	Merkel cell polyomavirus in gastrointestinal neuroendocrine tumors.. <i>Journal of Clinical Oncology</i> , 2012 , 30, 4120-4120	2.2	