

# Claudio Bellevicine

## List of Publications by Citations

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107  
papers

1,913  
citations

26  
h-index

39  
g-index

115  
ext. papers

2,379  
ext. citations

3.5  
avg, IF

4.81  
L-index

#	Paper	IF	Citations
107	Development of a gene panel for next-generation sequencing of clinically relevant mutations in cell-free DNA from cancer patients. <i>British Journal of Cancer</i> , <b>2017</b> , 116, 802-810	8.7	93
106	SMO Gene Amplification and Activation of the Hedgehog Pathway as Novel Mechanisms of Resistance to Anti-Epidermal Growth Factor Receptor Drugs in Human Lung Cancer. <i>Clinical Cancer Research</i> , <b>2015</b> , 21, 4686-97	12.9	93
105	Next generation sequencing techniques in liquid biopsy: focus on non-small cell lung cancer patients. <i>Translational Lung Cancer Research</i> , <b>2016</b> , 5, 505-510	4.4	75
104	Ion Torrent next-generation sequencing for routine identification of clinically relevant mutations in colorectal cancer patients. <i>Journal of Clinical Pathology</i> , <b>2015</b> , 68, 64-8	3.9	67
103	Next-generation sequencing of lung cancer EGFR exons 18-21 allows effective molecular diagnosis of small routine samples (cytology and biopsy). <i>PLoS ONE</i> , <b>2013</b> , 8, e83607	3.7	67
102	Challenges and opportunities of next-generation sequencing: a cytopathologist's perspective. <i>Cytopathology</i> , <b>2015</b> , 26, 271-83	1.3	61
101	EGFR and KRAS mutations detection on lung cancer liquid-based cytology: a pilot study. <i>Journal of Clinical Pathology</i> , <b>2012</b> , 65, 87-91	3.9	60
100	EGFR mutations detected on cytology samples by a centralized laboratory reliably predict response to gefitinib in non-small cell lung carcinoma patients. <i>Cancer Cytopathology</i> , <b>2013</b> , 121, 552-60	3.9	58
99	Less frequently mutated genes in colorectal cancer: evidences from next-generation sequencing of 653 routine cases. <i>Journal of Clinical Pathology</i> , <b>2016</b> , 69, 767-71	3.9	56
98	Cytology-based gene mutation tests to predict response to anti-epidermal growth factor receptor therapy: a review. <i>Diagnostic Cytopathology</i> , <b>2011</b> , 39, 703-10	1.4	46
97	How to prepare cytological samples for molecular testing. <i>Journal of Clinical Pathology</i> , <b>2017</b> , 70, 819-826	3.9	44
96	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> , <b>2017</b> , 125, 615-626	3.9	43
95	mutation detection on lung cancer cytological specimens by the novel fully automated PCR-based Idylla Mutation Assay. <i>Journal of Clinical Pathology</i> , <b>2017</b> , 70, 295-300	3.9	37
94	Applications and limitations of oncogene mutation testing in clinical cytopathology. <i>Seminars in Diagnostic Pathology</i> , <b>2013</b> , 30, 284-97	4.3	35
93	ALK and ROS1 testing on lung cancer cytologic samples: Perspectives. <i>Cancer Cytopathology</i> , <b>2017</b> , 125, 817-830	3.9	34
92	Cytology in the time of coronavirus disease (COVID-19): an Italian perspective. <i>Journal of Clinical Pathology</i> , <b>2021</b> , 74, 261-263	3.9	34
91	EGFR analysis: current evidence and future directions. <i>Diagnostic Cytopathology</i> , <b>2014</b> , 42, 984-92	1.4	32

90	Cell free DNA analysis by SiRe next generation sequencing panel in non small cell lung cancer patients: focus on basal setting. <i>Journal of Thoracic Disease</i> , <b>2017</b> , 9, S1383-S1390	2.6	31
89	Cytological and molecular features of papillary thyroid carcinoma with prominent hobnail features: a case report. <i>Acta Cytologica</i> , <b>2012</b> , 56, 560-4	3	31
88	KRAS testing in metastatic colorectal carcinoma: challenges, controversies, breakthroughs and beyond. <i>Journal of Clinical Pathology</i> , <b>2014</b> , 67, 1-9	3.9	30
87	Epidermal growth factor receptor test performed on liquid-based cytology lung samples: experience of an academic referral center. <i>Acta Cytologica</i> , <b>2014</b> , 58, 589-94	3	30
86	Cytopathologists can reliably perform ultrasound-guided thyroid fine needle aspiration: a 1-year audit on 3715 consecutive cases. <i>Cytopathology</i> , <b>2016</b> , 27, 115-21	1.3	30
85	EGFR mutations detection on liquid-based cytology: is microscopy still necessary?. <i>Journal of Clinical Pathology</i> , <b>2012</b> , 65, 561-4	3.9	29
84	mutations testing in non-small cell lung cancer: the role of Liquid biopsy in the basal setting. <i>Journal of Thoracic Disease</i> , <b>2020</b> , 12, 3836-3843	2.6	29
83	Potential involvement of neutrophils in human thyroid cancer. <i>PLoS ONE</i> , <b>2018</b> , 13, e0199740	3.7	29
82	Impairment of T cell development and acute inflammatory response in HIV-1 Tat transgenic mice. <i>Scientific Reports</i> , <b>2015</b> , 5, 13864	4.9	27
81	Fully automated PCR detection of KRAS mutations on pancreatic endoscopic ultrasound fine-needle aspirates. <i>Journal of Clinical Pathology</i> , <b>2016</b> ,	3.9	26
80	Evaluation of BRAF, RAS, RET/PTC, and PAX8/PPARg alterations in different Bethesda diagnostic categories: A multicentric prospective study on the validity of the 7-gene panel test in 1172 thyroid FNAs deriving from different hospitals in South Italy. <i>Cancer Cytopathology</i> , <b>2020</b> , 128, 107-118	3.9	26
79	Different qualifiers of AUS/FLUS thyroid FNA have distinct BRAF, RAS, RET/PTC, and PAX8/PPARg alterations. <i>Cancer Cytopathology</i> , <b>2018</b> , 126, 317-325	3.9	25
78	Performance analysis of SiRe next-generation sequencing panel in diagnostic setting: focus on NSCLC routine samples. <i>Journal of Clinical Pathology</i> , <b>2019</b> , 72, 38-45	3.9	25
77	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> , <b>2019</b> , 127, 285-296	3.9	24
76	Sanger sequencing in routine KRAS testing: a review of 1720 cases from a pathologist's perspective. <i>Journal of Clinical Pathology</i> , <b>2012</b> , 65, 940-4	3.9	24
75	Outsourcing cytological samples to a referral laboratory for EGFR testing in non-small cell lung cancer: does theory meet practice?. <i>Cytopathology</i> , <b>2015</b> , 26, 312-7	1.3	23
74	KRAS mutation detection by high-resolution melting analysis significantly predicts clinical benefit of cetuximab in metastatic colorectal cancer. <i>British Journal of Cancer</i> , <b>2012</b> , 107, 626-31	8.7	22
73	UbcH10 overexpression in human lung carcinomas and its correlation with EGFR and p53 mutational status. <i>European Journal of Cancer</i> , <b>2013</b> , 49, 1117-26	7.5	20

72	EGFR mutation detection on routine cytological smears of non-small cell lung cancer by digital PCR: a validation study. <i>Journal of Clinical Pathology</i> , <b>2016</b> , 69, 454-7	3.9	19
71	Generation and analysis of spheroids from human primary skin myofibroblasts: an experimental system to study myofibroblasts deactivation. <i>Cell Death Discovery</i> , <b>2017</b> , 3, 17038	6.9	19
70	Spindle epithelial tumor with thymus-like differentiation (SETTLE): clinical-pathological features, differential pathological diagnosis and therapy. <i>Endocrine</i> , <b>2016</b> , 51, 402-12	4	18
69	PD-L1 expression on routine samples of non-small cell lung cancer: results and critical issues from a 1-year experience of a centralised laboratory. <i>Journal of Clinical Pathology</i> , <b>2019</b> , 72, 412-417	3.9	18
68	Lung adenocarcinoma and its thyroid metastasis characterized on fine-needle aspirates by cytomorphology, immunocytochemistry, and next-generation sequencing. <i>Diagnostic Cytopathology</i> , <b>2015</b> , 43, 585-9	1.4	18
67	UbcH10 expression can predict prognosis and sensitivity to the antineoplastic treatment for colorectal cancer patients. <i>Molecular Carcinogenesis</i> , <b>2016</b> , 55, 793-807	5	18
66	There is still a role for cytology in the 'liquid biopsy' era. A lesson from a TKI-treated patient showing adenocarcinoma to squamous cell carcinoma transition during disease progression. <i>Journal of Clinical Pathology</i> , <b>2017</b> , 70, 798-802	3.9	16
65	PAX8 is expressed in anaplastic thyroid carcinoma diagnosed by fine-needle aspiration: a study of three cases with histological correlates. <i>European Journal of Endocrinology</i> , <b>2013</b> , 169, 307-11	6.5	16
64	Global impact of the COVID-19 pandemic on cytopathology practice: Results from an international survey of laboratories in 23 countries. <i>Cancer Cytopathology</i> , <b>2020</b> , 128, 885-894	3.9	16
63	Young investigator challenge: Can the Ion AmpliSeq Cancer Hotspot Panel v2 be used for next-generation sequencing of thyroid FNA samples?. <i>Cancer Cytopathology</i> , <b>2016</b> , 124, 776-784	3.9	16
62	Effects of combined administration of rapamycin, tolvaptan, and AEZ-131 on the progression of polycystic disease in PCK rats. <i>American Journal of Physiology - Renal Physiology</i> , <b>2014</b> , 306, F1243-50	4.3	15
61	Multiplex digital colour-coded barcode technology on RNA extracted from routine cytological samples of patients with non-small cell lung cancer: pilot study. <i>Journal of Clinical Pathology</i> , <b>2017</b> , 70, 803-806	3.9	13
60	Predictive molecular pathology in the time of coronavirus disease (COVID-19) in Europe. <i>Journal of Clinical Pathology</i> , <b>2020</b> ,	3.9	12
59	Approach to cytological indeterminate thyroid nodules. <i>Gland Surgery</i> , <b>2019</b> , 8, S98-S104	2.2	11
58	Is the Idylla Mutation Assay feasible on archival stained cytological smears? A pilot study. <i>Journal of Clinical Pathology</i> , <b>2019</b> , 72, 609-614	3.9	11
57	KRAS mutant allele-specific imbalance (MASI) assessment in routine samples of patients with metastatic colorectal cancer. <i>Journal of Clinical Pathology</i> , <b>2015</b> , 68, 265-9	3.9	11
56	EGFR mutation detection by microfluidic technology: a validation study. <i>Journal of Clinical Pathology</i> , <b>2013</b> , 66, 982-4	3.9	11
55	Rapid On-site Molecular Evaluation in thyroid cytopathology: A same-day cytological and molecular diagnosis. <i>Diagnostic Cytopathology</i> , <b>2020</b> , 48, 300-307	1.4	11

54	Development of a Stromal Microenvironment Experimental Model Containing Proto-Myofibroblast Like Cells and Analysis of Its Crosstalk with Melanoma Cells: A New Tool to Potentiate and Stabilize Tumor Suppressor Phenotype of Dermal Myofibroblasts. <i>Cells</i> , <b>2019</b> , 8,	7.9	11
53	Thyroid FNA in the time of coronavirus: The interventional cytopathologist point of view. <i>Cancer Cytopathology</i> , <b>2020</b> , 128, 589	3.9	10
52	Foamy gland pancreatic ductal adenocarcinoma diagnosed on EUS-FNA: a histochemical, immunohistochemical, and molecular report. <i>Diagnostic Cytopathology</i> , <b>2013</b> , 41, 77-80	1.4	10
51	Multicentric encapsulated papillary oncocytic neoplasm of the thyroid: A case diagnosed by a combined cytological, histological, immunohistochemical, and molecular approach. <i>Diagnostic Cytopathology</i> , <b>2012</b> , 40, 450-4	1.4	9
50	KRAS testing on colo-rectal carcinoma cytological imprints. <i>Diagnostic Cytopathology</i> , <b>2011</b> , 39, 274-7	1.4	9
49	exon 19 deletion switch and development of p.L792Q mutation as a new resistance mechanism to osimertinib: a case report and literature review.. <i>Translational Cancer Research</i> , <b>2019</b> , 8, S64-S69	0.3	9
48	The continuing role of breast fine-needle aspiration biopsy after the introduction of the IAC Yokohama System For Reporting Breast Fine Needle Aspiration Biopsy Cytopathology. <i>Diagnostic Cytopathology</i> , <b>2020</b> , 48, 1244-1253	1.4	9
47	Thyroid cytology smear slides: An untapped resource for ThyroSeq testing. <i>Cancer Cytopathology</i> , <b>2021</b> , 129, 33-42	3.9	9
46	Is the Isthmus Location an Additional Risk Factor for Indeterminate Thyroid Nodules? Case Report and Review of the Literature. <i>Frontiers in Endocrinology</i> , <b>2018</b> , 9, 750	5.7	9
45	detection on archival cytological smears by the novel fully automated polymerase chain reaction-based Idylla mutation test. <i>CytoJournal</i> , <b>2017</b> , 14, 5	1.1	8
44	Predictive molecular pathology in the time of COVID-19. <i>Journal of Clinical Pathology</i> , <b>2021</b> , 74, 234-237	3.9	8
43	Thyroid fine-needle aspiration trends before, during, and after the lockdown: what we have learned so far from the COVID-19 pandemic. <i>Endocrine</i> , <b>2021</b> , 71, 20-25	4	8
42	The () Gene Acts as Tumor Suppressor in Breast Cancer. <i>Cancers</i> , <b>2019</b> , 11,	6.6	7
41	Performance of EGFR mutant-specific antibodies in different cytological preparations: a validation study. <i>Cytopathology</i> , <b>2015</b> , 26, 99-105	1.3	7
40	Next-generation sequencing in the genomic profiling of synchronous colonic carcinomas: comment on Li et al (2015). <i>Journal of Clinical Pathology</i> , <b>2015</b> , 68, 946-7	3.9	6
39	Diffuse large B-cell extranodal lymphoma of the uterine cervix: an incidental pap smear finding with histological and immunohistochemical correlation. <i>Diagnostic Cytopathology</i> , <b>2014</b> , 42, 644-6	1.4	6
38	In vivo histological assessment of a spontaneous coronary artery dissection. <i>Circulation</i> , <b>2010</b> , 122, 1044-6	16.7	6
37	Next generation sequencing in cytology. <i>Cytopathology</i> , <b>2021</b> , 32, 588-595	1.3	6

36	RNA-Based Assay for Next-Generation Sequencing of Clinically Relevant Gene Fusions in Non-Small Cell Lung Cancer. <i>Cancers</i> , <b>2021</b> , 13,	6.6	6
35	Long-term management of lenvatinib-treated thyroid cancer patients: a real-life experience at a single institution. <i>Endocrine</i> , <b>2021</b> , 73, 358-366	4	6
34	PD-L1 expression in cell-blocks of non-small cell lung cancer: The impact of prolonged fixation. <i>Diagnostic Cytopathology</i> , <b>2020</b> , 48, 595-603	1.4	5
33	EGFR mutant allelic-specific imbalance assessment in routine samples of non-small cell lung cancer. <i>Journal of Clinical Pathology</i> , <b>2015</b> , 68, 739-41	3.9	5
32	A Novel Approach to Classification and Reporting of Lymph Node Fine-Needle Cytology: Application of the Proposed Sydney System. <i>Diagnostics</i> , <b>2021</b> , 11,	3.8	4
31	Circulating Tumour Cells in Predictive Molecular Pathology: Focus on Drug-Sensitive Assays and 3D Culture. <i>Acta Cytologica</i> , <b>2019</b> , 63, 171-181	3	4
30	Evaluation of Micro Satellite Instability and Mismatch Repair Status in Different Solid Tumors: A Multicenter Analysis in a Real World Setting. <i>Cells</i> , <b>2021</b> , 10,	7.9	4
29	UbcH10 overexpression is less pronounced in older colorectal cancer patients. <i>International Journal of Colorectal Disease</i> , <b>2016</b> , 31, 1367-8	3	3
28	Ciliated foregut cyst of the pancreas: a benign lesion with elevated CEA levels. <i>Diagnostic Cytopathology</i> , <b>2015</b> , 43, 178-80	1.4	3
27	Cytopathology practice during the COVID-19 postlockdown: An Italian experience. <i>Cancer Cytopathology</i> , <b>2021</b> , 129, 548-554	3.9	3
26	Morphological and immunocytochemical features of Merkel cell carcinoma metastatic to the pancreas diagnosed by endoscopic ultrasound-guided fine-needle aspiration. <i>Diagnostic Cytopathology</i> , <b>2017</b> , 45, 629-630	1.4	2
25	Bird's eye view of modern cytopathology: Report from the seventh international Molecular Cytopathology Meeting in Naples, Italy, 2018. <i>Cancer Cytopathology</i> , <b>2019</b> , 127, 350-357	3.9	2
24	Microfluidic chip technology applied to fine-needle aspiration cytology samples for IGH clonality assessment. <i>Diagnostic Cytopathology</i> , <b>2019</b> , 47, 749-757	1.4	2
23	Role of Cytomorphology in the Era of Liquid Biopsy. <i>Acta Cytologica</i> , <b>2019</b> , 63, 497-505	3	2
22	Discordance in RAS mutations between primary colon tumor and metastases: a real event or a matter of methodology?. <i>International Journal of Biological Markers</i> , <b>2017</b> , 32, e474-e477	2.8	2
21	Warthin tumor with signet-ring cell features as a pitfall in salivary gland cytopathology. <i>Acta Cytologica</i> , <b>2013</b> , 57, 309-12	3	2
20	Multifocality and Hashimoto's thyroiditis as independent predictors of structural recurrence in a cohort of low risk intrathyroidal papillary thyroid cancer.. <i>Journal of Clinical Oncology</i> , <b>2017</b> , 35, e17577-e17577	2.2	2
19	PD-L1 and beyond: Immuno-oncology in cytopathology. <i>Cytopathology</i> , <b>2021</b> , 32, 596-603	1.3	2

18	Molecular Tests for Risk-Stratifying Cytologically Indeterminate Thyroid Nodules: An Overview of Commercially Available Testing Platforms in the United States. <i>Journal of Molecular Pathology</i> , <b>2021</b> , 2, 135-146	0.4	2
17	The cytopathologist's expanding role in the 2018 updated molecular testing guidelines for lung cancer. <i>Cancer Cytopathology</i> , <b>2018</b> , 126, 753-755	3.9	2
16	Reference standards for gene fusion molecular assays on cytological samples: an international validation study. <i>Journal of Clinical Pathology</i> , <b>2021</b> ,	3.9	2
15	Letter to the Editor. <i>Clinical Lung Cancer</i> , <b>2018</b> , 19, e149	4.9	1
14	Pure primary squamous cell carcinoma of the breast presenting as an intracystic tumor. <i>Breast Journal</i> , <b>2012</b> , 18, 608-9	1.2	1
13	Gene Dosage Affects Thyroid Cancer Histology and Differentiation In Vivo. <i>International Journal of Molecular Sciences</i> , <b>2020</b> , 22,	6.3	1
12	Molecular predictive testing in precision oncology: The Italian experience. <i>Cancer Cytopathology</i> , <b>2020</b> , 128, 622-628	3.9	1
11	Moving towards a local testing solution for undetermined thyroid fine-needle aspirates: validation of a novel custom DNA-based NGS panel. <i>Journal of Clinical Pathology</i> , <b>2021</b> ,	3.9	1
10	Cytopathology Practice in the COVID-19 Era: Focus on Sample Workload. <i>Journal of Molecular Pathology</i> , <b>2021</b> , 2, 109-113	0.4	1
9	Molecular Testing of Thyroid Fine-Needle Aspiration: Local Issues and Solutions. An Interventional Cytopathologist Perspective. <i>Journal of Molecular Pathology</i> , <b>2021</b> , 2, 233-240	0.4	1
8	Combination of Lenvatinib and Pembrolizumab as Salvage Treatment for Paucicellular Variant of Anaplastic Thyroid Cancer: A Case Report.. <i>Current Oncology</i> , <b>2021</b> , 28, 5401-5407	2.8	0
7	Methods for actionable gene fusion detection in lung cancer: now and in the future. <i>Pharmacogenomics</i> , <b>2021</b> , 22, 833-847	2.6	0
6	Fine-needle aspiration findings in focal (nodular) myositis of a newborn: A case report. <i>Diagnostic Cytopathology</i> , <b>2015</b> , 43, 920-3	1.4	
5	EGFR testing and the CAP/IASLC/AMP lung cancer biomarker testing guidelines: knowledge gaps and future directions. <i>Lung Cancer Management</i> , <b>2015</b> , 4, 87-95	2.6	
4	Tissue Microarray from Cell Block Material (cbTMA) An Additional Shot for Cytology in the Predictive Pathology Era: The PD-L1 Experience. <i>Journal of Molecular Pathology</i> , <b>2022</b> , 3, 15-23	0.4	
3	How to Prepare Cytological Samples for Molecular Testing <b>2018</b> , 11-28		
2	Predictive molecular pathology in metastatic thyroid cancer: the role of fusions.. <i>Expert Review of Endocrinology and Metabolism</i> , <b>2022</b> , 1-12	4.1	
1	Fine-Needle Aspiration Is Suitable for Breast Cancer BRCA Molecular Assessment: A Case Report. <i>Journal of Molecular Pathology</i> , <b>2021</b> , 2, 319-324	0.4	

