

Caterina De Luca

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.

53
papers

841
citations

18
h-index

27
g-index

55
ext. papers

1,074
ext. citations

3.3
avg, IF

4.08
L-index

#	Paper	IF	Citations
53	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> , 2017 , 116, 802-810	8.7	93
52	Challenges and opportunities of next-generation sequencing: a cytopathologist's perspective. <i>Cytopathology</i> , 2015 , 26, 271-83	1.3	61
51	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> , 2013 , 121, 552-60	3.9	58
50	Immunohistochemical Nuclear Expression of β Catenin as a Surrogate of CTNNB1 Exon 3 Mutation in Endometrial Cancer. <i>American Journal of Clinical Pathology</i> , 2019 , 151, 529-538	1.9	53
49	mutation detection on lung cancer cytological specimens by the novel fully automated PCR-based Idylla Mutation Assay. <i>Journal of Clinical Pathology</i> , 2017 , 70, 295-300	3.9	37
48	EGFR analysis: current evidence and future directions. <i>Diagnostic Cytopathology</i> , 2014 , 42, 984-92	1.4	32
47	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> , 2017 , 9, S1383-S1390	2.6	31
46	KRAS testing in metastatic colorectal carcinoma: challenges, controversies, breakthroughs and beyond. <i>Journal of Clinical Pathology</i> , 2014 , 67, 1-9	3.9	30
45	Epidermal growth factor receptor test performed on liquid-based cytology lung samples: experience of an academic referral center. <i>Acta Cytologica</i> , 2014 , 58, 589-94	3	30
44	mutations testing in non-small cell lung cancer: the role of Liquid biopsy in the basal setting. <i>Journal of Thoracic Disease</i> , 2020 , 12, 3836-3843	2.6	29
43	Fully automated PCR detection of KRAS mutations on pancreatic endoscopic ultrasound fine-needle aspirates. <i>Journal of Clinical Pathology</i> , 2016 ,	3.9	26
42	Performance analysis of SiRe next-generation sequencing panel in diagnostic setting: focus on NSCLC routine samples. <i>Journal of Clinical Pathology</i> , 2019 , 72, 38-45	3.9	25
41	Sanger sequencing in routine KRAS testing: a review of 1720 cases from a pathologist's perspective. <i>Journal of Clinical Pathology</i> , 2012 , 65, 940-4	3.9	24
40	Outsourcing cytological samples to a referral laboratory for EGFR testing in non-small cell lung cancer: does theory meet practice?. <i>Cytopathology</i> , 2015 , 26, 312-7	1.3	23
39	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
38	KRAS mutation detection by high-resolution melting analysis significantly predicts clinical benefit of cetuximab in metastatic colorectal cancer. <i>British Journal of Cancer</i> , 2012 , 107, 626-31	8.7	22
37	Tumor mutational burden on cytological samples: A pilot study. <i>Cancer Cytopathology</i> , 2021 , 129, 460-467	3.9	22

36	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> , 2016 , 69, 454-7	3.9	19
35	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> , 2019 , 72, 412-417	3.9	18
34	Understanding EGFR heterogeneity in lung cancer. <i>ESMO Open</i> , 2020 , 5, e000919	6	17
33	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> , 2017 , 70, 798-802	3.9	16
32	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> , 2017 , 70, 803-806	3.9	13
31	Diagnostic accuracy of p53 immunohistochemistry as surrogate of TP53 sequencing in endometrial cancer. <i>Pathology Research and Practice</i> , 2020 , 216, 153025	3.4	12
30	Is the Idylla Mutation Assay feasible on archival stained cytological smears? A pilot study. <i>Journal of Clinical Pathology</i> , 2019 , 72, 609-614	3.9	11
29	EGFR mutation detection by microfluidic technology: a validation study. <i>Journal of Clinical Pathology</i> , 2013 , 66, 982-4	3.9	11
28	Rapid On-site Molecular Evaluation in thyroid cytopathology: A same-day cytological and molecular diagnosis. <i>Diagnostic Cytopathology</i> , 2020 , 48, 300-307	1.4	11
27	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> , 2019 , 8, S64-S69	0.3	9
26	detection on archival cytological smears by the novel fully automated polymerase chain reaction-based Idylla mutation test. <i>CytoJournal</i> , 2017 , 14, 5	1.1	8
25	Predictive molecular pathology in the time of COVID-19. <i>Journal of Clinical Pathology</i> , 2021 , 74, 234-237	3.9	8
24	Performance of EGFR mutant-specific antibodies in different cytological preparations: a validation study. <i>Cytopathology</i> , 2015 , 26, 99-105	1.3	7
23	Impact of Pre-Analytical Factors on MSI Test Accuracy in Mucinous Colorectal Adenocarcinoma: A Multi-Assay Concordance Study. <i>Cells</i> , 2020 , 9,	7.9	7
22	Evaluation of , and mutational status and microsatellite instability in early colorectal carcinomas invading the (pT1): towards an in-house molecular prognostication for pathologists?. <i>Journal of Clinical Pathology</i> , 2020 , 73, 741-747	3.9	6
21	RNA-Based Assay for Next-Generation Sequencing of Clinically Relevant Gene Fusions in Non-Small Cell Lung Cancer. <i>Cancers</i> , 2021 , 13,	6.6	6
20	Harmonization of Next-Generation Sequencing Procedure in Italian Laboratories: A Multi-Institutional Evaluation of the SiRe Panel. <i>Frontiers in Oncology</i> , 2020 , 10, 236	5.3	5
19	PD-L1 expression in cell-blocks of non-small cell lung cancer: The impact of prolonged fixation. <i>Diagnostic Cytopathology</i> , 2020 , 48, 595-603	1.4	5

18	EGFR mutant allelic-specific imbalance assessment in routine samples of non-small cell lung cancer. <i>Journal of Clinical Pathology</i> , 2015 , 68, 739-41	3.9	5
17	Liquid biopsy for mutations testing in non-small cell lung cancer: a retrospective study. <i>Journal of Clinical Pathology</i> , 2020 ,	3.9	5
16	Evaluation of Micro Satellite Instability and Mismatch Repair Status in Different Solid Tumors: A Multicenter Analysis in a Real World Setting. <i>Cells</i> , 2021 , 10,	7.9	4
15	Ciliated foregut cyst of the pancreas: a benign lesion with elevated CEA levels. <i>Diagnostic Cytopathology</i> , 2015 , 43, 178-80	1.4	3
14	Cytopathology practice during the COVID-19 postlockdown: An Italian experience. <i>Cancer Cytopathology</i> , 2021 , 129, 548-554	3.9	3
13	Bird's eye view of modern cytopathology: Report from the seventh international Molecular Cytopathology Meeting in Naples, Italy, 2018. <i>Cancer Cytopathology</i> , 2019 , 127, 350-357	3.9	2
12	Cytology meets next generation sequencing and liquid biopsy: A case of lung adenocarcinoma presenting as metastasis to the phalanx. <i>Diagnostic Cytopathology</i> , 2020 , 48, 759-764	1.4	2
11	PD-L1 and beyond: Immuno-oncology in cytopathology. <i>Cytopathology</i> , 2021 , 32, 596-603	1.3	2
10	Molecular predictive testing in precision oncology: The Italian experience. <i>Cancer Cytopathology</i> , 2020 , 128, 622-628	3.9	1
9	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> , 2021 ,	3.9	1
8	Performance evaluation of a fully closed real-time PCR platform for the detection of KRAS p.G12C mutations in liquid biopsy of patients with non-small cell lung cancer. <i>Journal of Clinical Pathology</i> , 2021 ,	3.9	1
7	Cytopathology Practice in the COVID-19 Era: Focus on Sample Workload. <i>Journal of Molecular Pathology</i> , 2021 , 2, 109-113	0.4	1
6	Dealing with NSCLC EGFR mutation testing and treatment: A comprehensive review with an Italian real-world perspective. <i>Critical Reviews in Oncology/Hematology</i> , 2021 , 160, 103300	7	1
5	Molecular Testing of Thyroid Fine-Needle Aspiration: Local Issues and Solutions. An Interventional Cytopathologist Perspective. <i>Journal of Molecular Pathology</i> , 2021 , 2, 233-240	0.4	1
4	Concomitant Rare KRAS and BRAF Mutations in Lung Adenocarcinoma: A Case Report. <i>Journal of Molecular Pathology</i> , 2020 , 1, 36-42	0.4	0
3	Methods for actionable gene fusion detection in lung cancer: now and in the future. <i>Pharmacogenomics</i> , 2021 , 22, 833-847	2.6	0
2	EGFR mutation detection on lung cancer cytological specimens by the rapid and fully integrated Idylla molecular diagnostics system.. <i>Journal of Clinical Oncology</i> , 2016 , 34, e20542-e20542	2.2	
1	Fully automated PCR detection of KRAS mutations on pancreatic endoscopic ultrasound fine needle aspirates.. <i>Journal of Clinical Oncology</i> , 2016 , 34, e15726-e15726	2.2	

