

Elena Vigliar

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.

82

papers

1,169

citations

22

h-index

30

g-index

94

ext. papers

1,588

ext. citations

3.2

avg, IF

4.56

L-index

#	Paper	IF	Citations
82	Ion Torrent next-generation sequencing for routine identification of clinically relevant mutations in colorectal cancer patients. <i>Journal of Clinical Pathology</i> , 2015 , 68, 64-8	3.9	67
81	Challenges and opportunities of next-generation sequencing: a cytopathologist's perspective. <i>Cytopathology</i> , 2015 , 26, 271-83	1.3	61
80	Less frequently mutated genes in colorectal cancer: evidences from next-generation sequencing of 653 routine cases. <i>Journal of Clinical Pathology</i> , 2016 , 69, 767-71	3.9	56
79	How to prepare cytological samples for molecular testing. <i>Journal of Clinical Pathology</i> , 2017 , 70, 819-826	3.9	44
78	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
77	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
76	ALK and ROS1 testing on lung cancer cytologic samples: Perspectives. <i>Cancer Cytopathology</i> , 2017 , 125, 817-830	3.9	34
75	Cytology in the time of coronavirus disease (COVID-19): an Italian perspective. <i>Journal of Clinical Pathology</i> , 2021 , 74, 261-263	3.9	34
74	Metabolic flexibility in melanoma: A potential therapeutic target. <i>Seminars in Cancer Biology</i> , 2019 , 59, 187-207	12.7	32
73	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
72	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
71	Cytopathologists can reliably perform ultrasound-guided thyroid fine needle aspiration: a 1-year audit on 3715 consecutive cases. <i>Cytopathology</i> , 2016 , 27, 115-21	1.3	30
70	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
69	Lymph node fine needle cytology in the staging and follow-up of cutaneous lymphomas. <i>BMC Cancer</i> , 2014 , 14, 8	4.8	26
68	Efficacy of continuous EGFR-inhibition and role of Hedgehog in EGFR acquired resistance in human lung cancer cells with activating mutation of EGFR. <i>Oncotarget</i> , 2017 , 8, 23020-23032	3.3	26
67	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> , 2020 , 128, 107-118	3.9	26
66	Different qualifiers of AUS/FLUS thyroid FNA have distinct BRAF, RAS, RET/PTC, and PAX8/PPARg alterations. <i>Cancer Cytopathology</i> , 2018 , 126, 317-325	3.9	25

65	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
64	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
63	Cytological diagnosis of thyroid nodules in Hashimoto thyroiditis in elderly patients. <i>BMC Surgery</i> , 2013 , 13 Suppl 2, S41	2.3	24
62	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
61	Immunoglobulin heavy-chain fluorescence in situ hybridization-chromogenic in situ hybridization DNA probe split signal in the clonality assessment of lymphoproliferative processes on cytological samples. <i>Cancer Cytopathology</i> , 2012 , 120, 390-400	3.9	23
60	Early cytological diagnosis of extranodal stage I, primary thyroid Non-Hodgkin lymphoma in elderly patients. Report of two cases and review of the literature. <i>BMC Surgery</i> , 2013 , 13 Suppl 2, S49	2.3	21
59	Antitumor Efficacy of Dual Blockade of EGFR Signaling by Osimertinib in Combination With Selumetinib or Cetuximab in Activated EGFR Human NCLC Tumor Models. <i>Journal of Thoracic Oncology</i> , 2018 , 13, 810-820	8.9	19
58	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
57	Spindle epithelial tumor with thymus-like differentiation (SETTLE): clinical-pathological features, differential pathological diagnosis and therapy. <i>Endocrine</i> , 2016 , 51, 402-12	4	18
56	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
55	Lung adenocarcinoma and its thyroid metastasis characterized on fine-needle aspirates by cytomorphology, immunocytochemistry, and next-generation sequencing. <i>Diagnostic Cytopathology</i> , 2015 , 43, 585-9	1.4	18
54	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
53	Global impact of the COVID-19 pandemic on cytopathology practice: Results from an international survey of laboratories in 23 countries. <i>Cancer Cytopathology</i> , 2020 , 128, 885-894	3.9	16
52	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> , 2016 , 124, 776-784	3.9	16
51	The Reproducibility of the Immunohistochemical PD-L1 Testing in Non-Small-Cell Lung Cancer: A Multicentric Italian Experience. <i>BioMed Research International</i> , 2019 , 2019, 6832909	3	15
50	Fine-needle cytology and flow cytometry assessment of reactive and lymphoproliferative processes of the breast. <i>Acta Cytologica</i> , 2012 , 56, 130-8	3	12
49	Predictive molecular pathology in the time of coronavirus disease (COVID-19) in Europe. <i>Journal of Clinical Pathology</i> , 2020 ,	3.9	12
48	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

47	KRAS mutant allele-specific imbalance (MASI) assessment in routine samples of patients with metastatic colorectal cancer. <i>Journal of Clinical Pathology</i> , 2015 , 68, 265-9	3.9	11
46	Multiple metachronous proliferative fasciitis occurring in different anatomic regions: a case report and review of the literature. <i>Pathology Research and Practice</i> , 2012 , 208, 126-30	3.4	11
45	Signet-ring-cell carcinoma of stomach metastatic to the bladder: a case report with cytological and histological correlation and literature review. <i>International Journal of Surgical Pathology</i> , 2013 , 21, 72-5	1.2	11
44	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
43	Thyroid FNA in the time of coronavirus: The interventional cytopathologist point of view. <i>Cancer Cytopathology</i> , 2020 , 128, 589	3.9	10
42	Coexistence of primary gastric giant cell-rich leiomyosarcoma and gastrointestinal stromal tumor: report of a very rare combination and review of the literature. <i>International Journal of Surgical Pathology</i> , 2012 , 20, 74-8	1.2	10
41	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> , 2020 , 48, 1244-1253	1.4	9
40	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
39	Predictive molecular pathology in the time of COVID-19. <i>Journal of Clinical Pathology</i> , 2021 , 74, 234-237	3.9	8
38	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> , 2021 , 71, 20-25	4	8
37	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
36	Lymph node fine needle cytology in the diagnosis of infectious diseases and reactive unspecific processes. <i>Infezioni in Medicina</i> , 2012 , 20 Suppl 3, 30-3	3.6	8
35	Performance of EGFR mutant-specific antibodies in different cytological preparations: a validation study. <i>Cytopathology</i> , 2015 , 26, 99-105	1.3	7
34	Digital Slides as an Effective Tool for Programmed Death Ligand 1 Combined Positive Score Assessment and Training: Lessons Learned from the "Programmed Death Ligand 1 Key Learning Program in Head-and-Neck Squamous Cell Carcinoma". <i>Journal of Pathology Informatics</i> , 2021 , 12, 1	4.4	7
33	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
32	Next generation sequencing in cytology. <i>Cytopathology</i> , 2021 , 32, 588-595	1.3	6
31	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
30	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

29	Metabolites Profiling of Melanoma Interstitial Fluids Reveals Uridine Diphosphate as Potent Immune Modulator Capable of Limiting Tumor Growth. <i>Frontiers in Cell and Developmental Biology</i> , 2021 , 9, 730726	5.7	5
28	PD-L1 evaluation in head and neck squamous cell carcinoma: Insights regarding specimens, heterogeneity and therapy. <i>Pathology Research and Practice</i> , 2021 , 226, 153605	3.4	5
27	A Novel Approach to Classification and Reporting of Lymph Node Fine-Needle Cytology: Application of the Proposed Sydney System. <i>Diagnostics</i> , 2021 , 11,	3.8	4
26	Juggling the COVID-19 pandemic: A cytopathology point of view. <i>Cytopathology</i> , 2021 , 32, 299-303	1.3	4
25	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
24	Ciliated foregut cyst of the pancreas: a benign lesion with elevated CEA levels. <i>Diagnostic Cytopathology</i> , 2015 , 43, 178-80	1.4	3
23	Cytopathology practice during the COVID-19 postlockdown: An Italian experience. <i>Cancer Cytopathology</i> , 2021 , 129, 548-554	3.9	3
22	Morphological and immunocytochemical features of Merkel cell carcinoma metastatic to the pancreas diagnosed by endoscopic ultrasound-guided fine-needle aspiration. <i>Diagnostic Cytopathology</i> , 2017 , 45, 629-630	1.4	2
21	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
20	Microfluidic chip technology applied to fine-needle aspiration cytology samples for IGH clonality assessment. <i>Diagnostic Cytopathology</i> , 2019 , 47, 749-757	1.4	2
19	Role of Cytomorphology in the Era of Liquid Biopsy. <i>Acta Cytologica</i> , 2019 , 63, 497-505	3	2
18	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
17	PD-L1 and beyond: Immuno-oncology in cytopathology. <i>Cytopathology</i> , 2021 , 32, 596-603	1.3	2
16	Reference standards for gene fusion molecular assays on cytological samples: an international validation study. <i>Journal of Clinical Pathology</i> , 2021 ,	3.9	2
15	Letter to the Editor. <i>Clinical Lung Cancer</i> , 2018 , 19, e149	4.9	1
14	Cytopathology meets basic science. <i>Cancer Cytopathology</i> , 2015 , 123, 571-2	3.9	1
13	Molecular predictive testing in precision oncology: The Italian experience. <i>Cancer Cytopathology</i> , 2020 , 128, 622-628	3.9	1
12	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

11	Cytopathology Practice in the COVID-19 Era: Focus on Sample Workload. <i>Journal of Molecular Pathology</i> , 2021 , 2, 109-113	0.4	1
10	PD-L1 in Cytological Samples: A Review and a Practical Approach. <i>Frontiers in Medicine</i> , 2021 , 8, 668612	4.9	1
9	Multimetastatic medullary thyroid carcinoma to the breast: PET/CT--mammographic-US and MR findings. <i>Breast Journal</i> , 2014 , 20, 653-4	1.2	0
8	Correspondence in reference to the previously published Epub manuscript by Peter Hokland et al. How I treat advanced Hodgkin lymphoma - a global view. <i>Br J Haematol.</i> 2020;190:837-50. <i>British Journal of Haematology</i> , 2021 , 193, e5-e8	4.5	0
7	Breast implant associated anaplastic large cell lymphoma (BIA-ALCL): a challenging cytological diagnosis with hybrid PET/MRI staging and follow-up. <i>Breast Cancer</i> , 2021 , 28, 527-532	3.4	0
6	Methods for actionable gene fusion detection in lung cancer: now and in the future. <i>Pharmacogenomics</i> , 2021 , 22, 833-847	2.6	0
5	Fine-needle aspiration findings in focal (nodular) myositis of a newborn: A case report. <i>Diagnostic Cytopathology</i> , 2015 , 43, 920-3	1.4	
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> , 2022 , 3, 15-23	0.4	
3	How to Prepare Cytological Samples for Molecular Testing 2018 , 11-28		
2	Predictive molecular pathology in metastatic thyroid cancer: the role of fusions.. <i>Expert Review of Endocrinology and Metabolism</i> , 2022 , 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> , 2021 , 2, 319-324	0.4	