

Elena Vigliar

List of Publications by Year in descending order

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Version: 2024-02-01

94
papers

1,900
citations

236833

25
h-index

315616

38
g-index

94
all docs

94
docs citations

94
times ranked

2229
citing authors

#	ARTICLE	IF	CITATIONS
1	Ion Torrent next-generation sequencing for routine identification of clinically relevant mutations in colorectal cancer patients. <i>Journal of Clinical Pathology</i> , 2015, 68, 64-68.	1.0	81
2	Challenges and opportunities of next-generation sequencing: a cytopathologist's perspective. <i>Cytopathology</i> , 2015, 26, 271-283.	0.4	76
3	Less frequently mutated genes in colorectal cancer: evidences from next-generation sequencing of 653 routine cases. <i>Journal of Clinical Pathology</i> , 2016, 69, 767-771.	1.0	75
4	How to prepare cytological samples for molecular testing. <i>Journal of Clinical Pathology</i> , 2017, 70, 819-826.	1.0	70
5	Metabolic flexibility in melanoma: A potential therapeutic target. <i>Seminars in Cancer Biology</i> , 2019, 59, 187-207.	4.3	62
6	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.	1.4	58
7	Evaluation of <i>BRAF</i> , <i>RAS</i> , <i>RET/PTC</i> , and <i>PAX8/PPARγ</i> 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.	1.4	55
8	Cytopathologists can reliably perform ultrasound-guided thyroid fine needle aspiration: a 1-year audit on 3715 consecutive cases. <i>Cytopathology</i> , 2016, 27, 115-121.	0.4	50
9	Cytology in the time of coronavirus disease (COVID-19): an Italian perspective. <i>Journal of Clinical Pathology</i> , 2021, 74, 261-263.	1.0	49
10	KRAS 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.	0.6	47
11	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.	1.4	47
12	EGFR mutation detection on lung cancer cytological specimens by the novel fully automated PCR-based Idylla EGFR Mutation Assay. <i>Journal of Clinical Pathology</i> , 2017, 70, 295-300.	1.0	44
13	ALK and ROS1 testing on lung cancer cytologic samples: Perspectives. <i>Cancer Cytopathology</i> , 2017, 125, 817-830.	1.4	44
14	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.	0.6	39
15	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.	1.4	39
16	Next generation sequencing in cytology. <i>Cytopathology</i> , 2021, 32, 588-595.	0.4	39
17	Epidermal Growth Factor Receptor Test Performed on Liquid-Based Cytology Lung Samples: Experience of an Academic Referral Center. <i>Acta Cytologica</i> , 2014, 58, 589-594.	0.7	37
18	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.	1.0	37

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19	Atlas of PD-L1 for Pathologists: Indications, Scores, Diagnostic Platforms and Reporting Systems. <i>Journal of Personalized Medicine</i> , 2022, 12, 1073.	1.1	36
20	Different qualifiers of AUS/FLUS thyroid FNA have distinct <i>BRAF</i> , <i>RAS</i> , <i>RET</i> / <i>PTC</i> , and <i>PAX8</i> / <i>PPARg</i> alterations. <i>Cancer Cytopathology</i> , 2018, 126, 317-325.	1.4	33
21	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.	0.8	33
22	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, 1878.	1.8	32
23	Cytological diagnosis of thyroid nodules in Hashimoto thyroiditis in elderly patients. <i>BMC Surgery</i> , 2013, 13, S41.	0.6	31
24	Lymph node fine needle Cytology in the staging and follow-up of Cutaneous Lymphomas. <i>BMC Cancer</i> , 2014, 14, 8.	1.1	30
25	Outsourcing cytological samples to a referral laboratory for <i>EGFR</i> testing in non-small cell lung cancer: does theory meet practice?. <i>Cytopathology</i> , 2015, 26, 312-317.	0.4	30
26	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.	0.5	29
27	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.	1.0	28
28	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.	1.0	26
29	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.	1.4	25
30	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, S49.	0.6	25
31	Spindle epithelial tumor with thymus-like differentiation (SETTLE): clinical-pathological features, differential pathological diagnosis and therapy. <i>Endocrine</i> , 2016, 51, 402-412.	1.1	24
32	Challenges facing pathologists evaluating PD-L1 in head & neck squamous cell carcinoma. <i>Journal of Oral Pathology and Medicine</i> , 2021, 50, 864-873.	1.4	24
33	Lung adenocarcinoma and its thyroid metastasis characterized on fine needle aspirates by cytomorphology, immunocytochemistry, and next generation sequencing. <i>Diagnostic Cytopathology</i> , 2015, 43, 585-589.	0.5	23
34	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, 454-457.	1.0	22
35	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.	0.5	22
36	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.	0.8	22

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37	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.	1.4	21
38	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, 1-7.	0.9	20
39	Fine-Needle Cytology and Flow Cytometry Assessment of Reactive and Lymphoproliferative Processes of the Breast. <i>Acta Cytologica</i> , 2012, 56, 130-138.	0.7	17
40	Predictive molecular pathology in the time of coronavirus disease (COVID-19) in Europe. <i>Journal of Clinical Pathology</i> , 2021, 74, 391-395.	1.0	17
41	RNA-Based Assay for Next-Generation Sequencing of Clinically Relevant Gene Fusions in Non-Small Cell Lung Cancer. <i>Cancers</i> , 2021, 13, 139.	1.7	17
42	PD-L1 in Cytological Samples: A Review and a Practical Approach. <i>Frontiers in Medicine</i> , 2021, 8, 668612.	1.2	17
43	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.	1.0	16
44	Rapid On-site Molecular Evaluation in thyroid cytopathology: A same-day cytological and molecular diagnosis. <i>Diagnostic Cytopathology</i> , 2020, 48, 300-307.	0.5	16
45	Cytopathology practice during the COVID-19 postlockdown: An Italian experience. <i>Cancer Cytopathology</i> , 2021, 129, 548-554.	1.4	15
46	A Novel Approach to Classification and Reporting of Lymph Node Fine-Needle Cytology: Application of the Proposed Sydney System. <i>Diagnostics</i> , 2021, 11, 1314.	1.3	15
47	COVID-19 pandemic impact on cytopathology practice in the post-lockdown period: An international, multicenter study. <i>Cancer Cytopathology</i> , 2022, 130, 344-351.	1.4	15
48	Is the Idylla <i>EGFR</i> Mutation Assay feasible on archival stained cytological smears? A pilot study. <i>Journal of Clinical Pathology</i> , 2019, 72, 609-614.	1.0	14
49	Signet-Ring-Cell Carcinoma of Stomach Metastatic to the Bladder. <i>International Journal of Surgical Pathology</i> , 2013, 21, 72-75.	0.4	13
50	KRAS Mutant Allele-Specific Imbalance (MASI) assessment in routine samples of patients with metastatic colorectal cancer. <i>Journal of Clinical Pathology</i> , 2015, 68, 265-269.	1.0	13
51	Predictive molecular pathology in the time of COVID-19. <i>Journal of Clinical Pathology</i> , 2021, 74, 234-237.	1.0	13
52	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.	1.1	13
53	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.	1.8	13
54	Thyroid FNA in the time of coronavirus: The interventional cytopathologist point of view. <i>Cancer Cytopathology</i> , 2020, 128, 589-589.	1.4	12

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55	Coexistence of Primary Gastric Giant Cell "Rich Leiomyosarcoma and Gastrointestinal Stromal Tumor. <i>International Journal of Surgical Pathology</i> , 2012, 20, 74-78.	0.4	11
56	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, 126-130.	1.0	11
57	PD-L1 and beyond: Immunooncology in cytopathology. <i>Cytopathology</i> , 2021, 32, 596-603.	0.4	11
58	Concordance between Three PD-L1 Immunohistochemical Assays in Head and Neck Squamous Cell Carcinoma (HNSCC) in a Multicenter Study. <i>Diagnostics</i> , 2022, 12, 477.	1.3	10
59	Evaluation of KRAS, NRAS and BRAF mutational status and microsatellite instability in early colorectal carcinomas invading the submucosa (pT1): towards an in-house molecular prognostication for pathologists?. <i>Journal of Clinical Pathology</i> , 2020, 73, 741-747.	1.0	9
60	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.	0.5	9
61	Reference standards for gene fusion molecular assays on cytological samples: an international validation study. <i>Journal of Clinical Pathology</i> , 2023, 76, 47-52.	1.0	9
62	KRAS detection on archival cytological smears by the novel fully automated polymerase chain reaction-based Idylla mutation test. <i>CytoJournal</i> , 2017, 14, 5.	0.8	9
63	Juggling the COVID-19 pandemic: A cytopathology point of view. <i>Cytopathology</i> , 2021, 32, 299-303.	0.4	8
64	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.	0.7	8
65	Performance of EGFR mutant-specific antibodies in different cytological preparations: a validation study. <i>Cytopathology</i> , 2015, 26, 99-105.	0.4	7
66	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> , 2022, 75, 465-471.	1.0	6
67	Application of the Milan System for Reporting Salivary Gland Cytopathology in pediatric patients: An international, multi-institutional study. <i>Cancer Cytopathology</i> , 2022, 130, 370-380.	1.4	6
68	Ciliated foregut cyst of the pancreas: A benign lesion with elevated CEA levels. <i>Diagnostic Cytopathology</i> , 2015, 43, 178-180.	0.5	5
69	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.	1.3	5
70	MMR profile and microsatellite instability status in colorectal mucinous adenocarcinoma with synchronous metastasis: a new clue for the clinical practice. <i>Journal of Clinical Pathology</i> , 2023, 76, 492-496.	1.0	5
71	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.	0.5	4
72	Role of Cytomorphology in the Era of Liquid Biopsy. <i>Acta Cytologica</i> , 2019, 63, 497-505.	0.7	4

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73	Methods for actionable gene fusion detection in lung cancer: now and in the future. <i>Pharmacogenomics</i> , 2021, 22, 833-847.	0.6	4
74	Generation and Characterization of a Tumor Stromal Microenvironment and Analysis of Its Interplay with Breast Cancer Cells: An In Vitro Model to Study Breast Cancer-Associated Fibroblast Inactivation. <i>International Journal of Molecular Sciences</i> , 2022, 23, 6875.	1.8	4
75	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.	1.4	3
76	Microfluidic chip technology applied to fine needle aspiration cytology samples for IGH clonality assessment. <i>Diagnostic Cytopathology</i> , 2019, 47, 749-757.	0.5	3
77	Biomarkers predictive value in early stage non-small cell lung cancer. <i>Translational Lung Cancer Research</i> , 2020, 9, 956-959.	1.3	3
78	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.	0.5	3
79	Sulfur Hexafluoride Contrast-Enhanced Ultrasound Showing Early Wash-Out of Marked Degree Identifies Lymphoma Invasion of Spleen with Excellent Diagnostic Accuracy: A Monocentric Study of 260 Splenic Nodules. <i>Cancers</i> , 2022, 14, 1927.	1.7	3
80	Cytopathology meets basic science. <i>Cancer Cytopathology</i> , 2015, 123, 571-572.	1.4	2
81	Molecular predictive testing in precision oncology: The Italian experience. <i>Cancer Cytopathology</i> , 2020, 128, 622-628.	1.4	2
82	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;190:837-850. <i>British Journal of Haematology</i> , 2021, 193, e5-e8.		2
83	Cytopathology Practice in the COVID-19 Era: Focus on Sample Workload. <i>Journal of Molecular Pathology</i> , 2021, 2, 109-113.	0.5	2
84	BRCA1/2 NGS Somatic Testing in Clinical Practice: A Short Report. <i>Genes</i> , 2021, 12, 1917.	1.0	2
85	Editorial: Advances in Molecular Cytopathology. <i>Frontiers in Medicine</i> , 2022, 9, 851949.	1.2	2
86	RNA-based next-generation sequencing in non-small-cell lung cancer in a routine setting: an experience from an Italian referral center. <i>Personalized Medicine</i> , 2022, 19, 395-401.	0.8	2
87	Multimetastatic Medullary Thyroid Carcinoma to the Breast: PET/CT-Mammographic-US and MR Findings. <i>Breast Journal</i> , 2014, 20, 653-654.	0.4	1
88	Letter to the Editor. <i>Clinical Lung Cancer</i> , 2018, 19, e149.	1.1	1
89	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.	0.5	1
90	Predictive molecular pathology in metastatic thyroid cancer: the role of RET fusions. <i>Expert Review of Endocrinology and Metabolism</i> , 2022, 17, 167-178.	1.2	1

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91	Microsatellite instability evaluation of patients with solid tumour: routine practice insight from a large series of Italian referral centre. <i>Journal of Clinical Pathology</i> , 2022, , jclinpath-2022-208203.	1.0	1
92	Fine-needle aspiration findings in focal (nodular) myositis of a newborn: A case report. <i>Diagnostic Cytopathology</i> , 2015, 43, 920-923.	0.5	0
93	How to Prepare Cytological Samples for Molecular Testing. , 2018, , 11-28.		0
94	Fine-Needle Aspiration Is Suitable for Breast Cancer BRCA Molecular Assessment: A Case Report. <i>Journal of Molecular Pathology</i> , 2021, 2, 319-324.	0.5	0