

# Giancarlo Troncone

## List of Publications by Citations

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194  
papers

2,956  
citations

31  
h-index

43  
g-index

220  
ext. papers

3,877  
ext. citations

3.4  
avg, IF

5.6  
L-index

#	Paper	IF	Citations
194	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
193	Fine-needle aspiration biopsies of breast masses. A critical analysis of 1956 cases in 8 years (1976-1984). <i>Cancer</i> , <b>1988</b> , 61, 2273-7	6.4	93
192	Rapid On-Site Evaluation of Endobronchial Ultrasound-Guided Transbronchial Needle Aspirations for the Diagnosis of Lung Cancer: A Perspective From Members of the Pulmonary Pathology Society. <i>Archives of Pathology and Laboratory Medicine</i> , <b>2018</b> , 142, 253-262	5	79
191	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
190	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
189	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
188	Challenges and opportunities of next-generation sequencing: a cytopathologist's perspective. <i>Cytopathology</i> , <b>2015</b> , 26, 271-83	1.3	61
187	Fine needle aspiration cytology and flow cytometry immunophenotyping of non-Hodgkin lymphoma: can we do better?. <i>Cytopathology</i> , <b>2010</b> , 21, 300-10	1.3	60
186	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
185	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
184	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
183	The significance of epidermal growth factor receptor uncommon mutations in non-small cell lung cancer: A systematic review and critical appraisal. <i>Cancer Treatment Reviews</i> , <b>2020</b> , 85, 101994	14.4	51
182	Analysis of differential miRNA expression in primary tumor and stroma of colorectal cancer patients. <i>BioMed Research International</i> , <b>2014</b> , 2014, 840921	3	46
181	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
180	Prospective detection of mutations in cerebrospinal fluid, pleural effusion, and ascites of advanced cancer patients to guide treatment decisions. <i>Molecular Oncology</i> , <b>2019</b> , 13, 2633-2645	7.9	45
179	How to prepare cytological samples for molecular testing. <i>Journal of Clinical Pathology</i> , <b>2017</b> , 70, 819-826	5.9	44
178	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

177	USP7 inhibitors, downregulating CCDC6, sensitize lung neuroendocrine cancer cells to PARP-inhibitor drugs. <i>Lung Cancer</i> , <b>2017</b> , 107, 41-49	5.9	41
176	Liquid Biopsy and Lung Cancer. <i>Acta Cytologica</i> , <b>2019</b> , 63, 489-496	3	39
175	An update on liquid biopsy analysis for diagnostic and monitoring applications in non-small cell lung cancer. <i>Expert Review of Molecular Diagnostics</i> , <b>2018</b> , 18, 35-45	3.8	38
174	The molecular profiling of solid tumors by liquid biopsy: a position paper of the AIOM-SIAPEC-IAP-SIBioC-SIC-SIF Italian Scientific Societies. <i>ESMO Open</i> , <b>2021</b> , 6, 100164	6	38
173	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
172	Fine-needle aspiration biopsies of breast masses. An additional experience with 1153 cases (1985 to 1988) and a meta-analysis. <i>Cancer</i> , <b>1992</b> , 69, 736-40	6.4	36
171	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
170	Paclitaxel and Tacrolimus Coencapsulated Polymeric Micelles That Enhance the Therapeutic Effect of Drug-Resistant Ovarian Cancer. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2016</b> , 8, 4368-77	9.5	34
169	ALK and ROS1 testing on lung cancer cytologic samples: Perspectives. <i>Cancer Cytopathology</i> , <b>2017</b> , 125, 817-830	3.9	34
168	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
167	Urokinase-type plasminogen activator receptor (uPAR) expression enhances invasion and metastasis in RAS mutated tumors. <i>Scientific Reports</i> , <b>2017</b> , 7, 9388	4.9	33
166	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> , <b>2017</b> , 6, 373-386	4.4	32
165	EGFR analysis: current evidence and future directions. <i>Diagnostic Cytopathology</i> , <b>2014</b> , 42, 984-92	1.4	32
164	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
163	The prognostic impact of tumor mutational burden (TMB) in the first-line management of advanced non-oncogene addicted non-small-cell lung cancer (NSCLC): a systematic review and meta-analysis of randomized controlled trials. <i>ESMO Open</i> , <b>2021</b> , 6, 100124	6	31
162	A review on the Idylla platform: towards the assessment of actionable genomic alterations in one day. <i>Journal of Clinical Pathology</i> , <b>2018</b> , 71, 757-762	3.9	30
161	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
160	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

159	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
158	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
157	Potential involvement of neutrophils in human thyroid cancer. <i>PLoS ONE</i> , <b>2018</b> , 13, e0199740	3.7	29
156	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
155	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
154	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
153	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
152	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
151	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
150	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
149	Idylla assay and next generation sequencing: an integrated EGFR mutational testing algorithm. <i>Journal of Clinical Pathology</i> , <b>2018</b> , 71, 745-750	3.9	23
148	Hodgkin's disease mimicking suppurative lymphadenitis: a possible pitfall in fine-needle aspiration biopsy cytology. <i>Diagnostic Cytopathology</i> , <b>1989</b> , 5, 282-5	1.4	22
147	Tumor mutational burden on cytological samples: A pilot study. <i>Cancer Cytopathology</i> , <b>2021</b> , 129, 460-467	3.9	22
146	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> , <b>2018</b> , 13, 810-820	8.9	19
145	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
144	Immunohistochemical expression of mdm2 and p21WAF1 in invasive cervical cancer: correlation with p53 protein and high risk HPV infection. <i>Journal of Clinical Pathology</i> , <b>1998</b> , 51, 754-60	3.9	19
143	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
142	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

141	Invited review-next-generation sequencing: a modern tool in cytopathology. <i>Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin</i> , <b>2019</b> , 475, 3-11	5.1	18
140	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
139	Cyclin dependent kinase inhibitor p27Kip1 expression in normal and neoplastic cervical epithelium. <i>Journal of Clinical Pathology</i> , <b>1999</b> , 52, 880-7	3.9	18
138	Rapamycin inhibits mSin1 phosphorylation independently of mTORC1 and mTORC2. <i>Oncotarget</i> , <b>2015</b> , 6, 4286-98	3.3	18
137	KRAS inhibition in non-small cell lung cancer: Past failures, new findings and upcoming challenges. <i>European Journal of Cancer</i> , <b>2020</b> , 137, 57-68	7.5	18
136	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
135	Understanding EGFR heterogeneity in lung cancer. <i>ESMO Open</i> , <b>2020</b> , 5, e000919	6	17
134	Molecular status of PI3KCA, KRAS and BRAF in ovarian clear cell carcinoma: an analysis of 63 patients. <i>Journal of Clinical Pathology</i> , <b>2016</b> , 69, 1088-1092	3.9	17
133	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
132	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
131	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
130	Cytological preparations for molecular analysis: A review of technical procedures, advantages and limitations for referring samples for testing. <i>Cytopathology</i> , <b>2018</b> , 29, 125-132	1.3	15
129	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
128	Cyclin-dependent kinase inhibitor p27(Kip1) expression in thyroid cells obtained by fine-needle aspiration biopsy: a preliminary report. <i>Diagnostic Cytopathology</i> , <b>2000</b> , 23, 77-81	1.4	15
127	T790M detection rate in lung adenocarcinomas at baseline using droplet digital PCR and validation by ultra-deep next generation sequencing. <i>Translational Lung Cancer Research</i> , <b>2019</b> , 8, 584-592	4.4	15
126	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
125	, and mutations detected by next generation sequencing, and differential clinical outcome in metastatic colorectal cancer (MCRC) patients treated with first line FIr-B/FOx adding bevacizumab (BEV) to triplet chemotherapy. <i>Oncotarget</i> , <b>2018</b> , 9, 26279-26290	3.3	13
124	Improving anti-melanoma effect of curcumin by biodegradable nanoparticles. <i>Oncotarget</i> , <b>2017</b> , 8, 108634-108642	3.5	12

123	c-erbB-2 expression in FNAB smears and matched surgical specimens of breast cancer. <i>Diagnostic Cytopathology</i> , <b>1996</b> , 14, 135-9	1.4	12
122	C-erbB-2 expression and DNA ploidy status in breast cancer cells obtained by fine needle aspiration (FNA). <i>Cytopathology</i> , <b>1993</b> , 4, 195-205	1.3	12
121	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> , <b>2021</b> , 169, 103525	7	12
120	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
119	Approach to cytological indeterminate thyroid nodules. <i>Gland Surgery</i> , <b>2019</b> , 8, S98-S104	2.2	11
118	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
117	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
116	EGFR mutation detection by microfluidic technology: a validation study. <i>Journal of Clinical Pathology</i> , <b>2013</b> , 66, 982-4	3.9	11
115	Current prognostic and predictive biomarkers for gastrointestinal tumors in clinical practice. <i>Pathologica</i> , <b>2020</b> , 112, 248-259	1.9	11
114	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
113	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
112	Osteomyelitis by <i>Paracoccidioides brasiliensis</i> (South American blastomycosis): cytologic diagnosis on fine-needle aspiration biopsy smears: a case report. <i>Diagnostic Cytopathology</i> , <b>1996</b> , 15, 442-6	1.4	10
111	BRAF: A Two-Faced Janus. <i>Cells</i> , <b>2020</b> , 9,	7.9	10
110	Microsatellite instability evaluation by automated microfluidic electrophoresis: an update. <i>Journal of Clinical Pathology</i> , <b>2017</b> , 70, 90-91	3.9	9
109	KRAS testing on colo-rectal carcinoma cytological imprints. <i>Diagnostic Cytopathology</i> , <b>2011</b> , 39, 274-7	1.4	9
108	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
107	miR-29b inhibits non-small cell lung cancer progression by targeting STRN4. <i>Human Cell</i> , <b>2020</b> , 33, 220-231	1.5	9
106	BRAF as a positive predictive biomarker: Focus on lung cancer and melanoma patients. <i>Critical Reviews in Oncology/Hematology</i> , <b>2020</b> , 156, 103118	7	9

105	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
104	Thyroid cytology smear slides: An untapped resource for ThyroSeq testing. <i>Cancer Cytopathology</i> , <b>2021</b> , 129, 33-42	3.9	9
103	Predictive markers in lung cancer: a few hints for the practicing pathologist. <i>Pathologica</i> , <b>2018</b> , 110, 29-38	3.9	9
102	A Simplified Genomic Profiling Approach Predicts Outcome in Metastatic Colorectal Cancer. <i>Cancers</i> , <b>2019</b> , 11,	6.6	8
101	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
100	RAS as a positive predictive biomarker: focus on lung and colorectal cancer patients. <i>European Journal of Cancer</i> , <b>2021</b> , 146, 74-83	7.5	8
99	Predictive molecular pathology in the time of COVID-19. <i>Journal of Clinical Pathology</i> , <b>2021</b> , 74, 234-237	3.9	8
98	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
97	Challenges facing pathologists evaluating PD-L1 in head & neck squamous cell carcinoma. <i>Journal of Oral Pathology and Medicine</i> , <b>2021</b> , 50, 864-873	3.3	8
96	Intra-institutional second opinion diagnosis can reduce unnecessary surgery for indeterminate thyroid FNA: A preliminary report on 34 cases. <i>Cytopathology</i> , <b>2017</b> , 28, 254-258	1.3	7
95	Intensive first-line FIr-C/FOx-C association of triplet chemotherapy plus cetuximab in wild-type metastatic colorectal cancer patients: preliminary phase II data and prediction of individual limiting toxicity syndromes by pharmacogenomic biomarkers. <i>Therapeutic Advances in Medical Oncology</i> , <b>2019</b> , 11, 1758835919846421	5.4	7
94	Clinical Multigene Panel Sequencing Identifies Distinct Mutational Association Patterns in Metastatic Colorectal Cancer. <i>Frontiers in Oncology</i> , <b>2020</b> , 10, 560	5.3	7
93	bcl-2 protein in breast cancer cells obtained by fine needle aspiration (FNA): a preliminary report. <i>Cytopathology</i> , <b>1995</b> , 6, 219-25	1.3	7
92	Impact of Pre-Analytical Factors on MSI Test Accuracy in Mucinous Colorectal Adenocarcinoma: A Multi-Assay Concordance Study. <i>Cells</i> , <b>2020</b> , 9,	7.9	7
91	Cellular pathology in the COVID-19 era: a European perspective on maintaining quality and safety. <i>Journal of Clinical Pathology</i> , <b>2021</b> , 74, 64-66	3.9	7
90	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> , <b>2021</b> , 12, 1	4.4	7
89	Next Generation Sequencing in Cytopathology: Focus on Non-Small Cell Lung Cancer. <i>Frontiers in Medicine</i> , <b>2021</b> , 8, 633923	4.9	7
88	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> , <b>2020</b> , 73, 741-747	3.9	6

87	The Cause of Death of a Child in the 18th Century Solved by Bone Microbiome Typing Using Laser Microdissection and Next Generation Sequencing. <i>International Journal of Molecular Sciences</i> , <b>2017</b> , 18,	6.3	6
86	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
85	Next generation sequencing in cytology. <i>Cytopathology</i> , <b>2021</b> , 32, 588-595	1.3	6
84	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
83	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
82	BRAF Mutations in Lung Cancer. <i>Acta Cytologica</i> , <b>2019</b> , 63, 247-250	3	5
81	Harmonization of Next-Generation Sequencing Procedure in Italian Laboratories: A Multi-Institutional Evaluation of the SiRe $\square$ Panel. <i>Frontiers in Oncology</i> , <b>2020</b> , 10, 236	5.3	5
80	Digital Pathology and PD-L1 Testing in Non Small Cell Lung Cancer: A Workshop Record. <i>Cancers</i> , <b>2020</b> , 12,	6.6	5
79	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
78	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
77	Retrospective evaluation of DNA ploidy of hepatocarcinoma on cytologic samples. <i>Diagnostic Cytopathology</i> , <b>1998</b> , 19, 323-9	1.4	5
76	Mesonephric-like adenocarcinoma of the ovary: A case report and a review of the literature. <i>Medicine (United States)</i> , <b>2020</b> , 99, e23450	1.8	5
75	Liquid biopsy for mutations testing in non-small cell lung cancer: a retrospective study. <i>Journal of Clinical Pathology</i> , <b>2020</b> ,	3.9	5
74	Real-World Data on NGS Diagnostics: a survey from the Italian Society of Pathology (SIAPeC) NGS Network. <i>Pathologica</i> , <b>2021</b> , 113, 262-271	1.9	5
73	PD-L1 evaluation in head and neck squamous cell carcinoma: Insights regarding specimens, heterogeneity and therapy. <i>Pathology Research and Practice</i> , <b>2021</b> , 226, 153605	3.4	5
72	TargetPlex FFPE-Direct DNA Library Preparation Kit for SiRe NGS panel: an international performance evaluation study. <i>Journal of Clinical Pathology</i> , <b>2021</b> ,	3.9	4
71	Next generation sequencing identifies novel potential actionable mutations for grade I meningioma treatment. <i>Histology and Histopathology</i> , <b>2020</b> , 35, 741-749	1.4	4
70	A rapid near-patient RT-PCR test for suspected COVID-19: a study of the diagnostic accuracy. <i>Annals of Translational Medicine</i> , <b>2021</b> , 9, 921	3.2	4



69	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
68	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
67	Juggling the COVID-19 pandemic: A cytopathology point of view. <i>Cytopathology</i> , <b>2021</b> , 32, 299-303	1.3	4
66	Comprehensive genomic profiling of combined small cell lung cancer. <i>Translational Lung Cancer Research</i> , <b>2021</b> , 10, 636-650	4.4	4
65	Clinical and molecular practice of European thoracic pathology laboratories during the COVID-19 pandemic. The past and the near future. <i>ESMO Open</i> , <b>2021</b> , 6, 100024	6	4
64	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
63	Evidence-based diagnostic performance of novel biomarkers for the diagnosis of malignant mesothelioma in effusion cytology. <i>Cancer Cytopathology</i> , <b>2021</b> ,	3.9	4
62	Diagnostic mesothelioma biomarkers in effusion cytology. <i>Cancer Cytopathology</i> , <b>2021</b> , 129, 506-516	3.9	4
61	Pharmacodynamics of current and emerging PD-1 and PD-L1 inhibitors for the treatment of non-small cell lung cancer. <i>Expert Opinion on Drug Metabolism and Toxicology</i> , <b>2020</b> , 16, 87-96	5.5	3
60	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
59	How the COVID-19 Pandemic Impacted Oncological Molecular Diagnosis: A Picture from a National Reference Center for Molecular Pathology. <i>BioMed Research International</i> , <b>2020</b> , 2020, 8397053	3	3
58	Liquid Biopsy Analysis in Clinical Practice: Focus on Lung Cancer. <i>Journal of Molecular Pathology</i> , <b>2021</b> , 2, 241-254	0.4	3
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