

Giancarlo Troncone

List of Publications by Year in Descending Order

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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.

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	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	
193	Clinicopathologic correlates and prognostic relevance of the immune checkpoint CD73 (NT5E) in resected biliary cancers (BC).. <i>Journal of Clinical Oncology</i> , 2022 , 40, 473-473	2.2	
192	Impact of mobile devices on cancer diagnosis in cytology. <i>Diagnostic Cytopathology</i> , 2022 , 50, 34-45	1.4	2
191	Predictive molecular pathology in metastatic thyroid cancer: the role of fusions.. <i>Expert Review of Endocrinology and Metabolism</i> , 2022 , 1-12	4.1	
190	Current Prognostic and Predictive Biomarkers for Endometrial Cancer in Clinical Practice: Recommendations/Proposal from the Italian Study Group.. <i>Frontiers in Oncology</i> , 2022 , 12, 805613	5.3	2
189	Combination of Lenvatinib and Pembrolizumab as Salvage Treatment for Paucicellular Variant of Anaplastic Thyroid Cancer: A Case Report.. <i>Current Oncology</i> , 2021 , 28, 5401-5407	2.8	0
188	TargetPlex FFPE-Direct DNA Library Preparation Kit for SiRe NGS panel: an international performance evaluation study. <i>Journal of Clinical Pathology</i> , 2021 ,	3.9	4
187	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> , 2021 , 169, 103525	7	12
186	Epidermal growth factor receptor exon 20 insertion variants in non-small cell lung cancer patients. <i>Critical Reviews in Oncology/Hematology</i> , 2021 , 169, 103536	7	0
185	Reliability and reproducibility among different platforms for tumour BRCA testing in ovarian cancer: a study of the Italian NGS Network. <i>Journal of Clinical Pathology</i> , 2021 , 74, 668-672	3.9	1
184	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
183	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
182	RAS as a positive predictive biomarker: focus on lung and colorectal cancer patients. <i>European Journal of Cancer</i> , 2021 , 146, 74-83	7.5	8
181	Next generation sequencing in cytology. <i>Cytopathology</i> , 2021 , 32, 588-595	1.3	6
180	Cytopathology Practice in the COVID-19 Era: Focus on Sample Workload. <i>Journal of Molecular Pathology</i> , 2021 , 2, 109-113	0.4	1
179	Evaluation of a fully closed real time PCR platform for the detection of SARS-CoV-2 in nasopharyngeal swabs: a pilot study. <i>Journal of Clinical Pathology</i> , 2021 ,	3.9	2
178	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

177	PD-L1 and beyond: Immuno-oncology in cytopathology. <i>Cytopathology</i> , 2021 , 32, 596-603	1.3	2
176	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> , 2021 , 6, 100164	6	38
175	Intensive multidisciplinary treatment strategies and patient resilience to challenge long-term survival in metastatic colorectal cancer: a case report in real life and clinical practice. <i>Annals of Translational Medicine</i> , 2021 , 9, 1027	3.2	0
174	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> , 2021 , 6, 100124	6	31
173	Digital Slide Assessment for Programmed Death-Ligand 1 Combined Positive Score in Head and Neck Squamous Carcinoma: Focus on Validation and Vision. <i>Frontiers in Artificial Intelligence</i> , 2021 , 4, 684034	3	1
172	A rapid near-patient RT-PCR test for suspected COVID-19: a study of the diagnostic accuracy. <i>Annals of Translational Medicine</i> , 2021 , 9, 921	3.2	4
171	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
170	Liquid Biopsy Analysis in Clinical Practice: Focus on Lung Cancer. <i>Journal of Molecular Pathology</i> , 2021 , 2, 241-254	0.4	3
169	Circulating tumor DNA in cancer: Predictive molecular pathology meets mathematics. <i>Critical Reviews in Oncology/Hematology</i> , 2021 , 163, 103394	7	1
168	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
167	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
166	Predictive molecular pathology in the time of COVID-19. <i>Journal of Clinical Pathology</i> , 2021 , 74, 234-237	3.9	8
165	Cellular pathology in the COVID-19 era: a European perspective on maintaining quality and safety. <i>Journal of Clinical Pathology</i> , 2021 , 74, 64-66	3.9	7
164	Juggling the COVID-19 pandemic: A cytopathology point of view. <i>Cytopathology</i> , 2021 , 32, 299-303	1.3	4
163	Thyroid cytology smear slides: An untapped resource for ThyroSeq testing. <i>Cancer Cytopathology</i> , 2021 , 129, 33-42	3.9	9
162	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
161	Non-human papilloma virus associated adenocarcinomas of the cervix uteri. Cytologic features and diagnostic agreement using whole slide digital cytology imaging. <i>Diagnostic Cytopathology</i> , 2021 , 49, 316-321	1.4	0
160	Primary dedifferentiated Liposarcoma of vagina: a first case report. <i>Diagnostic Pathology</i> , 2021 , 16, 3	3	2

159	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
158	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
157	Comprehensive genomic profiling of combined small cell lung cancer. <i>Translational Lung Cancer Research</i> , 2021 , 10, 636-650	4.4	4
156	Cytopathology practice during the COVID-19 postlockdown: An Italian experience. <i>Cancer Cytopathology</i> , 2021 , 129, 548-554	3.9	3
155	Next Generation Sequencing in Cytopathology: Focus on Non-Small Cell Lung Cancer. <i>Frontiers in Medicine</i> , 2021 , 8, 633923	4.9	7
154	Clinical and molecular practice of European thoracic pathology laboratories during the COVID-19 pandemic. The past and the near future. <i>ESMO Open</i> , 2021 , 6, 100024	6	4
153	Long-term management of lenvatinib-treated thyroid cancer patients: a real-life experience at a single institution. <i>Endocrine</i> , 2021 , 73, 358-366	4	6
152	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
151	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
150	The role of molecular heterogeneity targeting resistance mechanisms to lung cancer therapies. <i>Expert Review of Molecular Diagnostics</i> , 2021 , 21, 757-766	3.8	1
149	Methods for actionable gene fusion detection in lung cancer: now and in the future. <i>Pharmacogenomics</i> , 2021 , 22, 833-847	2.6	0
148	Real-World Data on NGS Diagnostics: a survey from the Italian Society of Pathology (SIAPeC) NGS Network. <i>Pathologica</i> , 2021 , 113, 262-271	1.9	5
147	Reference standards for gene fusion molecular assays on cytological samples: an international validation study. <i>Journal of Clinical Pathology</i> , 2021 ,	3.9	2
146	Liquid biopsy from research to clinical practice: focus on non-small cell lung cancer. <i>Expert Review of Molecular Diagnostics</i> , 2021 , 21, 1165-1178	3.8	2
145	Evidence-based diagnostic performance of novel biomarkers for the diagnosis of malignant mesothelioma in effusion cytology. <i>Cancer Cytopathology</i> , 2021 ,	3.9	4
144	Mesonephric adenocarcinomas in female genital tract: A case series. <i>Medicine (United States)</i> , 2021 , 100, e27174	1.8	1
143	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
142	Diagnostic mesothelioma biomarkers in effusion cytology. <i>Cancer Cytopathology</i> , 2021 , 129, 506-516	3.9	4

141	Molecular profiling of advanced non-small cell lung cancer in the era of immunotherapy approach: a multicenter Italian observational prospective study of biomarker screening in daily clinical practice. <i>Journal of Clinical Pathology</i> , 2021 ,	3.9	1
140	Tumor mutational burden on cytological samples: A pilot study. <i>Cancer Cytopathology</i> , 2021 , 129, 460-467	3.9	22
139	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	
138	A narrative review of lung cancer cytology in the times of coronavirus: what physicians should know. <i>Translational Lung Cancer Research</i> , 2020 , 9, 2074-2081	4.4	2
137	Harmonization of Next-Generation Sequencing Procedure in Italian Laboratories: A Multi-Institutional Evaluation of the SiRe ² Panel. <i>Frontiers in Oncology</i> , 2020 , 10, 236	5.3	5
136	Thyroid FNA in the time of coronavirus: The interventional cytopathologist point of view. <i>Cancer Cytopathology</i> , 2020 , 128, 589	3.9	10
135	Clinical Multigene Panel Sequencing Identifies Distinct Mutational Association Patterns in Metastatic Colorectal Cancer. <i>Frontiers in Oncology</i> , 2020 , 10, 560	5.3	7
134	Digital Pathology and PD-L1 Testing in Non Small Cell Lung Cancer: A Workshop Record. <i>Cancers</i> , 2020 , 12,	6.6	5
133	Comparison between two different next generation sequencing platforms for clinical relevant gene mutation test in solid tumours. <i>Journal of Clinical Pathology</i> , 2020 , 73, 602-604	3.9	
132	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> , 2020 , 85, 101994	14.4	51
131	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> , 2020 , 16, 87-96	5.5	3
130	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
129	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
128	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
127	Next generation sequencing identifies novel potential actionable mutations for grade I meningioma treatment. <i>Histology and Histopathology</i> , 2020 , 35, 741-749	1.4	4
126	Current prognostic and predictive biomarkers for gastrointestinal tumors in clinical practice. <i>Pathologica</i> , 2020 , 112, 248-259	1.9	11
125	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
124	miR-29b inhibits non-small cell lung cancer progression by targeting STRN4. <i>Human Cell</i> , 2020 , 33, 220-231	3.5	9

123	Evaluation of BRAF, RAS, RET/PTC, and PAX8/PPAR γ 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
122	Understanding EGFR heterogeneity in lung cancer. <i>ESMO Open</i> , 2020 , 5, e000919	6	17
121	How the COVID-19 Pandemic Impacted Oncological Molecular Diagnosis: A Picture from a National Reference Center for Molecular Pathology. <i>BioMed Research International</i> , 2020 , 2020, 8397053	3	3
120	BRAF as a positive predictive biomarker: Focus on lung cancer and melanoma patients. <i>Critical Reviews in Oncology/Hematology</i> , 2020 , 156, 103118	7	9
119	BRAF: A Two-Faced Janus. <i>Cells</i> , 2020 , 9,	7.9	10
118	Mesonephric-like adenocarcinoma of the ovary: A case report and a review of the literature. <i>Medicine (United States)</i> , 2020 , 99, e23450	1.8	5
117	Liquid biopsy for mutations testing in non-small cell lung cancer: a retrospective study. <i>Journal of Clinical Pathology</i> , 2020 ,	3.9	5
116	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
115	KRAS inhibition in non-small cell lung cancer: Past failures, new findings and upcoming challenges. <i>European Journal of Cancer</i> , 2020 , 137, 57-68	7.5	18
114	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
113	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
112	Molecular predictive testing in precision oncology: The Italian experience. <i>Cancer Cytopathology</i> , 2020 , 128, 622-628	3.9	1
111	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
110	Predictive molecular pathology in the time of coronavirus disease (COVID-19) in Europe. <i>Journal of Clinical Pathology</i> , 2020 ,	3.9	12
109	Approach to cytological indeterminate thyroid nodules. <i>Gland Surgery</i> , 2019 , 8, S98-S104	2.2	11
108	A Simplified Genomic Profiling Approach Predicts Outcome in Metastatic Colorectal Cancer. <i>Cancers</i> , 2019 , 11,	6.6	8
107	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> , 2019 , 11, 1758835919846421	5.4	7
106	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

105	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
104	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
103	BRAF Mutations in Lung Cancer. <i>Acta Cytologica</i> , 2019 , 63, 247-250	3	5
102	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
101	Invited review-next-generation sequencing: a modern tool in cytopathology. <i>Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin</i> , 2019 , 475, 3-11	5.1	18
100	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
99	Role of Cytomorphology in the Era of Liquid Biopsy. <i>Acta Cytologica</i> , 2019 , 63, 497-505	3	2
98	Prospective detection of mutations in cerebrospinal fluid, pleural effusion, and ascites of advanced cancer patients to guide treatment decisions. <i>Molecular Oncology</i> , 2019 , 13, 2633-2645	7.9	45
97	Ovarian endometrioid adenocarcinoma a with yolk sac tumor in a 41-year-old woman: a case report. <i>International Journal of Clinical and Experimental Pathology</i> , 2019 , 12, 3549-3554	1.4	2
96	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
95	Analysis of Programmed Death-Ligand 1 Expression, Stromal Tumor-Infiltrating Lymphocytes, and Mismatch Repair Deficiency in Invasive Micropapillary Carcinoma of the Breast. <i>Journal of Immunotherapy and Precision Oncology</i> , 2019 , 2, 130-136	0.6	1
94	Circulating Tumour Cells in Predictive Molecular Pathology: Focus on Drug-Sensitive Assays and 3D Culture. <i>Acta Cytologica</i> , 2019 , 63, 171-181	3	4
93	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> , 2019 , 8, 584-592	4.4	15
92	Liquid Biopsy and Lung Cancer. <i>Acta Cytologica</i> , 2019 , 63, 489-496	3	39
91	RNA-Based Assays 2019 , 99-119		
90	Setting up and exploitation of a nano/technological platform for the evaluation of HMGA1b protein in peripheral blood of cancer patients. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2019 , 15, 231-242	6	3
89	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
88	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

87	Cytological preparations for molecular analysis: A review of technical procedures, advantages and limitations for referring samples for testing. <i>Cytopathology</i> , 2018 , 29, 125-132	1.3	15
86	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
85	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> , 2018 , 142, 253-262	5	79
84	Letter to the Editor. <i>Clinical Lung Cancer</i> , 2018 , 19, e149	4.9	1
83	A review on the Idylla platform: towards the assessment of actionable genomic alterations in one day. <i>Journal of Clinical Pathology</i> , 2018 , 71, 757-762	3.9	30
82	Inhibition of cervical cancer cells by co-culturing with mesenchymal stem cells. <i>International Journal of Clinical and Experimental Pathology</i> , 2018 , 11, 2506-2513	1.4	1
81	Intensive first line FIr-C/FOx-C association of triplet chemotherapy plus cetuximab in RAS wild-type metastatic colorectal cancer patients: Preliminary phase II data and prediction of individual limiting toxicity syndromes by pharmacogenomic biomarkers.. <i>Journal of Clinical Oncology</i> , 2018 , 36, e15517-e15517	2.2	
80	An update on liquid biopsy analysis for diagnostic and monitoring applications in non-small cell lung cancer. <i>Expert Review of Molecular Diagnostics</i> , 2018 , 18, 35-45	3.8	38
79	, 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> , 2018 , 9, 26279-26290	3.3	13
78	The cytopathologist's expanding role in the 2018 updated molecular testing guidelines for lung cancer. <i>Cancer Cytopathology</i> , 2018 , 126, 753-755	3.9	2
77	Evaluation of a novel liquid biopsy-based ColoScope assay for mutational analysis of colorectal neoplasia and triage of FIT+ patients: a pilot study. <i>Journal of Clinical Pathology</i> , 2018 , 71, 1123-1126	3.9	3
76	Atypical carcinoid of the uterine cervix accompanying adenocarcinoma in situ. <i>Journal of Clinical Pathology</i> , 2018 , 71, 1030	3.9	2
75	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
74	Potential involvement of neutrophils in human thyroid cancer. <i>PLoS ONE</i> , 2018 , 13, e0199740	3.7	29
73	Predictive markers in lung cancer: a few hints for the practicing pathologist. <i>Pathologica</i> , 2018 , 110, 29-38g		9
72	USP7 inhibitors, downregulating CCDC6, sensitize lung neuroendocrine cancer cells to PARP-inhibitor drugs. <i>Lung Cancer</i> , 2017 , 107, 41-49	5.9	41
71	Microsatellite instability evaluation by automated microfluidic electrophoresis: an update. <i>Journal of Clinical Pathology</i> , 2017 , 70, 90-91	3.9	9
70	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

69	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
68	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
67	Intra-institutional second opinion diagnosis can reduce unnecessary surgery for indeterminate thyroid FNA: A preliminary report on 34 cases. <i>Cytopathology</i> , 2017 , 28, 254-258	1.3	7
66	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
65	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
64	Urokinase-type plasminogen activator receptor (uPAR) expression enhances invasion and metastasis in RAS mutated tumors. <i>Scientific Reports</i> , 2017 , 7, 9388	4.9	33
63	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
62	MALP-2, an agonist of TLR6, promotes the immune status without affecting the differentiation capacity of umbilical cord mesenchymal stem cells. <i>Experimental and Therapeutic Medicine</i> , 2017 , 14, 5540-5546	2.1	1
61	Improving anti-melanoma effect of curcumin by biodegradable nanoparticles. <i>Oncotarget</i> , 2017 , 8, 108634-108642	3.5	12
60	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
59	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> , 2017 , 6, 373-386	4.4	32
58	Reply to Costs of ALK, ROS1, EGFR, and KRAS testing in non-small cell lung cancer: About different strategies in France. <i>Cancer Cytopathology</i> , 2017 , 125, 877	3.9	
57	ALK and ROS1 testing on lung cancer cytologic samples: Perspectives. <i>Cancer Cytopathology</i> , 2017 , 125, 817-830	3.9	34
56	How to prepare cytological samples for molecular testing. <i>Journal of Clinical Pathology</i> , 2017 , 70, 819-826	3.9	44
55	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> , 2017 , 32, e474-e477	2.8	2
54	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> , 2017 , 18,	6.3	6
53	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> , 2017 , 35, e17577-e17577	2.2	7
52	Parallel sequencing of a 50 genes panel in metastatic colorectal cancer (MCRC) patients (pts) treated with intensive first-line FIr-B/FOx triplet chemotherapy plus bevacizumab (BEV): Preliminary data and clinical outcome.. <i>Journal of Clinical Oncology</i> , 2017 , 35, 644-644	2.2	1

51	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
50	Differential clinical outcome of metastatic colorectal cancer (MCRC) patients (pts) treated with first line FIr-B/FOx adding bevacizumab (BEV) to triplet chemotherapy according to KRAS, NRAS and BRAF genotype detected by massive parallel sequencing.. <i>Journal of Clinical Oncology</i> , 2017 , 35, e15041-e15041	2.2	0
49	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
48	Fully automated PCR detection of KRAS mutations on pancreatic endoscopic ultrasound fine-needle aspirates. <i>Journal of Clinical Pathology</i> , 2016 ,	3.9	26
47	Paclitaxel and Tacrolimus Coencapsulated Polymeric Micelles That Enhance the Therapeutic Effect of Drug-Resistant Ovarian Cancer. <i>ACS Applied Materials & Interfaces</i> , 2016 , 8, 4368-77	9.5	34
46	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
45	UbcH10 overexpression is less pronounced in older colorectal cancer patients. <i>International Journal of Colorectal Disease</i> , 2016 , 31, 1367-8	3	3
44	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	
43	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	
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