

# Francesco Pepe

## 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.

66

papers

722

citations

15

h-index

24

g-index

73

ext. papers

1,043

ext. citations

3.7

avg, IF

4

L-index

#	Paper	IF	Citations
66	Predictive molecular pathology in metastatic thyroid cancer: the role of fusions.. <i>Expert Review of Endocrinology and Metabolism</i> , <b>2022</b> , 1-12	4.1	
65	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
64	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
63	Epidermal growth factor receptor exon 20 insertion variants in non-small cell lung cancer patients. <i>Critical Reviews in Oncology/Hematology</i> , <b>2021</b> , 169, 103536	7	0
62	Molecular Diagnostics: Innovative Technologies for Clinical and Translational Research. <i>UNIPA Springer Series</i> , <b>2021</b> , 137-151	0.1	
61	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
60	Next generation sequencing in cytology. <i>Cytopathology</i> , <b>2021</b> , 32, 588-595	1.3	6
59	Dealing with NSCLC EGFR mutation testing and treatment: A comprehensive review with an Italian real-world perspective. <i>Critical Reviews in Oncology/Hematology</i> , <b>2021</b> , 160, 103300	7	1
58	Next generation sequencing for liquid biopsy based testing in non-small cell lung cancer in 2021. <i>Critical Reviews in Oncology/Hematology</i> , <b>2021</b> , 161, 103311	7	7
57	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> , <b>2021</b> , 9, 1027	3.2	0
56	Molecular Testing of Thyroid Fine-Needle Aspiration: Local Issues and Solutions. An Interventional Cytopathologist Perspective. <i>Journal of Molecular Pathology</i> , <b>2021</b> , 2, 233-240	0.4	1
55	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
54	Circulating tumor DNA in cancer: Predictive molecular pathology meets mathematics. <i>Critical Reviews in Oncology/Hematology</i> , <b>2021</b> , 163, 103394	7	1
53	Predictive molecular pathology in the time of COVID-19. <i>Journal of Clinical Pathology</i> , <b>2021</b> , 74, 234-237	3.9	8
52	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
51	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
50	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

49	The role of molecular heterogeneity targeting resistance mechanisms to lung cancer therapies. <i>Expert Review of Molecular Diagnostics</i> , <b>2021</b> , 21, 757-766	3.8	1
48	Methods for actionable gene fusion detection in lung cancer: now and in the future. <i>Pharmacogenomics</i> , <b>2021</b> , 22, 833-847	2.6	0
47	Reference standards for gene fusion molecular assays on cytological samples: an international validation study. <i>Journal of Clinical Pathology</i> , <b>2021</b> ,	3.9	2
46	A narrative review on the implementation of liquid biopsy as a diagnostic tool in thoracic tumors during the COVID-19 pandemic.. <i>Mediastinum</i> , <b>2021</b> , 5, 27	0.5	6
45	Tumor mutational burden on cytological samples: A pilot study. <i>Cancer Cytopathology</i> , <b>2021</b> , 129, 460-467	3.9	22
44	Fine-Needle Aspiration Is Suitable for Breast Cancer BRCA Molecular Assessment: A Case Report. <i>Journal of Molecular Pathology</i> , <b>2021</b> , 2, 319-324	0.4	
43	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
42	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
41	Comparison between two different next generation sequencing platforms for clinical relevant gene mutation test in solid tumours. <i>Journal of Clinical Pathology</i> , <b>2020</b> , 73, 602-604	3.9	
40	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
39	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
38	Cytology meets next generation sequencing and liquid biopsy: A case of lung adenocarcinoma presenting as metastasis to the phalanx. <i>Diagnostic Cytopathology</i> , <b>2020</b> , 48, 759-764	1.4	2
37	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
36	Understanding EGFR heterogeneity in lung cancer. <i>ESMO Open</i> , <b>2020</b> , 5, e000919	6	17
35	Concomitant Rare KRAS and BRAF Mutations in Lung Adenocarcinoma: A Case Report. <i>Journal of Molecular Pathology</i> , <b>2020</b> , 1, 36-42	0.4	0
34	BRAF: A Two-Faced Janus. <i>Cells</i> , <b>2020</b> , 9,	7.9	10
33	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
32	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

31	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
30	Mismatch repair proteins and microsatellite instability in solid pseudopapillary neoplasm of the pancreas. <i>Hepatobiliary and Pancreatic Diseases International</i> , <b>2019</b> , 18, 491-492	2.1	
29	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
28	Pathology in non-small cell lung cancer: evolving scenario. <i>Precision Cancer Medicine</i> , <b>2019</b> , 2, 17-17	1	
27	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
26	BRAF Mutations in Lung Cancer. <i>Acta Cytologica</i> , <b>2019</b> , 63, 247-250	3	5
25	Microfluidic chip technology applied to fine-needle aspiration cytology samples for IGH clonality assessment. <i>Diagnostic Cytopathology</i> , <b>2019</b> , 47, 749-757	1.4	2
24	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
23	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> , <b>2019</b> , 2, 130-136	0.6	1
22	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
21	DNA-Based Sequencing Assays <b>2019</b> , 83-97		
20	RNA-Based Assays <b>2019</b> , 99-119		
19	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> , <b>2019</b> , 15, 231-242	6	3
18	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
17	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
16	Osimertinib. <i>Recent Results in Cancer Research</i> , <b>2018</b> , 211, 257-276	1.5	14
15	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> , <b>2018</b> , 36, e15517-e15517	2.2	
14	, 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

13	Evaluation of a novel liquid biopsy-based ColoScape assay for mutational analysis of colorectal neoplasia and triage of FIT+ patients: a pilot study. <i>Journal of Clinical Pathology</i> , <b>2018</b> , 71, 1123-1126	3.9	3
12	Microsatellite instability evaluation by automated microfluidic electrophoresis: an update. <i>Journal of Clinical Pathology</i> , <b>2017</b> , 70, 90-91	3.9	9
11	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
10	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
9	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
8	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
7	ALK and ROS1 testing on lung cancer cytologic samples: Perspectives. <i>Cancer Cytopathology</i> , <b>2017</b> , 125, 817-830	3.9	34
6	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> , <b>2017</b> , 35, 644-644	2.2	1
5	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> , <b>2017</b> , 8, 23020-23032	3.3	26
4	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> , <b>2017</b> , 35, e15041-e15041	2.2	0
3	Combined inhibition of Hsp90 and heme oxygenase-1 induces apoptosis and endoplasmic reticulum stress in melanoma. <i>Acta Histochemica</i> , <b>2015</b> , 117, 705-11	2	17
2	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
1	EGFR mutation detection by microfluidic technology: a validation study. <i>Journal of Clinical Pathology</i> , <b>2013</b> , 66, 982-4	3.9	11