

Iacopo Petrini

List of Publications by Citations

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73
papers

1,945
citations

23
h-index

42
g-index

91
ext. papers

2,359
ext. citations

5.7
avg, IF

4.42
L-index

#	Paper	IF	Citations
73	PTEN expression and KRAS mutations on primary tumors and metastases in the prediction of benefit from cetuximab plus irinotecan for patients with metastatic colorectal cancer. <i>Journal of Clinical Oncology</i> , 2009 , 27, 2622-9	2.2	368
72	A specific missense mutation in GTF2I occurs at high frequency in thymic epithelial tumors. <i>Nature Genetics</i> , 2014 , 46, 844-9	36.3	130
71	PD-L1 mRNA expression in plasma-derived exosomes is associated with response to anti-PD-1 antibodies in melanoma and NSCLC. <i>British Journal of Cancer</i> , 2018 , 118, 820-824	8.7	117
70	MicroRNA expression and clinical outcomes in patients treated with adjuvant chemotherapy after complete resection of non-small cell lung carcinoma. <i>Cancer Research</i> , 2010 , 70, 8288-98	10.1	108
69	Thymic malignancies: from clinical management to targeted therapies. <i>Journal of Clinical Oncology</i> , 2011 , 29, 4820-7	2.2	100
68	Mutations of epigenetic regulatory genes are common in thymic carcinomas. <i>Scientific Reports</i> , 2014 , 4, 7336	4.9	85
67	Contribution of KRAS mutations and c.2369C > T (p.T790M) EGFR to acquired resistance to EGFR-TKIs in EGFR mutant NSCLC: a study on circulating tumor DNA. <i>Oncotarget</i> , 2017 , 8, 13611-13619	3.3	66
66	Phase II trial of sorafenib in combination with 5-fluorouracil infusion in advanced hepatocellular carcinoma. <i>Cancer Chemotherapy and Pharmacology</i> , 2012 , 69, 773-80	3.5	48
65	Expression and mutational status of c-kit in thymic epithelial tumors. <i>Journal of Thoracic Oncology</i> , 2010 , 5, 1447-53	8.9	48
64	The mitochondrial citrate carrier, SLC25A1, drives stemness and therapy resistance in non-small cell lung cancer. <i>Cell Death and Differentiation</i> , 2018 , 25, 1239-1258	12.7	47
63	Are MSCs angiogenic cells? New insights on human nestin-positive bone marrow-derived multipotent cells. <i>Frontiers in Cell and Developmental Biology</i> , 2014 , 2, 20	5.7	45
62	Insulin-like growth factor-1 receptor and phosphorylated AKT-serine 473 expression in 132 resected thymomas and thymic carcinomas. <i>Cancer</i> , 2010 , 116, 4686-95	6.4	43
61	Copy number aberrations of BCL2 and CDKN2A/B identified by array-CGH in thymic epithelial tumors. <i>Cell Death and Disease</i> , 2012 , 3, e351	9.8	42
60	Detection of ALK and KRAS Mutations in Circulating Tumor DNA of Patients With Advanced ALK-Positive NSCLC With Disease Progression During Crizotinib Treatment. <i>Clinical Lung Cancer</i> , 2017 , 18, 692-697	4.9	36
59	Understanding the Mechanisms of Resistance in -Positive NSCLC: From Tissue to Liquid Biopsy to Guide Treatment Strategy. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	33
58	Biology of MET: a double life between normal tissue repair and tumor progression. <i>Annals of Translational Medicine</i> , 2015 , 3, 82	3.2	32
57	Reproducibility of the WHO classification of thymomas: practical implications. <i>Lung Cancer</i> , 2013 , 79, 236-41	5.9	30

56	Real-Time PCR and Droplet Digital PCR: two techniques for detection of the JAK2(V617F) mutation in Philadelphia-negative chronic myeloproliferative neoplasms. <i>International Journal of Laboratory Hematology</i> , 2015 , 37, 766-73	2.5	29
55	From the beginning to resistance: Study of plasma monitoring and resistance mechanisms in a cohort of patients treated with osimertinib for advanced T790M-positive NSCLC. <i>Lung Cancer</i> , 2019 , 131, 78-85	5.9	28
54	A multicenter phase II study of the combination of oxaliplatin, irinotecan and capecitabine in the first-line treatment of metastatic colorectal cancer. <i>British Journal of Cancer</i> , 2009 , 100, 1720-4	8.7	27
53	Implications of KRAS mutations in acquired resistance to treatment in NSCLC. <i>Oncotarget</i> , 2018 , 9, 6630-6643	5.43	26
52	The amount of activating EGFR mutations in circulating cell-free DNA is a marker to monitor osimertinib response. <i>British Journal of Cancer</i> , 2018 , 119, 1252-1258	8.7	26
51	ED-B fibronectin expression is a marker of epithelial-mesenchymal transition in translational oncology. <i>Oncotarget</i> , 2017 , 8, 4914-4921	3.3	25
50	Systemic therapy, clinical outcomes, and overall survival in locally advanced or metastatic pulmonary carcinoid: a brief report. <i>Journal of Thoracic Oncology</i> , 2014 , 9, 414-8	8.9	23
49	Whole genome and transcriptome sequencing of a B3 thymoma. <i>PLoS ONE</i> , 2013 , 8, e60572	3.7	21
48	Mesenchymal cells inhibit expansion but not cytotoxicity exerted by gamma-delta T cells. <i>European Journal of Clinical Investigation</i> , 2009 , 39, 813-8	4.6	21
47	Copy number aberrations of genes regulating normal thymus development in thymic epithelial tumors. <i>Clinical Cancer Research</i> , 2013 , 19, 1960-71	12.9	20
46	Loss of 18q22.3 involving the carboxypeptidase of glutamate-like gene is associated with poor prognosis in resected pancreatic cancer. <i>Clinical Cancer Research</i> , 2012 , 18, 524-33	12.9	19
45	The Droplet Digital PCR: A New Valid Molecular Approach for the Assessment of V600E Mutation in Hairy Cell Leukemia. <i>Frontiers in Pharmacology</i> , 2016 , 7, 363	5.6	17
44	Best practices for the management of thymic epithelial tumors: A position paper by the Italian collaborative group for ThYmic MalignanciEs (TYME). <i>Cancer Treatment Reviews</i> , 2018 , 71, 76-87	14.4	17
43	Molecular analysis of cell-free circulating DNA for the diagnosis of somatic mutations associated with resistance to tyrosine kinase inhibitors in non-small-cell lung cancer. <i>Expert Review of Molecular Diagnostics</i> , 2014 , 14, 453-68	3.8	16
42	Impaired function of gamma-delta lymphocytes in melanoma patients. <i>European Journal of Clinical Investigation</i> , 2011 , 41, 1186-94	4.6	15
41	NUT rearrangement is uncommon in human thymic epithelial tumors. <i>Journal of Thoracic Oncology</i> , 2012 , 7, 744-50	8.9	15
40	Triplet combination of fluoropyrimidines, oxaliplatin, and irinotecan in the first-line treatment of metastatic colorectal cancer. <i>Clinical Colorectal Cancer</i> , 2008 , 7, 7-14	3.8	15
39	Incidence of T790M in Patients With NSCLC Progressed to Gefitinib, Erlotinib, and Afatinib: A Study on Circulating Cell-free DNA. <i>Clinical Lung Cancer</i> , 2020 , 21, 232-237	4.9	15

38	EGFR-TKIs in non-small-cell lung cancer: focus on clinical pharmacology and mechanisms of resistance. <i>Pharmacogenomics</i> , 2018 , 19, 727-740	2.6	15
37	Different gamma/delta T clones sustain GVM and GVH effects in multiple myeloma patients after non-myeloablative transplantation. <i>Leukemia Research</i> , 2006 , 30, 529-35	2.7	13
36	Evaluation of PTEN expression in colorectal cancer (CRC) metastases (mets) and in primary tumors as predictors of activity of cetuximab plus irinotecan treatment. <i>Journal of Clinical Oncology</i> , 2008 , 26, 4003-4003	2.2	13
35	erbB in NSCLC as a molecular target: current evidences and future directions. <i>ESMO Open</i> , 2020 , 5,	6	12
34	The increase in activating EGFR mutation in plasma is an early biomarker to monitor response to osimertinib: a case report. <i>BMC Cancer</i> , 2019 , 19, 410	4.8	11
33	RELEVANT Trial: Phase II Trial of Ramucirumab, Carboplatin, and Paclitaxel in Previously Untreated Thymic Carcinoma/B3 Thymoma With Area of Carcinoma. <i>Clinical Lung Cancer</i> , 2018 , 19, e811-e814	4.9	10
32	Human adult mesangiogenic progenitor cells reveal an early angiogenic potential, which is lost after mesengenic differentiation. <i>Stem Cell Research and Therapy</i> , 2017 , 8, 106	8.3	9
31	Integrating Liquid Biopsy and Radiomics to Monitor Clonal Heterogeneity of EGFR-Positive Non-Small Cell Lung Cancer. <i>Frontiers in Oncology</i> , 2020 , 10, 593831	5.3	9
30	Surgical treatment of pleural recurrence of thymoma: is hyperthermic intrathoracic chemotherapy worthwhile?. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2020 , 30, 765-772	1.8	8
29	Third-Line Chemotherapy with Irinotecan plus 5-Fluorouracil in Caucasian Metastatic Gastric Cancer Patients. <i>Oncology</i> , 2016 , 91, 311-316	3.6	8
28	Patients with NSCLC may display a low ratio of p.T790M activating EGFR mutations in plasma at disease progression: implications for personalised treatment. <i>Oncotarget</i> , 2017 , 8, 86056-86065	3.3	8
27	A multiparametric approach to improve the prediction of response to immunotherapy in patients with metastatic NSCLC. <i>Cancer Immunology, Immunotherapy</i> , 2021 , 70, 1667-1678	7.4	8
26	EGFR and AKT1 overexpression are mutually exclusive and associated with a poor survival in resected gastric adenocarcinomas. <i>Cancer Biomarkers</i> , 2018 , 21, 731-741	3.8	7
25	Arsenic trioxide and ascorbic acid interfere with the BCL2 family genes in patients with myelodysplastic syndromes: an ex-vivo study. <i>Journal of Hematology and Oncology</i> , 2012 , 5, 53	22.4	7
24	Mutations Are Common in Thymic Epithelial Tumors But Not in Hematological Malignancies. <i>Anticancer Research</i> , 2017 , 37, 5459-5462	2.3	7
23	Nanopore sequencing from liquid biopsy: analysis of copy number variations from cell-free DNA of lung cancer patients. <i>Molecular Cancer</i> , 2021 , 20, 32	42.1	7
22	Myelodysplastic syndromes: advantages of a combined cytogenetic and molecular diagnostic workup. <i>Oncotarget</i> , 2017 , 8, 79188-79200	3.3	5
21	Recent advances in epigenomics in NSCLC: real-time detection and therapeutic implications. <i>Epigenomics</i> , 2016 , 8, 1151-67	4.4	5

20	Growth Factor Content in Human Sera Affects the Isolation of Mesangiogenic Progenitor Cells (MPCs) from Human Bone Marrow. <i>Frontiers in Cell and Developmental Biology</i> , 2016 , 4, 114	5.7	4
19	Medical treatment of malignant pleural mesothelioma relapses. <i>Journal of Thoracic Disease</i> , 2018 , 10, S333-S341	2.6	4
18	Thymectomy in Myasthenic Patients With Thymoma: Killing Two Birds With One Stone. <i>Annals of Thoracic Surgery</i> , 2021 , 112, 1782-1789	2.7	4
17	Treatment-driven tumour heterogeneity and drug resistance: Lessons from solid tumours.. <i>Cancer Treatment Reviews</i> , 2022 , 104, 102340	14.4	2
16	Phase II Study of the Combination of Interleukin-2 with Zoledronic Acid As Maintenance Therapy Following Autologous Stem Cell Transplant in Patients with Multiple Myeloma. <i>Blood</i> , 2016 , 128, 5697-5697	2.2	2
15	Combining liquid biopsy and radiomics for personalized treatment of lung cancer patients. State of the art and new perspectives. <i>Pharmacological Research</i> , 2021 , 169, 105643	10.2	2
14	Nanotopography Induced Human Bone Marrow (MPCs) to (MSCs) Transition. <i>Frontiers in Cell and Developmental Biology</i> , 2016 , 4, 144	5.7	2
13	ED-B-Containing Isoform of Fibronectin in Tumor Microenvironment of Thymomas: A Target for a Theragnostic Approach. <i>Cancers</i> , 2022 , 14, 2592	6.6	2
12	CD57 and T-cell receptor expression in nodal metastatic spread of melanoma. <i>European Journal of Clinical Investigation</i> , 2012 , 42, 575-6	4.6	1
11	Multiple Resistance Mechanisms to Tyrosine Kinase Inhibitors in EGFR Mutated Lung Adenocarcinoma: A Case Report Harboring EGFR Mutations, MET Amplification, and Squamous Cell Transformation. <i>Frontiers in Oncology</i> , 2021 , 11, 674604	5.3	1
10	Hypertermic Intrathoracic Chemotherapy (HITHOC) for thymoma: a narrative review on indications and results. <i>Annals of Translational Medicine</i> , 2021 , 9, 957	3.2	1
9	Phase II Trial of Maintenance Treatment With IL2 and Zoledronate in Multiple Myeloma After Bone Marrow Transplantation: Biological and Clinical Results. <i>Frontiers in Immunology</i> , 2020 , 11, 573156	8.4	1
8	Stereotactic body radiation therapy for the treatment of pleural metastases in patients with thymoma: a retrospective review of 22 patients.. <i>Journal of Thoracic Disease</i> , 2021 , 13, 6373-6380	2.6	
7	Association of PD-L1 mRNA levels in plasma-derived exosomes with response to nivolumab and pembrolizumab in melanoma and NSCLC.. <i>Journal of Clinical Oncology</i> , 2018 , 36, 210-210	2.2	
6	Integrating liquid biopsy with advanced imaging analysis to improve the prediction of response to immunotherapy in patients with NSCLC.. <i>Journal of Clinical Oncology</i> , 2019 , 37, e14054-e14054	2.2	
5	Progression free survival and time to local failure after radiosurgery of pleural metastases in twenty-two patients with thymomas.. <i>Journal of Clinical Oncology</i> , 2019 , 37, 8565-8565	2.2	
4	Association of KRAS mutations in cell-free circulating tumor DNA with occurrence of resistance to TKIs in NSCLC.. <i>Journal of Clinical Oncology</i> , 2014 , 32, 11056-11056	2.2	
3	Comparison of Real-Time PCR and Droplet Digital PCR for the Determination of JAK2V617F Mutation in PhSNegative Myeloproliferative Neoplasms. <i>Blood</i> , 2014 , 124, 5548-5548	2.2	

- 2 Myelodysplastic Syndromes: A Multidisciplinary Integrated Diagnostic Work-up for PatientsSRisk Stratification. *Blood*, **2014**, 124, 5579-5579 2.2
- 1 KRAS mutations as potential mechanism of crizotinib acquired resistance: a study on circulating tumor DNA.. *Journal of Clinical Oncology*, **2016**, 34, e20526-e20526 2.2