

Katsuhiko Naoki

List of Publications by Citations

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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.

101
papers

12,563
citations

29
h-index

112
g-index

116
ext. papers

13,799
ext. citations

5
avg. IF

5.03
L-index

#	Paper	IF	Citations
101	EGFR mutations in lung cancer: correlation with clinical response to gefitinib therapy. <i>Science</i> , 2004 , 304, 1497-500	33.3	7937
100	Gene expression-based survival prediction in lung adenocarcinoma: a multi-site, blinded validation study. <i>Nature Medicine</i> , 2008 , 14, 822-7	50.5	835
99	Functional expression and mutations of c-Met and its therapeutic inhibition with SU11274 and small interfering RNA in non-small cell lung cancer. <i>Cancer Research</i> , 2005 , 65, 1479-88	10.1	470
98	Activating mutations of the noonan syndrome-associated SHP2/PTPN11 gene in human solid tumors and adult acute myelogenous leukemia. <i>Cancer Research</i> , 2004 , 64, 8816-20	10.1	404
97	Prognostic and predictive gene signature for adjuvant chemotherapy in resected non-small-cell lung cancer. <i>Journal of Clinical Oncology</i> , 2010 , 28, 4417-24	2.2	350
96	Homozygous deletions and chromosome amplifications in human lung carcinomas revealed by single nucleotide polymorphism array analysis. <i>Cancer Research</i> , 2005 , 65, 5561-70	10.1	285
95	Gene expression profiling reveals reproducible human lung adenocarcinoma subtypes in multiple independent patient cohorts. <i>Journal of Clinical Oncology</i> , 2006 , 24, 5079-90	2.2	207
94	Missense mutations of the BRAF gene in human lung adenocarcinoma. <i>Cancer Research</i> , 2002 , 62, 7001-3	10.1	186
93	Activation of the FGF2-FGFR1 autocrine pathway: a novel mechanism of acquired resistance to gefitinib in NSCLC. <i>Molecular Cancer Research</i> , 2013 , 11, 759-67	6.6	155
92	Hypercapnic acidosis attenuates endotoxin-induced nuclear factor- κ B activation. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2003 , 29, 124-32	5.7	134
91	Deregulation of histone lysine methyltransferases contributes to oncogenic transformation of human bronchoepithelial cells. <i>Cancer Cell International</i> , 2008 , 8, 15	6.4	120
90	Interlaboratory comparability study of cancer gene expression analysis using oligonucleotide microarrays. <i>Clinical Cancer Research</i> , 2005 , 11, 565-72	12.9	116
89	In vitro modeling to determine mutation specificity of EGFR tyrosine kinase inhibitors against clinically relevant EGFR mutants in non-small-cell lung cancer. <i>Oncotarget</i> , 2015 , 6, 38789-803	3.3	104
88	Amplification of EGFR Wild-Type Alleles in Non-Small Cell Lung Cancer Cells Confers Acquired Resistance to Mutation-Selective EGFR Tyrosine Kinase Inhibitors. <i>Cancer Research</i> , 2017 , 77, 2078-2089	10.1	82
87	Identification of microRNAs differentially expressed between lung squamous cell carcinoma and lung adenocarcinoma. <i>Molecular Medicine Reports</i> , 2013 , 8, 456-62	2.9	51
86	Mimicking the niche of lung epithelial stem cells and characterization of several effectors of their in vitro behavior. <i>Stem Cell Research</i> , 2015 , 15, 109-21	1.6	49
85	Differential contribution of various adhesion molecules to leukocyte kinetics in pulmonary microvessels of hyperoxia-exposed rat lungs. <i>American Journal of Respiratory and Critical Care Medicine</i> , 1998 , 157, 599-609	10.2	46

84	Roles of ICAM-1 for abnormal leukocyte recruitment in the microcirculation of bleomycin-induced fibrotic lung injury. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2000 , 161, 1681-8	10.2	45
83	The PCR-invader method (structure-specific 5Pnuclease-based method), a sensitive method for detecting EGFR gene mutations in lung cancer specimens; comparison with direct sequencing. <i>International Journal of Clinical Oncology</i> , 2011 , 16, 335-44	4.2	43
82	Activation of EGFR Bypass Signaling by TGFβ Overexpression Induces Acquired Resistance to Alectinib in ALK-Translocated Lung Cancer Cells. <i>Molecular Cancer Therapeutics</i> , 2016 , 15, 162-71	6.1	38
81	An alternative method for screening EGFR mutation using RFLP in non-small cell lung cancer patients. <i>Journal of Thoracic Oncology</i> , 2008 , 3, 1096-103	8.9	38
80	Real-world Efficacy and Safety of Nivolumab for Advanced Non-Small-cell Lung Cancer: A Retrospective Multicenter Analysis. <i>Clinical Lung Cancer</i> , 2018 , 19, e349-e358	4.9	36
79	Expression of fibroblast growth factor 9 is associated with poor prognosis in patients with resected non-small cell lung cancer. <i>Lung Cancer</i> , 2014 , 83, 90-6	5.9	36
78	Overcoming EGFR Bypass Signal-Induced Acquired Resistance to ALK Tyrosine Kinase Inhibitors in ALK-Translocated Lung Cancer. <i>Molecular Cancer Research</i> , 2017 , 15, 106-114	6.6	36
77	Plasma platelet-activating factor acetylhydrolase deficiency in Japanese patients with asthma. <i>American Journal of Respiratory and Critical Care Medicine</i> , 1999 , 159, 974-9	10.2	34
76	Claudin-1 is a novel target of miR-375 in non-small-cell lung cancer. <i>Lung Cancer</i> , 2014 , 85, 366-72	5.9	32
75	Molecular dynamics simulation-guided drug sensitivity prediction for lung cancer with rare mutations. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019 , 116, 10025-10030	11.5	30
74	Effect of steroid on hyperoxia-induced ICAM-1 expression in pulmonary endothelial cells. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2000 , 278, L245-52	5.8	29
73	Response of intra-acinar pulmonary microvessels to hypoxia, hypercapnic acidosis, and isocapnic acidosis. <i>Circulation Research</i> , 1998 , 82, 722-8	15.7	29
72	Efficacy of afatinib or osimertinib plus cetuximab combination therapy for non-small-cell lung cancer with EGFR exon 20 insertion mutations. <i>Lung Cancer</i> , 2019 , 127, 146-152	5.9	29
71	Characterization of the efficacies of osimertinib and nazartinib against cells expressing clinically relevant epidermal growth factor receptor mutations. <i>Oncotarget</i> , 2017 , 8, 105479-105491	3.3	27
70	Clinical and pathological characteristics of EGFR mutation in operable early-stage lung adenocarcinoma. <i>Lung Cancer</i> , 2017 , 109, 45-51	5.9	26
69	A combination chemotherapy of carboplatin and irinotecan with granulocyte colony-stimulating factor (G-CSF) support in elderly patients with small cell lung cancer. <i>Lung Cancer</i> , 2006 , 53, 197-203	5.9	25
68	Variant CD44 expression is enriching for a cell population with cancer stem cell-like characteristics in human lung adenocarcinoma. <i>Journal of Cancer</i> , 2017 , 8, 1774-1785	4.5	23
67	The combination of multiple receptor tyrosine kinase inhibitor and mammalian target of rapamycin inhibitor overcomes erlotinib resistance in lung cancer cell lines through c-Met inhibition. <i>Molecular Cancer Research</i> , 2010 , 8, 1142-51	6.6	22

66	FOXD1 expression is associated with poor prognosis in non-small cell lung cancer. <i>Anticancer Research</i> , 2015 , 35, 261-8	2.3	21
65	Characterization of the cell of origin and propagation potential of the fibroblast growth factor 9-induced mouse model of lung adenocarcinoma. <i>Journal of Pathology</i> , 2015 , 235, 593-605	9.4	20
64	A Case of Non-Small Cell Lung Cancer with Possible "Disease Flare" on Nivolumab Treatment. <i>Case Reports in Oncological Medicine</i> , 2016 , 2016, 1075641	0.9	20
63	Prognostic significance of G6PD expression and localization in lung adenocarcinoma. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2019 , 1867, 38-46	4	19
62	Effects of hypercapnia and hypocapnia on [Ca ²⁺] _i mobilization in human pulmonary artery endothelial cells. <i>Journal of Applied Physiology</i> , 2001 , 90, 2094-100	3.7	19
61	Pharmacological and Structural Characterizations of Naquotinib, a Novel Third-Generation EGFR Tyrosine Kinase Inhibitor, in -Mutated Non-Small Cell Lung Cancer. <i>Molecular Cancer Therapeutics</i> , 2018 , 17, 740-750	6.1	18
60	Prognostic implication of PTPRH hypomethylation in non-small cell lung cancer. <i>Oncology Reports</i> , 2015 , 34, 1137-45	3.5	18
59	Bronchoscopic microsampling is a useful complementary diagnostic tool for detecting lung cancer. <i>Lung Cancer</i> , 2011 , 72, 32-8	5.9	17
58	Tumor associated macrophages support the growth of FGF9-induced lung adenocarcinoma by multiple mechanisms. <i>Lung Cancer</i> , 2018 , 119, 25-35	5.9	16
57	Prognostic Understanding at Diagnosis and Associated Factors in Patients with Advanced Lung Cancer and Their Caregivers. <i>Oncologist</i> , 2018 , 23, 1218-1229	5.7	15
56	Prognostic significance of the 8th edition of the TNM classification for patients with extensive disease small cell lung cancer. <i>Cancer Management and Research</i> , 2018 , 10, 6039-6047	3.6	15
55	PAF responsiveness in Japanese subjects with plasma PAF acetylhydrolase deficiency. <i>Biochemical and Biophysical Research Communications</i> , 2004 , 317, 205-10	3.4	14
54	Comparison of detection methods of T790M mutations using plasma, serum, and tumor tissue in EGFR-TKI-resistant non-small cell lung cancer. <i>OncoTargets and Therapy</i> , 2018 , 11, 3335-3343	4.4	13
53	Multiple roles of extracellular fibroblast growth factors in lung cancer cells. <i>International Journal of Oncology</i> , 2015 , 46, 423-9	4.4	13
52	Methylation-induced downregulation of TFPI-2 causes TMPRSS4 overexpression and contributes to oncogenesis in a subset of non-small-cell lung carcinoma. <i>Cancer Science</i> , 2015 , 106, 34-42	6.9	12
51	Radiologic features of precancerous areas of the lungs in chronic obstructive pulmonary disease. <i>International Journal of COPD</i> , 2017 , 12, 1613-1624	3	12
50	Bacillus cereus necrotizing pneumonia in a patient with nephrotic syndrome. <i>Internal Medicine</i> , 2013 , 52, 101-4	1.1	12
49	Impaired hypoxic vasoconstriction in intraacinar microvasculature in hyperoxia-exposed rat lungs. <i>American Journal of Respiratory and Critical Care Medicine</i> , 1998 , 158, 602-9	10.2	10

48	Development of Necrotizing Myopathy Following Interstitial Lung Disease with Anti-signal Recognition Particle Antibody. <i>Internal Medicine</i> , 2018 , 57, 2045-2049	1.1	10
47	Comparison of carboplatin plus etoposide with amrubicin monotherapy for extensive-disease small cell lung cancer in the elderly and patients with poor performance status. <i>Thoracic Cancer</i> , 2018 , 9, 967-973	3.2	9
46	Erlotinib as second- or third-line treatment in elderly patients with advanced non-small cell lung cancer: Keio Lung Oncology Group Study 001 (KLOG001). <i>Molecular and Clinical Oncology</i> , 2017 , 6, 409-414	1.6	8
45	Evaluation of osimertinib efficacy according to body surface area and body mass index in patients with non-small cell lung cancer harboring an EGFR mutation: A prospective observational study. <i>Thoracic Cancer</i> , 2019 , 10, 880-889	3.2	8
44	Impact of neutrophil-to-lymphocyte ratio in patients with EGFR-mutant NSCLC treated with tyrosine kinase inhibitors. <i>Investigational New Drugs</i> , 2020 , 38, 885-893	4.3	8
43	Long-term exposure to gefitinib induces acquired resistance through DNA methylation changes in the EGFR-mutant PC9 lung cancer cell line. <i>International Journal of Oncology</i> , 2015 , 46, 430-6	4.4	8
42	Impact of genotype on the efficacy of osimertinib in tyrosine kinase inhibitor-resistant patients with non-small cell lung cancer: a prospective observational study. <i>Cancer Management and Research</i> , 2019 , 11, 4883-4892	3.6	7
41	Smoking History as a Predictor of Epidermal Growth Factor Receptor Tyrosine Kinase Inhibitors in Patients with Non-Small Cell Lung Cancer Harboring EGFR Mutations. <i>Oncology</i> , 2018 , 95, 109-115	3.6	7
40	Amrubicin monotherapy for elderly patients with relapsed extensive-disease small-cell lung cancer: A retrospective study. <i>Thoracic Cancer</i> , 2018 , 9, 1279-1284	3.2	7
39	Non-small cell lung cancer PC-9 cells exhibit increased sensitivity to gemcitabine and vinorelbine upon acquiring resistance to EGFR-tyrosine kinase inhibitors. <i>Oncology Letters</i> , 2017 , 14, 3559-3565	2.6	7
38	Phase I/II study of induction chemotherapy using carboplatin plus irinotecan and sequential thoracic radiotherapy (TRT) for elderly patients with limited-disease small-cell lung cancer (LD-SCLC): TORG 0604. <i>BMC Cancer</i> , 2017 , 17, 377	4.8	7
37	Clinicopathological and prognostic significance of nuclear UGDH localization in lung adenocarcinoma. <i>Biomedical Research</i> , 2019 , 40, 17-27	1.5	6
36	A phase II study of biweekly paclitaxel and carboplatin in elderly patients with advanced non-small cell lung cancer. <i>Cancer Chemotherapy and Pharmacology</i> , 2015 , 75, 513-9	3.5	6
35	Nitric oxide differentially attenuates microvessel response to hypoxia and hypercapnia in injured lungs. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 1999 , 277, R181-9	3.2	5
34	Prognostic significance of NAP1L1 expression in patients with early lung adenocarcinoma. <i>Biomedical Research</i> , 2020 , 41, 149-159	1.5	5
33	Successful treatment of non-small-cell lung cancer with afatinib and a glucocorticoid following gefitinib- and erlotinib-induced interstitial lung disease: A case report. <i>Molecular and Clinical Oncology</i> , 2016 , 5, 488-490	1.6	5
32	EGFR-mutant Non-small Cell Lung Cancer Accompanied by Transient Asymptomatic Pulmonary Opacities Successfully Treated with "Stop-And-Go" Osimertinib. <i>Internal Medicine</i> , 2018 , 57, 1007-1010	1.1	5
31	TRAP1 is a predictive biomarker of platinum-based adjuvant chemotherapy benefits in patients with resected lung adenocarcinoma. <i>Biomedical Research</i> , 2020 , 41, 53-65	1.5	4

30	Dose-escalating and pharmacokinetic study of a weekly combination of paclitaxel and carboplatin for inoperable non-small cell lung cancer: JCOG 9910-DI. <i>Japanese Journal of Clinical Oncology</i> , 2009 , 39, 569-75	2.8	4
29	Effects of active vasoconstriction and total flow on perfusion distribution in the rabbit lung. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 1997 , 273, R1465-73 ^{3,2}		4
28	Targeted Therapy-induced Facial Skin Toxicities: Impact on Quality of Life in Cancer Patients. <i>Asia-Pacific Journal of Oncology Nursing</i> , 2018 , 5, 172-177	2.2	4
27	Hyperoxia and hypercapnic acidosis differentially alter nuclear factor-kappa B activation in human pulmonary artery endothelial cells. <i>Advances in Experimental Medicine and Biology</i> , 1999 , 471, 265-70	3.6	4
26	A Phase II study of S-1 and irinotecan combination therapy in previously treated patients with advanced non-small cell lung cancer. <i>Japanese Journal of Clinical Oncology</i> , 2015 , 45, 356-61	2.8	3
25	Real-world assessment of afatinib for patients with EGFR-positive non-small cell lung cancer. <i>Investigational New Drugs</i> , 2020 , 38, 1906-1914	4.3	3
24	A prospective cohort study of patients with non-squamous non-small cell lung cancer treated with bevacizumab. <i>Oncology Letters</i> , 2017 , 13, 3285-3290	2.6	2
23	Prognostic significance of IMMT expression in surgically-resected lung adenocarcinoma. <i>Thoracic Cancer</i> , 2019 , 10, 2142-2151	3.2	2
22	Survival and prognostic factors in elderly patients receiving second-line chemotherapy for relapsed small-cell lung cancer: Results from the Japanese Joint Committee of Lung Cancer Registry. <i>Lung Cancer</i> , 2020 , 146, 160-164	5.9	2
21	Efficacy of Platinum-Based Chemotherapy for Relapsed Small-Cell Lung Cancer after Amrubicin Monotherapy in Elderly Patients and Patients with Poor Performance Status. <i>Oncology</i> , 2018 , 94, 207-214 ^{3,6}		2
20	Secondary Brain Neoplasm after Stereotactic Radiosurgery in Patients with Metastatic Non-small Cell Lung Cancer. <i>Internal Medicine</i> , 2018 , 57, 2383-2387	1.1	2
19	Monomer Preference of EGFR Tyrosine Kinase Inhibitors Influences the Synergistic Efficacy of Combination Therapy with Cetuximab. <i>Molecular Cancer Therapeutics</i> , 2019 , 18, 1593-1601	6.1	2
18	A phase I study of S-1 and irinotecan combination therapy in previously treated advanced non-small cell lung cancer patients. <i>Cancer Chemotherapy and Pharmacology</i> , 2011 , 67, 717-22	3.5	2
17	Abstract 4: ABT-263 is effective in a subset of non-small cell lung cancer cell lines 2015 ,		2
16	Impact of Amrubicin Monotherapy as Second-Line Chemotherapy on Outcomes in Elderly Patients with Relapsed Extensive-Disease Small-Cell Lung Cancer. <i>Cancer Management and Research</i> , 2020 , 12, 4911-4921	3.6	2
15	Upregulation of FGF9 in Lung Adenocarcinoma Transdifferentiation to Small Cell Lung Cancer. <i>Cancer Research</i> , 2021 , 81, 3916-3929	10.1	2
14	A phase II trial of induction of erlotinib followed by cytotoxic chemotherapy for EGFR mutation-positive non-squamous non-small cell lung cancer patients. <i>Cancer Chemotherapy and Pharmacology</i> , 2019 , 84, 1065-1071	3.5	1
13	Fatal Fulminant Pneumonia Caused by Methicillin-Sensitive Staphylococcus aureus Negative for Major High-Virulence Factors Following Influenza B Virus Infection. <i>American Journal of Case Reports</i> , 2015 , 16, 454-8	1.3	1

12	Trends of concerns from diagnosis in patients with advanced lung cancer and their family caregivers: A 2-year longitudinal study. <i>Palliative Medicine</i> , 2021 , 35, 943-951	5.5	1
11	Prognostic significance of galectin-3 expression in patients with resected NSCLC treated with platinum-based adjuvant chemotherapy. <i>Thoracic Cancer</i> , 2021 , 12, 1570-1578	3.2	1
10	Longitudinal Assessment of Prognostic Understanding in Patients with Advanced Lung Cancer and Its Association with Their Psychological Distress. <i>Oncologist</i> , 2021 , 26, e2265-e2273	5.7	1
9	Clear cell sarcoma originating in the anterior mediastinum. <i>International Cancer Conference Journal</i> , 2013 , 2, 211-214	0.9	
8	The Clinical Impact of the Post-progression Survival on the Overall Survival in Elderly Patients or Those with a Poor Performance Status and Extensive-disease Small-cell Lung Cancer. <i>Japanese Journal of Lung Cancer</i> , 2020 , 60, 10-16	0.1	
7	Modulation of Adhesion Molecule Expression in Pulmonary Vascular Endothelium by Oxygen 1998 , 479-483		
6	Sequential Multistep Mechanisms for Leukocyte Adhesion: Applicable to Lung Microcirculation? 1998 , 603-608		
5	Biological Impediment to Oxygen Sensing in Injured Pulmonary Microcirculation Exposed to a High-Oxygen Environment 1998 , 410-420		
4	A phase II trial of induction Erlotinib followed by chemotherapy with Platinum + Pemetrexed +/- Bevacizumab for EGFR mutation-positive non-squamous non-small cell lung cancer patients.. <i>Journal of Clinical Oncology</i> , 2015 , 33, e19039-e19039	2.2	
3	The efficacy and safety of nivolumab in advanced non-small cell lung cancer in clinical practice in Japan: A multicenter analysis.. <i>Journal of Clinical Oncology</i> , 2017 , 35, e20577-e20577	2.2	
2	Final result of phase II study of irinotecan (CPT-11) plus oral S-1 for previously treated advanced NSCLC patients.. <i>Journal of Clinical Oncology</i> , 2012 , 30, e18058-e18058	2.2	
1	Implementation of clinical sequencing for molecular profiling in patients with advanced cancer. <i>Cancer Biomarkers</i> , 2021 , 31, 119-126	3.8	