

# Hiroyuki Yasuda

## 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.

84  
papers

2,488  
citations

26  
h-index

48  
g-index

87  
ext. papers

3,022  
ext. citations

5.4  
avg, IF

4.72  
L-index

#	Paper	IF	Citations
84	EGFR exon 20 insertion mutations in non-small-cell lung cancer: preclinical data and clinical implications. <i>Lancet Oncology, The</i> , <b>2012</b> , 13, e23-31	21.7	401
83	Structural, biochemical, and clinical characterization of epidermal growth factor receptor (EGFR) exon 20 insertion mutations in lung cancer. <i>Science Translational Medicine</i> , <b>2013</b> , 5, 216ra177	17.5	313
82	Activation of the FGF2-FGFR1 autocrine pathway: a novel mechanism of acquired resistance to gefitinib in NSCLC. <i>Molecular Cancer Research</i> , <b>2013</b> , 11, 759-67	6.6	155
81	Preclinical rationale for use of the clinically available multitargeted tyrosine kinase inhibitor crizotinib in ROS1-translocated lung cancer. <i>Journal of Thoracic Oncology</i> , <b>2012</b> , 7, 1086-90	8.9	124
80	Deregulation of histone lysine methyltransferases contributes to oncogenic transformation of human bronchoepithelial cells. <i>Cancer Cell International</i> , <b>2008</b> , 8, 15	6.4	120
79	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> , <b>2015</b> , 6, 38789-803	3.3	104
78	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> , <b>2017</b> , 77, 2078-2089	10.1	82
77	Dual ALK and EGFR inhibition targets a mechanism of acquired resistance to the tyrosine kinase inhibitor crizotinib in ALK rearranged lung cancer. <i>Lung Cancer</i> , <b>2014</b> , 83, 37-43	5.9	68
76	Ecaterin contributes to lung tumor development induced by EGFR mutations. <i>Cancer Research</i> , <b>2014</b> , 74, 5891-902	10.1	60
75	Identification of microRNAs differentially expressed between lung squamous cell carcinoma and lung adenocarcinoma. <i>Molecular Medicine Reports</i> , <b>2013</b> , 8, 456-62	2.9	51
74	Mimicking the niche of lung epithelial stem cells and characterization of several effectors of their in vitro behavior. <i>Stem Cell Research</i> , <b>2015</b> , 15, 109-21	1.6	49
73	The PCR-invader method (structure-specific 5Qnuclease-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> , <b>2011</b> , 16, 335-44	4.2	43
72	An Organoid Biobank of Neuroendocrine Neoplasms Enables Genotype-Phenotype Mapping. <i>Cell</i> , <b>2020</b> , 183, 1420-1435.e21	56.2	39
71	Activation of EGFR Bypass Signaling by TGFβ Overexpression Induces Acquired Resistance to Alectinib in ALK-Translocated Lung Cancer Cells. <i>Molecular Cancer Therapeutics</i> , <b>2016</b> , 15, 162-71	6.1	38
70	An alternative method for screening EGFR mutation using RFLP in non-small cell lung cancer patients. <i>Journal of Thoracic Oncology</i> , <b>2008</b> , 3, 1096-103	8.9	38
69	Real-world Efficacy and Safety of Nivolumab for Advanced Non-Small-cell Lung Cancer: A Retrospective Multicenter Analysis. <i>Clinical Lung Cancer</i> , <b>2018</b> , 19, e349-e358	4.9	36
68	Expression of fibroblast growth factor 9 is associated with poor prognosis in patients with resected non-small cell lung cancer. <i>Lung Cancer</i> , <b>2014</b> , 83, 90-6	5.9	36

67	Overcoming EGFR Bypass Signal-Induced Acquired Resistance to ALK Tyrosine Kinase Inhibitors in ALK-Translocated Lung Cancer. <i>Molecular Cancer Research</i> , <b>2017</b> , 15, 106-114	6.6	36
66	Claudin-1 is a novel target of miR-375 in non-small-cell lung cancer. <i>Lung Cancer</i> , <b>2014</b> , 85, 366-72	5.9	32
65	EGFR Exon 20 Insertion Mutations Display Sensitivity to Hsp90 Inhibition in Preclinical Models and Lung Adenocarcinomas. <i>Clinical Cancer Research</i> , <b>2018</b> , 24, 6548-6555	12.9	31
64	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> , <b>2019</b> , 116, 10025-10030	11.5	30
63	Frequent downregulation of the transcription factor Foxa2 in lung cancer through epigenetic silencing. <i>Lung Cancer</i> , <b>2012</b> , 77, 31-7	5.9	29
62	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> , <b>2019</b> , 127, 146-152	5.9	29
61	Effect of FGF/FGFR pathway blocking on lung adenocarcinoma and its cancer-associated fibroblasts. <i>Journal of Pathology</i> , <b>2019</b> , 249, 193-205	9.4	27
60	Characterization of the efficacies of osimertinib and nazartinib against cells expressing clinically relevant epidermal growth factor receptor mutations. <i>Oncotarget</i> , <b>2017</b> , 8, 105479-105491	3.3	27
59	Clinical and pathological characteristics of EGFR mutation in operable early-stage lung adenocarcinoma. <i>Lung Cancer</i> , <b>2017</b> , 109, 45-51	5.9	26
58	TAS6417/CLN-081 Is a Pan-Mutation-Selective EGFR Tyrosine Kinase Inhibitor with a Broad Spectrum of Preclinical Activity against Clinically Relevant Mutations. <i>Molecular Cancer Research</i> , <b>2019</b> , 17, 2233-2243	6.6	24
57	Variant CD44 expression is enriching for a cell population with cancer stem cell-like characteristics in human lung adenocarcinoma. <i>Journal of Cancer</i> , <b>2017</b> , 8, 1774-1785	4.5	23
56	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> , <b>2010</b> , 8, 1142-51	6.6	22
55	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> , <b>2015</b> , 235, 593-605	9.4	20
54	IGF2 Autocrine-Mediated IGF1R Activation Is a Clinically Relevant Mechanism of Osimertinib Resistance in Lung Cancer. <i>Molecular Cancer Research</i> , <b>2020</b> , 18, 549-559	6.6	20
53	A Case of Non-Small Cell Lung Cancer with Possible "Disease Flare" on Nivolumab Treatment. <i>Case Reports in Oncological Medicine</i> , <b>2016</b> , 2016, 1075641	0.9	20
52	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> , <b>2018</b> , 17, 740-750	6.1	18
51	Prognostic implication of PTPRH hypomethylation in non-small cell lung cancer. <i>Oncology Reports</i> , <b>2015</b> , 34, 1137-45	3.5	18
50	Bronchoscopic microsampling is a useful complementary diagnostic tool for detecting lung cancer. <i>Lung Cancer</i> , <b>2011</b> , 72, 32-8	5.9	17

49	Tumor associated macrophages support the growth of FGF9-induced lung adenocarcinoma by multiple mechanisms. <i>Lung Cancer</i> , <b>2018</b> , 119, 25-35	5.9	16
48	Osimertinib for EGFR T790M mutation-positive non-small cell lung cancer. <i>Expert Review of Clinical Pharmacology</i> , <b>2017</b> , 10, 31-38	3.8	16
47	Direct derivation of human alveolospheres for SARS-CoV-2 infection modeling and drug screening. <i>Cell Reports</i> , <b>2021</b> , 35, 109218	10.6	15
46	Prognostic Understanding at Diagnosis and Associated Factors in Patients with Advanced Lung Cancer and Their Caregivers. <i>Oncologist</i> , <b>2018</b> , 23, 1218-1229	5.7	15
45	The FGF2 aptamer inhibits the growth of FGF2-FGFR pathway driven lung cancer cells. <i>Biochemical and Biophysical Research Communications</i> , <b>2018</b> , 503, 1330-1334	3.4	13
44	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> , <b>2018</b> , 11, 3335-3343	4.4	13
43	Multiple roles of extracellular fibroblast growth factors in lung cancer cells. <i>International Journal of Oncology</i> , <b>2015</b> , 46, 423-9	4.4	13
42	Unexpected recalcitrant course of drug-induced erythema multiforme-like eruption and interstitial pneumonia sequentially occurring after nivolumab therapy. <i>Journal of Dermatology</i> , <b>2017</b> , 44, 818-821	1.6	12
41	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> , <b>2015</b> , 106, 34-42	6.9	12
40	Intermittent Exposure to Cigarette Smoke Increases Lung Tumors and the Severity of Emphysema More than Continuous Exposure. <i>American Journal of Respiratory Cell and Molecular Biology</i> , <b>2018</b> , 59, 179-188	5.7	11
39	Identification and characterization of ALK kinase splicing isoforms in non-small-cell lung cancer. <i>Journal of Thoracic Oncology</i> , <b>2014</b> , 9, 248-53	8.9	11
38	Studies on the Syntheses of 4, 5-Disubstituted Isoxazoles and their Cleavage Reaction with Sodium Ethoxide. I. <i>Yakugaku Zasshi</i> , <b>1959</b> , 79, 467-470	0	11
37	Distinct epigenetic regulation of tumor suppressor genes in putative cancer stem cells of solid tumors. <i>International Journal of Oncology</i> , <b>2010</b> , 37, 1537-46	4.4	10
36	Studies on the Synthesis of 4, 5-Disubstituted Isoxazoles and their Cleavage Reaction with Sodium Ethoxide. III. <i>Yakugaku Zasshi</i> , <b>1959</b> , 79, 836-838	0	9
35	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> , <b>2017</b> , 6, 409-414	4.6	8
34	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> , <b>2015</b> , 46, 430-6	4.4	8
33	Nasal delivery of single-domain antibody improves symptoms of SARS-CoV-2 infection in an animal model. <i>PLoS Pathogens</i> , <b>2021</b> , 17, e1009542	7.6	8
32	Effects of the common polymorphism in the human aldehyde dehydrogenase 2 (ALDH2) gene on the lung. <i>Respiratory Research</i> , <b>2017</b> , 18, 69	7.3	7

31	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> , <b>2017</b> , 14, 3559-3565	2.6	7
30	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> , <b>2015</b> , 75, 513-9	3.5	6
29	Small cystic insulinoma: value of arterial stimulation venous sampling. <i>CardioVascular and Interventional Radiology</i> , <b>1997</b> , 20, 308-10	2.7	6
28	A phase I/II study of osimertinib in EGFR exon 20 insertion mutation-positive non-small cell lung cancer. <i>Lung Cancer</i> , <b>2021</b> , 162, 140-146	5.9	6
27	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> , <b>2016</b> , 5, 488-490	1.6	5
26	EGFR-mutant Non-small Cell Lung Cancer Accompanied by Transient Asymptomatic Pulmonary Opacities Successfully Treated with "Stop-And-Go" Osimertinib. <i>Internal Medicine</i> , <b>2018</b> , 57, 1007-1010	1.1	5
25	HSP90 inhibition overcomes EGFR amplification-induced resistance to third-generation EGFR-TKIs. <i>Thoracic Cancer</i> , <b>2021</b> , 12, 631-642	3.2	4
24	Targeted Therapy-induced Facial Skin Toxicities: Impact on Quality of Life in Cancer Patients. <i>Asia-Pacific Journal of Oncology Nursing</i> , <b>2018</b> , 5, 172-177	2.2	4
23	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> , <b>2015</b> , 45, 356-61	2.8	3
22	The efficacy, safety, and pharmacokinetics of biapenem administered thrice daily for the treatment of pneumonia in the elderly. <i>Journal of Infection and Chemotherapy</i> , <b>2014</b> , 20, 356-60	2.2	3
21	Studies on the Synthesis of 4, 5-Disubstituted Isoxazoles and their Cleavage Reaction with Sodium Ethoxide. II. <i>Yakugaku Zasshi</i> , <b>1959</b> , 79, 623-627	0	3
20	Long-Lasting Response to Nivolumab for a Patient With Lynch Syndrome-Associated Lung Adenocarcinoma. <i>JCO Precision Oncology</i> , <b>2020</b> , 4,	3.6	2
19	Secondary Brain Neoplasm after Stereotactic Radiosurgery in Patients with Metastatic Non-small Cell Lung Cancer. <i>Internal Medicine</i> , <b>2018</b> , 57, 2383-2387	1.1	2
18	Monomer Preference of EGFR Tyrosine Kinase Inhibitors Influences the Synergistic Efficacy of Combination Therapy with Cetuximab. <i>Molecular Cancer Therapeutics</i> , <b>2019</b> , 18, 1593-1601	6.1	2
17	Suspected accelerated disease progression after discontinuation of nintedanib in patients with idiopathic pulmonary fibrosis: Two case reports. <i>Medicine (United States)</i> , <b>2017</b> , 96, e9081	1.8	2
16	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> , <b>2011</b> , 67, 717-22	3.5	2
15	Studies on the Color Reaction of Fe <sup>+++</sup> with Formyldeoxybenzoin. <i>Yakugaku Zasshi</i> , <b>1953</b> , 73, 185-187	0	2
14	Intracellular levels of reactive oxygen species correlate with ABT-263 sensitivity in non-small-cell lung cancer cells. <i>Cancer Science</i> , <b>2020</b> , 111, 3793-3801	6.9	2

13	Upregulation of FGF9 in Lung Adenocarcinoma Transdifferentiation to Small Cell Lung Cancer. <i>Cancer Research</i> , <b>2021</b> , 81, 3916-3929	10.1	2
12	Functional dissection of the KRAS G12C mutation by comparison among multiple oncogenic driver mutations in a lung cancer cell line model. <i>Biochemical and Biophysical Research Communications</i> , <b>2021</b> , 534, 1-7	3.4	2
11	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> , <b>2019</b> , 84, 1065-1071	3.5	1
10	Trends of concerns from diagnosis in patients with advanced lung cancer and their family caregivers: A 2-year longitudinal study. <i>Palliative Medicine</i> , <b>2021</b> , 35, 943-951	5.5	1
9	SHOC2 Is a Critical Modulator of Sensitivity to EGFR-TKIs in Non-Small Cell Lung Cancer Cells. <i>Molecular Cancer Research</i> , <b>2021</b> , 19, 317-328	6.6	1
8	Longitudinal Assessment of Prognostic Understanding in Patients with Advanced Lung Cancer and Its Association with Their Psychological Distress. <i>Oncologist</i> , <b>2021</b> , 26, e2265-e2273	5.7	1
7	Sternoclavicular joint osteomyelitis extending to lung abscess complicated by Staphylococcal infective endocarditis. <i>IDCases</i> , <b>2017</b> , 9, 36-37	2	
6	On the Iron(III) Complex Salt of Formyldeoxybenzoin. <i>Yakugaku Zasshi</i> , <b>1956</b> , 76, 655-656	0	
5	Determination of Sulfoxazole. <i>Yakugaku Zasshi</i> , <b>1959</b> , 79, 113-115	0	
4	Clinical characterization and in silico drug sensitivity prediction model of rare EGFR mutations in non-small cell lung cancer.. <i>Journal of Clinical Oncology</i> , <b>2018</b> , 36, e21221-e21221	2.2	
3	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> , <b>2015</b> , 33, e19039-e19039	2.2	
2	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> , <b>2017</b> , 35, e20577-e20577	2.2	
1	Basic Understandings of EGFR-mutated Lung Cancer and Its Clinical Applications. <i>Japanese Journal of Lung Cancer</i> , <b>2021</b> , 61, 911-918	0.1	