Mitsuo Sato

List of Publications by Year
in descending order

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87 papers	6,494 citations	109311 35 h-index	74160 75 g-index
87 all docs	87 docs citations	87 times ranked	9845 citing authors

#	Article	IF	Citations
1	Characterizing the cancer genome in lung adenocarcinoma. Nature, 2007, 450, 893-898.	27.8	1,020
2	Immortalization of Human Bronchial Epithelial Cells in the Absence of Viral Oncoproteins. Cancer Research, 2004, 64, 9027-9034.	0.9	573
3	PIK3CA Mutations and Copy Number Gains in Human Lung Cancers. Cancer Research, 2008, 68, 6913-6921.	0.9	399
4	A Translational View of the Molecular Pathogenesis of Lung Cancer. Journal of Thoracic Oncology, 2007, 2, 327-343.	1.1	274
5	ZEB1 drives epithelial-to-mesenchymal transition in lung cancer. Journal of Clinical Investigation, 2016, 126, 3219-3235.	8.2	256
6	Multiple Oncogenic Changes (K-RASV12, p53 Knockdown,Mutant EGFRs, p16Bypass,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5 Cells. Cancer Research, 2006, 66, 2116-2128.	0.9	247
7	A Genome-Wide Screen for Promoter Methylation in Lung Cancer Identifies Novel Methylation Markers for Multiple Malignancies. PLoS Medicine, 2006, 3, e486.	8.4	228
8	Nonâ€“Small Cell Lung Cancers with Kinase Domain Mutations in the Epidermal Growth Factor Receptor Are Sensitive to Ionizing Radiation. Cancer Research, 2006, 66, 9601-9608.	0.9	207
9	Genomic profiling identifies TITF1 as a lineage-specific oncogene amplified in lung cancer. Oncogene, 2008, 27, 3635-3640.	5.9	202
10	Human Lung Epithelial Cells Progressed to Malignancy through Specific Oncogenic Manipulations. Molecular Cancer Research, 2013, 11, 638-650.	3.4	192
11	Different Roles for Caveolin-1 in the Development of Non-Small Cell Lung Cancer versus Small Cell Lung Cancer. Cancer Research, 2004, 64, 4277-4285.	0.9	168
12	High Expression of Ligands for Chemokine Receptor CXCR2 in Alveolar Epithelial Neoplasia Induced by Oncogenic Kras. Cancer Research, 2006, 66, 4198-4207.	0.9	151
13	Knockdown of Oncogenic KRAS in Nonâ€“Small Cell Lung Cancers Suppresses Tumor Growth and Sensitizes Tumor Cells to Targeted Therapy. Molecular Cancer Therapeutics, 2011, 10, 336-346.	4.1	151
14	EGFR-TKI Resistance Due to BIM Polymorphism Can Be Circumvented in Combination with HDAC Inhibition. Cancer Research, 2013, 73, 2428-2434.	0.9	151
15	Somatic Mutations in the Tyrosine Kinase Domain of Epidermal Growth Factor Receptor (EGFR) Abrogate EGFR-Mediated Radioprotection in Nonâ€“Small Cell Lung Carcinoma. Cancer Research, 2007, 67, 5267-5274.	0.9	150
16	High Expression of ErbB Family Members and Their Ligands in Lung Adenocarcinomas That Are Sensitive to Inhibition of Epidermal Growth Factor Receptor. Cancer Research, 2005, 65, 11478-11485.	0.9	135
17	Knockdown of ZEB1, a master epithelial-to-mesenchymal transition (EMT) gene, suppresses anchorage-independent cell growth of lung cancer cells. Cancer Letters, 2010, 296, 216-224.	7.2	133
18	Comparisons of tyrosine phosphorylated proteins in cells expressing lung cancer-specific alleles of EGFR and KRAS. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 14112-14117.	7.1	113

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19	Pten Inactivation Accelerates Oncogenic K-rasâ€“Initiated Tumorigenesis in a Mouse Model of Lung Cancer. Cancer Research, 2008, 68, 1119-1127.	0.9	111
20	Genetic alteration of the Î²-catenin gene (CTNNB1) in human lung cancer and malignant mesothelioma and identification of a new 3p21.3 homozygous deletion. Oncogene, 2001, 20, 4249-4257.	5.9	104
21	EGFR-T790M Is a Rare Lung Cancer Susceptibility Allele with Enhanced Kinase Activity. Cancer Research, 2007, 67, 4665-4670.	0.9	92
22	NeuroD1 regulates survival and migration of neuroendocrine lung carcinomas via signaling molecules TrkB and NCAM. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 6524-6529.	7.1	84
23	Emerging evidence of epithelialâ€toâ€mesenchymal transition in lung carcinogenesis. Respirology, 2012, 17, 1048-1059.	2.3	83
24	The expression of DNA methyltransferases and methyl-CpG-binding proteins is not associated with the methylation status of p14ARF, p16INK4a and RASSF1A in human lung cancer cell lines. Oncogene, 2002, 21, 4822-4829.	5.9	81
25	Oncogenic KRASâ€induced interleukinâ€8 overexpression promotes cell growth and migration and contributes to aggressive phenotypes of nonâ€small cell lung cancer. International Journal of Cancer, 2012, 130, 1733-1744.	5.1	80
26	Protective effects of intratracheally administered quercetin on lipopolysaccharide-induced acute lung injury. Respiratory Research, 2014, 15, 150.	3.6	76
27	Increased expression and no mutation of the Flap endonuclease (FEN1) gene in human lung cancer. Oncogene, 2003, 22, 7243-7246.	5.9	64
28	The circadian clock gene BMAL1 is a novel therapeutic target for malignant pleural mesothelioma. International Journal of Cancer, 2012, 131, 2820-2831.	5.1	62
29	Growth inhibitory effects of miRâ€221 and miRâ€222 in nonâ€small cell lung cancer cells. Cancer Medicine, 2015, 4, 551-564.	2.8	62
30	Regulation of PD-L1 expression by matrix stiffness in lung cancer cells. Biochemical and Biophysical Research Communications, 2018, 495, 2344-2349.	2.1	62
31	Infrequent Mutation of thehBUB1andhBUBR1Genes in Human Lung Cancer. Japanese Journal of Cancer Research, 2000, 91, 504-509.	1.7	61
32	Oncogenic KRAS-induced epiregulin overexpression contributes to aggressive phenotype and is a promising therapeutic target in non-small-cell lung cancer. Oncogene, 2013, 32, 4034-4042.	5.9	59
33	<scp>TIMELESS</scp> is overexpressed in lung cancer and its expression correlates with poor patient survival. Cancer Science, 2013, 104, 171-177.	3.9	57
34	STIM1 Regulates Platelet-Derived Growth Factor-Induced Migration and Ca2+ Influx in Human Airway Smooth Muscle Cells. PLoS ONE, 2012, 7, e45056.	2.5	43
35	Epidermal Growth Factor Receptors with Tyrosine Kinase Domain Mutations Exhibit Reduced Cbl Association, Poor Ubiquitylation, and Down-regulation but Are Efficiently Internalized. Cancer Research, 2007, 67, 7695-7702.	0.9	39
36	Factors Affecting the Diagnostic Yield of Transbronchial Biopsy Using Endobronchial Ultrasonography with a Guide Sheath in Peripheral Lung Cancer. Internal Medicine, 2016, 55, 1705-1712.	0.7	38

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37	Silencing of HPV 18 Oncoproteins With RNA Interference Causes Growth Inhibition of Cervical Cancer Cells. Reproductive Sciences, 2007, 14, 20-28.	2.5	37
38	EGFR Signaling Is Required for TGF-Î²1â€“Mediated COX-2 Induction in Human Bronchial Epithelial Cells. American Journal of Respiratory Cell and Molecular Biology, 2007, 37, 578-588.	2.9	35
39	Involvement of the transcription factor twist in phenotype alteration through epithelialâ€“mesenchymal transition in lung cancer cells. Molecular Carcinogenesis, 2012, 51, 400-410.	2.7	34
40	Pivotal role of epithelial cell adhesion molecule in the survival of lung cancer cells. Cancer Science, 2011, 102, 1493-1500.	3.9	24
41	Establishment of a large cell lung cancer cell line (Y-ML-1B) producing granulocyte colony-stimulating factor. Cancer Genetics and Cytogenetics, 2002, 137, 33-42.	1.0	21
42	Echoic Features of Lymph Nodes with Sarcoidosis Determined by Endobronchial Ultrasound. Internal Medicine, 2013, 52, 1473-1478.	0.7	21
43	Prospective analysis of efficacy and safety of an individualized-midazolam-dosing protocol for sedation during prolonged bronchoscopy. Respiratory Investigation, 2014, 52, 153-159.	1.8	21
44	Potential for afatinib as an optimal treatment for advanced non-small cell lung carcinoma in patients with uncommon EGFR mutations. Lung Cancer, 2019, 127, 169-171.	2.0	21
45	Potential Benefits of Bevacizumab Combined With Platinum-Based Chemotherapy in Advanced Nonâ€“Small-Cell Lung Cancer Patients With EGFR Mutation. Clinical Lung Cancer, 2020, 21, 273-280.e4.	2.6	21
46	<scp>eIF</scp>2Î², a subunit of translationâ€initiation factor <scp>EIF</scp>2, is a potential therapeutic target for nonâ€small cell lung cancer. Cancer Science, 2018, 109, 1843-1852.	3.9	20
47	Identification of proteasomal catalytic subunit <scp>PSMA</scp>6 as a therapeutic target for lung cancer. Cancer Science, 2017, 108, 732-743.	3.9	18
48	Endobronchial ultrasound transbronchial needle aspiration in older people. Geriatrics and Gerontology International, 2013, 13, 986-992.	1.5	17
49	Clinical efficacy of osimertinib in EGFR-mutant non-small cell lung cancer with distant metastasis. BMC Cancer, 2022, 22, .	2.6	17
50	The 3p21 candidate tumor suppressor gene BAF180 is normally expressed in human lung cancer. Oncogene, 2005, 24, 2735-2738.	5.9	16
51	Immortalized normal human lung epithelial cell models for studying lung cancer biology. Respiratory Investigation, 2020, 58, 344-354.	1.8	15
52	A 65-nm CMOS Fully Integrated Analysis Platform Using an On-Chip Vector Network Analyzer and a Transmission-Line-Based Detection Window for Analyzing Circulating Tumor Cell and Exosome. IEEE Transactions on Biomedical Circuits and Systems, 2019, 13, 470-479.	4.0	13
53	Phase I/II and pharmacologic study of irinotecan and carboplatin for patients with lung cancer. Cancer Chemotherapy and Pharmacology, 2001, 48, 481-487.	2.3	12
54	Nuclear Receptor Expression and Function in Human Lung Cancer Pathogenesis. PLoS ONE, 2015, 10, e0134842.	2.5	12

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55	Aqueous fraction of Sauropus androgynus might be responsible for bronchiolitis obliterans. Respirology, 2013, 18, 340-347.	2.3	9
56	Pleural Plaque Profiles on the Chest Radiographs and CT Scans of Asbestos-exposed Japanese Construction Workers. Industrial Health, 2011, 49, 626-633.	1.0	9
57	An EGFR-mutated Lung Adenocarcinoma Undergoing Squamous Cell Carcinoma Transformation Exhibited a Durable Response to Afatinib. Internal Medicine, 2018, 57, 3429-3432.	0.7	8
58	Optimization and validation of a highly sensitive method for determining glyphosate in human urine by solid-phase extraction and liquid chromatography with tandem mass spectrometry: a methodological study. Environmental Health and Preventive Medicine, 2020, 25, 83.	3.4	8
59	Efficacies of programmed cell death 1 ligand 1 blockade in non-small cell lung cancer patients with acquired resistance to prior programmed cell death 1 inhibitor and development of diabetic ketoacidosis caused by two different etiologies: a retrospective case series. Endocrine Journal, 2021, 68, 613-620.	1.6	8
60	Hurdles for the wide implementation of photoimmunotherapy. Immunotherapy, 2021, 13, 1427-1438.	2.0	8
61	Phenotypic screening using largeâ€scale genomic libraries to identify drug targets for the treatment of cancer (Review). Oncology Letters, 2020, 19, 3617-3626.	1.8	7
62	Near-Infrared Photoimmunotherapy for Thoracic Cancers: A Translational Perspective. Biomedicines, 2022, 10, 1662.	3.2	7
63	Transient but Not Stable ZEB1 Knockdown Dramatically Inhibits Growth of Malignant Pleural Mesothelioma Cells. Annals of Surgical Oncology, 2012, 19, 634-645.	1.5	6
64	Exploration of germline variants responsible for adverse events of crizotinib in anaplastic lymphoma kinase-positive non-small cell lung cancer by target-gene panel sequencing. Lung Cancer, 2019, 128, 20-25.	2.0	6
65	Capsaicinoids Regulate Airway Anion Transporters through Rho Kinaseâ€“ and Cyclic AMPâ€“Dependent Mechanisms. American Journal of Respiratory Cell and Molecular Biology, 2011, 45, 684-691.	2.9	5
66	Oxytocin receptor is a promising therapeutic target of malignant mesothelioma. Cancer Science, 2021, 112, 3520-3532.	3.9	5
67	Pulmonary Cryptococcosis with a Solitary Focal Ground-glass Opacity on High-resolution Computed Tomography. Internal Medicine, 2004, 43, 117-119.	0.7	4
68	Nongenomic Effects of Fluticasone Propionate and Budesonide on Human Airway Anion Secretion. American Journal of Respiratory Cell and Molecular Biology, 2012, 47, 645-651.	2.9	4
69	UHRF1, a Regulator of Methylation, as a Diagnostic and Prognostic Marker for Lung Cancer. Cancer Investigation, 2020, 38, 240-249.	1.3	4
70	Pseudomembranous Invasive Tracheobronchial Aspergillosis with Fulminant Hepatitis and Hemophagocytic Syndrome. Internal Medicine, 2018, 57, 2371-2375.	0.7	3
71	Safety and efficacy of diagnostic flexible bronchoscopy in very old patients with lung cancer. European Geriatric Medicine, 2018, 9, 255-262.	2.8	3
72	Development of an immuno-wall device for the rapid and sensitive detection of EGFR mutations in tumor tissues resected from lung cancer patients. PLoS ONE, 2020, 15, e0241422.	2.5	3

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73	M10-04: Telomerase immortalized human bronchial epithelial cells (HBECs) have stem cell characteristics. Journal of Thoracic Oncology, 2007, 2, S181-S182.	1.1	1
74	miRNAs in Transitions. , 2015, , 893-915.		1
75	Primary Prophylaxis Indication for Docetaxel Induced Febrile Neutropenia in Elderly Patients with Non-Small Cell Lung Cancer. Cancer Investigation, 2020, 38, 424-430.	1.3	1
76	Resistance to mutant KRAS-induced senescence in an hTERT/Cdk4-immortalized normal human bronchial epithelial cell line. Experimental Cell Research, 2022, 414, 113053.	2.6	1
77	Specific copy number changes as potential predictive markers for adjuvant chemotherapy in non-small cell lung cancer. Translational Lung Cancer Research, 2018, 7, S346-S348.	2.8	0
78	Lung Metastases from Bile Duct Adenocarcinoma Mimicking Chronic Airway Infection and Causing Diagnostic Difficulty. Internal Medicine, 2018, 57, 1429-1432.	0.7	0
79	Pulmonary Malignancies (1): Lung Cancerâ€"What Are the Roles of Genetic Factors in Lung Cancer Pathogenesis?. Respiratory Disease Series, 2018, , 193-206.	0.0	0
80	Chemotherapy induced changes to fibrin clots properties in lung cancer: is it favorable?. Journal of Thoracic Disease, 2019, 11, S1126-S1128.	1.4	0
81	Molecular Basis of Lung Cancer. , 2008, , 397-407.		0
82	Successful Desensitization Therapy with Crizotinib for Disease-recurrence of Resected Lung Adenocarcinoma. Japanese Journal of Lung Cancer, 2016, 56, 215-218.	0.1	0
83	Risk factors for pulmonary infection after diagnostic bronchoscopy in patients with lung cancer. Nagoya Journal of Medical Science, 2020, 82, 69-77.	0.3	0
84	Title is missing!. , 2020, 15, e0241422.		0
85	Title is missing!. , 2020, 15, e0241422.		0
86	Title is missing!. , 2020, 15, e0241422.		0
87	Title is missing!. , 2020, 15, e0241422.		0