

Wan L Lam

List of Publications by Year in descending order

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Version: 2024-02-01

130
papers

6,512
citations

87723

38
h-index

66788

78
g-index

131
all docs

131
docs citations

131
times ranked

11477
citing authors

#	ARTICLE	IF	CITATIONS
1	The functional role of long non-coding RNA in human carcinomas. <i>Molecular Cancer</i> , 2011, 10, 38.	7.9	1,450
2	Human Cancer Long Non-Coding RNA Transcriptomes. <i>PLoS ONE</i> , 2011, 6, e25915.	1.1	323
3	Arsenic Exposure and the Induction of Human Cancers. <i>Journal of Toxicology</i> , 2011, 2011, 1-13.	1.4	322
4	Tumour genomic and microenvironmental heterogeneity for integrated prediction of 5-year biochemical recurrence of prostate cancer: a retrospective cohort study. <i>Lancet Oncology</i> , The, 2014, 15, 1521-1532.	5.1	291
5	Genetic alterations defining NSCLC subtypes and their therapeutic implications. <i>Lung Cancer</i> , 2013, 82, 179-189.	0.9	262
6	Macrophages, Inflammation, and Lung Cancer. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2016, 193, 116-130.	2.5	206
7	Optical Systems for <i>in Vivo</i> Molecular Imaging of Cancer. <i>Technology in Cancer Research and Treatment</i> , 2003, 2, 491-504.	0.8	193
8	cGAS-STING and Cancer: Dichotomous Roles in Tumor Immunity and Development. <i>Trends in Immunology</i> , 2018, 39, 44-54.	2.9	174
9	Environmental arsenic exposure: From genetic susceptibility to pathogenesis. <i>Environment International</i> , 2018, 112, 183-197.	4.8	164
10	Piwi-interacting RNAs in cancer: emerging functions and clinical utility. <i>Molecular Cancer</i> , 2016, 15, 5.	7.9	158
11	Emerging roles of T helper 17 and regulatory T cells in lung cancer progression and metastasis. <i>Molecular Cancer</i> , 2016, 15, 67.	7.9	141
12	Unique somatic and malignant expression patterns implicate PIWI-interacting RNAs in cancer-type specific biology. <i>Scientific Reports</i> , 2015, 5, 10423.	1.6	139
13	DNA Methylation Is Globally Disrupted and Associated with Expression Changes in Chronic Obstructive Pulmonary Disease Small Airways. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2014, 50, 912-922.	1.4	122
14	Molecular features in arsenic-induced lung tumors. <i>Molecular Cancer</i> , 2013, 12, 20.	7.9	108
15	The role of epigenetics and long noncoding RNA MIAT in neuroendocrine prostate cancer. <i>Epigenomics</i> , 2016, 8, 721-731.	1.0	94
16	Polycomb-mediated silencing in neuroendocrine prostate cancer. <i>Clinical Epigenetics</i> , 2015, 7, 40.	1.8	93
17	Comprehensive Analysis of HPV16 Integration in OSCC Reveals No Significant Impact of Physical Status on Viral Oncogene and Virally Disrupted Human Gene Expression. <i>PLoS ONE</i> , 2014, 9, e88718.	1.1	85
18	A stepwise framework for the normalization of array CGH data. <i>BMC Bioinformatics</i> , 2005, 6, 274.	1.2	80

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19	Mechanistic Roles of Noncoding RNAs in Lung Cancer Biology and Their Clinical Implications. <i>Genetics Research International</i> , 2012, 2012, 1-16.	2.0	78
20	Long non-coding RNAs are expressed in oral mucosa and altered in oral premalignant lesions. <i>Oral Oncology</i> , 2011, 47, 1055-1061.	0.8	74
21	An atlas of gastric PIWI-interacting RNA transcriptomes and their utility for identifying signatures of gastric cancer recurrence. <i>Gastric Cancer</i> , 2016, 19, 660-665.	2.7	63
22	Arsenic, asbestos and radon: emerging players in lung tumorigenesis. <i>Environmental Health</i> , 2012, 11, 89.	1.7	60
23	Multiple pathways in the FGF signaling network are frequently deregulated by gene amplification in oral dysplasias. <i>International Journal of Cancer</i> , 2009, 125, 2219-2228.	2.3	57
24	Divergent Genomic and Epigenomic Landscapes of Lung Cancer Subtypes Underscore the Selection of Different Oncogenic Pathways during Tumor Development. <i>PLoS ONE</i> , 2012, 7, e37775.	1.1	56
25	Identification of the epigenetic reader CBX2 as a potential drug target in advanced prostate cancer. <i>Clinical Epigenetics</i> , 2016, 8, 16.	1.8	55
26	Loss of the Notch effector RBPJ promotes tumorigenesis. <i>Journal of Experimental Medicine</i> , 2015, 212, 37-52.	4.2	52
27	Identification of Novel Lung Genes in Bronchial Epithelium by Serial Analysis of Gene Expression. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2006, 35, 651-661.	1.4	51
28	Integrating the multiple dimensions of genomic and epigenomic landscapes of cancer. <i>Cancer and Metastasis Reviews</i> , 2010, 29, 73-93.	2.7	51
29	Nuclear Factor I/B: A Master Regulator of Cell Differentiation with Paradoxical Roles in Cancer. <i>EBioMedicine</i> , 2017, 22, 2-9.	2.7	51
30	Germline copy number variations are associated with breast cancer risk and prognosis. <i>Scientific Reports</i> , 2017, 7, 14621.	1.6	50
31	Arsenic Biotransformation as a Cancer Promoting Factor by Inducing DNA Damage and Disruption of Repair Mechanisms. <i>Molecular Biology International</i> , 2011, 2011, 1-11.	1.7	50
32	Integrative transcriptome analysis identifies deregulated microRNA-transcription factor networks in lung adenocarcinoma. <i>Oncotarget</i> , 2016, 7, 28920-28934.	0.8	49
33	Integrated analysis of the prostate cancer small nucleolar transcriptome reveals SNORA55 as a driver of prostate cancer progression. <i>Molecular Oncology</i> , 2016, 10, 693-703.	2.1	48
34	Oncogenomic disruptions in arsenic-induced carcinogenesis. <i>Oncotarget</i> , 2017, 8, 25736-25755.	0.8	47
35	Cytogenetically balanced translocations are associated with focal copy number alterations. <i>Human Genetics</i> , 2007, 120, 795-805.	1.8	44
36	Multiple Aberrations of Chromosome 3p Detected in Oral Premalignant Lesions. <i>Cancer Prevention Research</i> , 2008, 1, 424-429.	0.7	43

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37	Developmental transcription factor NFIB is a putative target of oncofetal miRNAs and is associated with tumour aggressiveness in lung adenocarcinoma. <i>Journal of Pathology</i> , 2016, 240, 161-172.	2.1	42
38	A sequence-based approach to identify reference genes for gene expression analysis. <i>BMC Medical Genomics</i> , 2010, 3, 32.	0.7	41
39	HPV status is associated with altered PIWI-interacting RNA expression pattern in head and neck cancer. <i>Oral Oncology</i> , 2016, 55, 43-48.	0.8	41
40	Epithelial tumor suppressor ELF3 is a lineage-specific amplified oncogene in lung adenocarcinoma. <i>Nature Communications</i> , 2019, 10, 5438.	5.8	41
41	A Search for Novel Cancer/Testis Antigens in Lung Cancer Identifies VCX/Y Genes, Expanding the Repertoire of Potential Immunotherapeutic Targets. <i>Cancer Research</i> , 2014, 74, 4694-4705.	0.4	40
42	Microtubule affinity-regulating kinase 2 is associated with DNA damage response and cisplatin resistance in non-small cell lung cancer. <i>International Journal of Cancer</i> , 2015, 137, 2072-2082.	2.3	38
43	miR-101 DNA Copy Loss is a Prominent Subtype Specific Event in Lung Cancer. <i>Journal of Thoracic Oncology</i> , 2011, 6, 1594-1598.	0.5	37
44	Genomics and Epigenetics of Malignant Mesothelioma. <i>High-Throughput</i> , 2018, 7, 20.	4.4	37
45	Hyperspectral cell sociology reveals spatial tumor-immune cell interactions associated with lung cancer recurrence. , 2019, 7, 13.		37
46	Deregulation of small non-coding RNAs at the <i>DLK1-DIO3</i> imprinted locus predicts lung cancer patient outcome. <i>Oncotarget</i> , 2016, 7, 80957-80966.	0.8	35
47	MicroRNA modulated networks of adaptive and innate immune response in pancreatic ductal adenocarcinoma. <i>PLoS ONE</i> , 2019, 14, e0217421.	1.1	33
48	<i>NBN</i> gain is predictive for adverse outcome following image-guided radiotherapy for localized prostate cancer. <i>Oncotarget</i> , 2014, 5, 11081-11090.	0.8	30
49	Whole-Genome Sequencing Analysis Identifies a Distinctive Mutational Spectrum in an Arsenic-Related Lung Tumor. <i>Journal of Thoracic Oncology</i> , 2013, 8, 1451-1455.	0.5	28
50	Integrative Genomics of Emphysema-Associated Genes Reveals Potential Disease Biomarkers. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2017, 57, 411-418.	1.4	28
51	<i>DLK1-DIO3</i> imprinted locus deregulation in development, respiratory disease, and cancer. <i>Expert Review of Respiratory Medicine</i> , 2017, 11, 749-761.	1.0	28
52	MD-SeeGH: a platform for integrative analysis of multi-dimensional genomic data. <i>BMC Bioinformatics</i> , 2008, 9, 243.	1.2	27
53	Induction of Human Squamous Cell-Type Carcinomas by Arsenic. <i>Journal of Skin Cancer</i> , 2011, 2011, 1-9.	0.5	25
54	Health Effects Associated With Pre- and Perinatal Exposure to Arsenic. <i>Frontiers in Genetics</i> , 2021, 12, 664717.	1.1	24

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55	Upregulation of AKR1C1 and AKR1C3 expression in OPSCC with integrated HPV16 and HPV18-negative tumors is an indicator of poor prognosis. <i>International Journal of Cancer</i> , 2019, 144, 2465-2477.	2.3	23
56	A comprehensively characterized cell line panel highly representative of clinical ovarian high-grade serous carcinomas. <i>Oncotarget</i> , 2017, 8, 50489-50499.	0.8	23
57	Loss of Parkinson's susceptibility gene LRRK2 promotes carcinogen-induced lung tumorigenesis. <i>Scientific Reports</i> , 2021, 11, 2097.	1.6	22
58	Large-scale discovery of previously undetected microRNAs specific to human liver. <i>Human Genomics</i> , 2018, 12, 16.	1.4	21
59	Small non-coding RNA transcriptome of the NCI-60 cell line panel. <i>Scientific Data</i> , 2017, 4, 170157.	2.4	20
60	MIR155 Regulation of Ubiquilin1 and Ubiquilin2: Implications in Cellular Protection and Tumorigenesis. <i>Neoplasia</i> , 2017, 19, 321-332.	2.3	19
61	Characterization of genes differentially expressed within macrophages by virulent and attenuated <i>Mycobacterium tuberculosis</i> identifies candidate genes involved in intracellular growth. <i>Microbiology (United Kingdom)</i> , 2008, 154, 2291-2303.	0.7	18
62	Arsenic and Lung Cancer in Never-Smokers: Lessons from Chile. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2012, 185, 1131-1132.	2.5	17
63	Distinct bronchial microbiome precedes clinical diagnosis of lung cancer. <i>Molecular Cancer</i> , 2022, 21, 68.	7.9	17
64	Decreased microbiome diversity in the HIV small airway epithelium. <i>Respiratory Research</i> , 2018, 19, 140.	1.4	16
65	Decreased telomere length in the small airway epithelium suggests accelerated aging in the lungs of persons living with human immunodeficiency virus (HIV). <i>Respiratory Research</i> , 2018, 19, 117.	1.4	16
66	Assessment of long non-coding RNA expression reveals novel mediators of the lung tumour immune response. <i>Scientific Reports</i> , 2020, 10, 16945.	1.6	16
67	Expanding the Transcriptome of Head and Neck Squamous Cell Carcinoma Through Novel MicroRNA Discovery. <i>Frontiers in Oncology</i> , 2019, 9, 1305.	1.3	15
68	Somatic mutation-associated T follicular helper cell elevation in lung adenocarcinoma. <i>Oncotarget</i> , 2018, 9, e1504728.	2.1	14
69	Differentially expressed microRNAs in lung adenocarcinoma invert effects of copy number aberrations of prognostic genes. <i>Oncotarget</i> , 2018, 9, 9137-9155.	0.8	13
70	Integrative Genomic Analyses Identifies GGA2 as a Cooperative Driver of EGFR-Mediated Lung Tumorigenesis. <i>Journal of Thoracic Oncology</i> , 2019, 14, 656-671.	0.5	13
71	Aberrant Expression of Pseudogene-Derived lncRNAs as an Alternative Mechanism of Cancer Gene Regulation in Lung Adenocarcinoma. <i>Frontiers in Genetics</i> , 2019, 10, 138.	1.1	13
72	Previously undescribed thyroid-specific miRNA sequences in papillary thyroid carcinoma. <i>Journal of Human Genetics</i> , 2019, 64, 505-508.	1.1	13

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73	Airway Aging and Methylation Disruptions in HIV-associated Chronic Obstructive Pulmonary Disease. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2022, 206, 150-160.	2.5	13
74	Breast cancer associated germline structural variants harboring small noncoding RNAs impact post-transcriptional gene regulation. <i>Scientific Reports</i> , 2018, 8, 7529.	1.6	12
75	Expanding the miRNA Transcriptome of Human Kidney and Renal Cell Carcinoma. <i>International Journal of Genomics</i> , 2018, 2018, 1-10.	0.8	12
76	Discovery of Previously Undetected MicroRNAs in Mesothelioma and Their Use as Tissue-of-Origin Markers. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2019, 61, 266-268.	1.4	12
77	CCL5 production in lung cancer cells leads to an altered immune microenvironment and promotes tumor development. <i>Oncolmmunology</i> , 2022, 11, 2010905.	2.1	12
78	miR-625-3p and lncRNA GAS5 in Liquid Biopsies for Predicting the Outcome of Malignant Pleural Mesothelioma Patients Treated with Neo-Adjuvant Chemotherapy and Surgery. <i>Non-coding RNA</i> , 2019, 5, 41.	1.3	11
79	Emerging Arsenic Threat in Canada. <i>Science</i> , 2013, 342, 559-559.	6.0	10
80	Non-coding RNAs predict recurrence-free survival of patients with hypoxic tumours. <i>Scientific Reports</i> , 2018, 8, 152.	1.6	10
81	Janus or Hydra: The Many Faces of T Helper Cells in the Human Tumour Microenvironment. <i>Advances in Experimental Medicine and Biology</i> , 2020, 1224, 35-51.	0.8	10
82	Re: The Wnt Signaling Pathway in Non-Small Cell Lung Cancer. <i>Journal of the National Cancer Institute</i> , 2014, 106, dju188-dju188.	3.0	9
83	Targeting of chemoprevention to high-risk potentially malignant oral lesions: Challenges and opportunities. <i>Oral Oncology</i> , 2014, 50, 1123-1130.	0.8	9
84	Beyond sequence homology: Cellular biology limits the potential of XIST to act as a miRNA sponge. <i>PLoS ONE</i> , 2019, 14, e0221371.	1.1	9
85	The bronchial epithelial cell bacterial microbiome and host response in patients infected with human immunodeficiency virus. <i>BMC Pulmonary Medicine</i> , 2016, 16, 142.	0.8	8
86	Assessment of the clinical relevance of 17q25.3 copy number and three-dimensional telomere organization in non-small lung cancer patients. <i>Journal of Cancer Research and Clinical Oncology</i> , 2016, 142, 749-756.	1.2	8
87	Multiple Components of the VHL Tumor Suppressor Complex Are Frequently Affected by DNA Copy Number Loss in Pheochromocytoma. <i>International Journal of Endocrinology</i> , 2014, 2014, 1-9.	0.6	7
88	Profiling the small non-coding RNA transcriptome of the human placenta. <i>Scientific Data</i> , 2021, 8, 166.	2.4	7
89	MicroRNAs as Biomarkers for Clinical Features of Lung Cancer. <i>Metabolomics: Open Access</i> , 2012, 02, 1000108.	0.1	6
90	Gene expression analysis of microtubule affinity-regulating kinase 2 in non-small cell lung cancer. <i>Genomics Data</i> , 2015, 6, 145-148.	1.3	6

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91	Upgrading the Repertoire of miRNAs in Gastric Adenocarcinoma to Provide a New Resource for Biomarker Discovery. <i>International Journal of Molecular Sciences</i> , 2019, 20, 5697.	1.8	6
92	Small Non-Coding RNAs in the Human Placenta: Regulatory Roles and Clinical Utility. <i>Frontiers in Genetics</i> , 2022, 13, 868598.	1.1	6
93	Deregulation of a Cis-Acting lncRNA in Non-small Cell Lung Cancer May Control HMGA1 Expression. <i>Frontiers in Genetics</i> , 2020, 11, 615378.	1.1	5
94	Human placental piwi-interacting RNA transcriptome is characterized by expression from the DLK1-DIO3 imprinted region. <i>Scientific Reports</i> , 2021, 11, 14981.	1.6	4
95	Identification of Mir-145 and Mir-146a as Micrnas Involved in the Pathogenesis of 5q- Syndrome. <i>Blood</i> , 2008, 112, 853-853.	0.6	3
96	Analysis of GWAS-nominated loci for lung cancer and COPD revealed a new asthma locus. <i>BMC Pulmonary Medicine</i> , 2022, 22, 155.	0.8	3
97	P2.01-065 Quantification of Tumor-Immune Cell Spatial Relationships in the Lung Tumor Microenvironment Using Single Cell Profiling. <i>Journal of Thoracic Oncology</i> , 2017, 12, S826-S827.	0.5	2
98	Functional role of the cancer microbiome in the solid tumour niche. <i>Current Research in Immunology</i> , 2021, 2, 1-6.	1.2	2
99	P2.01-022 A PIWI-Interacting RNAs Co-Expression Networks as a Prognostic Factor in Lung Cancer. <i>Journal of Thoracic Oncology</i> , 2017, 12, S797-S798.	0.5	1
100	P2.01-024 Expression of miR-106 Paralogs Improves Prognostic Value of Mesenchymal Signatures but Only miR-106b Promotes Invasiveness. <i>Journal of Thoracic Oncology</i> , 2017, 12, S799.	0.5	1
101	Small Noncoding RNA Expression in Cancer. , 2019, , .		1
102	Tumour Suppressor Genes with Oncogenic Roles in Lung Cancer. , 0, , .		1
103	Genetic and Epigenetic Mechanisms Deregulate the CRL2pVHL Complex in Hepatocellular Carcinoma. <i>Frontiers in Genetics</i> , 2022, 13, .	1.1	1
104	Emerging challenges for the management of arsenic-induced lung cancer. <i>Lung Cancer Management</i> , 2012, 1, 243-246.	1.5	0
105	ELF3 amplification at 1q32.1 promotes SMAD4-independent tumorigenesis. <i>Journal of Thoracic Oncology</i> , 2016, 11, S20-S21.	0.5	0
106	Natural antisense transcript deregulation in non-small cell lung cancer. <i>Journal of Thoracic Oncology</i> , 2016, 11, S43-S44.	0.5	0
107	P2.01-037 Molecular Biology Underlying COPD and Lung Cancer Converge on FOXM1 Network. <i>Journal of Thoracic Oncology</i> , 2017, 12, S807-S808.	0.5	0
108	P3.01-051 Analysis of Molecular Aberrations Associated with COPD in Patients with Lung Cancer. <i>Journal of Thoracic Oncology</i> , 2017, 12, S1150-S1151.	0.5	0

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109	P1.02-073 Characterizing the Genomes of Lung Adenocarcinomas from Never Smokers Reveals SHPRH as a Novel Candidate Tumor Suppressor Gene. <i>Journal of Thoracic Oncology</i> , 2017, 12, S532-S533.	0.5	0
110	P2.01-015 Differentially Expressed microRNAs in Lung Adenocarcinoma Invert Effects of Copy Number Aberrations of Prognostic Genes. <i>Journal of Thoracic Oncology</i> , 2017, 12, S792-S793.	0.5	0
111	P2.01-023 Deregulation of Small Non-Coding RNAs at the DLK1-DIO3 Imprinted Locus Predicts Lung Adenocarcinoma Patient Outcome. <i>Journal of Thoracic Oncology</i> , 2017, 12, S798.	0.5	0
112	P3.01-049 ELF3 Overexpression Leads to Oncogenic Reprogramming of Protein Interactions Exposing Therapeutically Actionable Targets. <i>Journal of Thoracic Oncology</i> , 2017, 12, S1149-S1150.	0.5	0
113	MA02.03 Expression of Oncofetal miRNAs Inactivates NFIB, a Developmental Transcription Factor Linked to Tumor Aggressiveness in Lung Adenocarcinoma. <i>Journal of Thoracic Oncology</i> , 2017, 12, S349-S350.	0.5	0
114	MA02.08 Deregulation of Cis-Acting Long Non-Coding RNAs in Non-Small Cell Lung Cancer. <i>Journal of Thoracic Oncology</i> , 2017, 12, S351.	0.5	0
115	MA02.09 Long Non-Coding RNA Expression from Pseudogene Loci as a Novel Mechanism of Cancer Gene Regulation. <i>Journal of Thoracic Oncology</i> , 2017, 12, S352.	0.5	0
116	P1.02-052 Signal Regulatory Protein a (SIRPA): A Key Regulator of the EGFR Pathway Demonstrates Both Tumor Suppressive and Oncogenic Properties. <i>Journal of Thoracic Oncology</i> , 2017, 12, S519.	0.5	0
117	Oncogenetics of Lung Cancer Induced by Environmental Carcinogens. , 0, , .		0
118	Editorial: Human and Oncoviral Non-Coding RNAs as Modulators of Cancer Aggressiveness and Disease Progression. <i>Frontiers in Oncology</i> , 2020, 10, 641725.	1.3	0
119	TMPRSS2-ERG status and biochemical recurrence following radiotherapy for intermediate-risk prostate cancer.. <i>Journal of Clinical Oncology</i> , 2012, 30, 11-11.	0.8	0
120	Abstract B26: OIP5-Antisense 1, a long noncoding RNA deregulated in non-small cell lung cancer. , 2016, , .		0
121	Abstract A21: MiR-106a and miR-106b affect growth and metastasis of lung adenocarcinoma. , 2016, , .		0
122	Abstract 3668: Investigating a tumor suppressor role for Parkinson's susceptibility gene LRRK2 in lung cancer. , 2016, , .		0
123	Abstract A28: Differentially expressed microRNA profiles in pancreatic ductal and ampullary adenocarcinomas. , 2016, , .		0
124	Abstract B15: Increased presence of T follicular helper cells in lung adenocarcinoma is associated with mutational load. , 2018, , .		0
125	Abstract A26: Identification of a novel therapeutic target in lung adenocarcinoma. , 2018, , .		0
126	Abstract A04: Altered expression of lncRNAs overlapping pseudogene loci as an alternative mechanism of cancer gene regulation. , 2018, , .		0

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127	Abstract B36: Novel miRNAs as tissue-of-origin markers for distinguishing malignant pleural mesothelioma from lung adenocarcinoma. , 2018, , .		0
128	Abstract PR11: Hyperspectral imaging tools capture the spatial organization of cell subsets within the tumor microenvironment. , 2018, , .		0
129	Abstract A02: Oncogenic drivers of lung cancer induce production of CCL5 and recruitment of regulatory T-cells. , 2018, , .		0
130	Abstract A07: Alterations in G2/M phase associated transcriptional networks highlight lung cancer predisposition in COPD patients. , 2018, , .		0