Hans Rr BrunnstrÃ¶m

List of Publications by Year
in descending order

99 papers	5,887 citations	172457 29 h-index	88630 70 g-index
110 all docs	110 docs citations	110 times ranked	12253 citing authors

#	Article	IF	Citations
1	A pathology atlas of the human cancer transcriptome. Science, 2017, 357, .	12.6	2,570
2	Large-scale association analysis identifies new lung cancer susceptibility loci and heterogeneity in genetic susceptibility across histological subtypes. Nature Genetics, 2017, 49, 1126-1132.	21.4	472
3	Cause of death in patients with dementia disorders. European Journal of Neurology, 2009, 16, 488-492.	3.3	194
4	PD-L1 immunohistochemistry in clinical diagnostics of lung cancer: inter-pathologist variability is higher than assay variability. Modern Pathology, 2017, 30, 1411-1421.	5.5	151
5	Mutation patterns in a population-based non-small cell lung cancer cohort and prognostic impact of concomitant mutations in KRAS and TP53 or STK11. Lung Cancer, 2019, 130, 50-58.	2.0	127
6	Prevalence of dementia subtypes: A 30-year retrospective survey of neuropathological reports. Archives of Gerontology and Geriatrics, 2009, 49, 146-149.	3.0	118
7	Genome-wide DNA Methylation Analysis of Lung Carcinoma Reveals One Neuroendocrine and Four Adenocarcinoma Epitypes Associated with Patient Outcome. Clinical Cancer Research, 2014, 20, 6127-6140.	7.0	91
8	Shared heritability and functional enrichment across six solid cancers. Nature Communications, 2019, 10, 431.	12.8	88
9	Profiling cancer testis antigens in non–small-cell lung cancer. JCI Insight, 2016, 1, e86837.	5.0	82
10	Obesity, metabolic factors and risk of different histological types of lung cancer: A Mendelian randomization study. PLoS ONE, 2017, 12, e0177875.	2.5	79
11	A clonal expression biomarker associates with lung cancer mortality. Nature Medicine, 2019, 25, 1540-1548.	30.7	75
12	Causal relationships between body mass index, smoking and lung cancer: Univariable and multivariable Mendelian randomization. International Journal of Cancer, 2021, 148, 1077-1086.	5.1	73
13	The Impact of the Fourth Edition of the WHO Classification of Lung Tumours on Histological Classification of Resected Pulmonary NSCCs. Journal of Thoracic Oncology, 2016, 11, 862-872.	1.1	70
14	Staf50 is a novel p53 target gene conferring reduced clonogenic growth of leukemic U-937 cells. Oncogene, 2004, 23, 4050-4059.	5.9	66
15	Expression of scavenger receptor <scp>MARCO</scp> defines a targetable tumor–associated macrophage subset in non–small cell lung cancer. International Journal of Cancer, 2018, 143, 1741-1752.	5.1	65
16	Mutational and gene fusion analyses of primary large cell and large cell neuroendocrine lung cancer. Oncotarget, 2015, 6, 22028-22037.	1.8	61
17	Clinicopathological Concordance in Dementia Diagnostics. American Journal of Geriatric Psychiatry, 2009, 17, 664-670.	1.2	60
18	Identification of susceptibility pathways for the role of chromosome 15q25.1 in modifying lung cancer risk. Nature Communications, 2018, 9, 3221.	12.8	60

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19	Immunohistochemistry in the Differential Diagnostics of Primary Lung Cancer. American Journal of Clinical Pathology, 2013, 140, 37-46.	0.7	56
20	Thymoma: a clinicopathological correlation of 1470 cases. Human Pathology, 2018, 73, 7-15.	2.0	54
21	Prognostic Impact of Tumor Cell Programmed Death Ligand 1 Expression and Immune Cell Infiltration in NSCLC. Journal of Thoracic Oncology, 2019, 14, 628-640.	1.1	54
22	Differential degeneration of the locus coeruleus in dementia subtypes. , 2011, 30, 104-110.		46
23	Clinical framework for next generation sequencing based analysis of treatment predictive mutations and multiplexed gene fusion detection in non-small cell lung cancer. Oncotarget, 2017, 8, 34796-34810.	1.8	45
24	Gene Expression Profiling of Large Cell Lung Cancer Links Transcriptional Phenotypes to the New Histological WHO 2015 Classification. Journal of Thoracic Oncology, 2017, 12, 1257-1267.	1.1	43
25	Fine mapping of MHC region in lung cancer highlights independent susceptibility loci by ethnicity. Nature Communications, 2018, 9, 3927.	12.8	43
26	Immunohistochemical profiles in primary lung cancers and epithelial pulmonary metastases. Human Pathology, 2019, 84, 221-230.	2.0	39
27	Synchrotron-based phase-contrast micro-CT as a tool for understanding pulmonary vascular pathobiology and the 3-D microanatomy of alveolar capillary dysplasia. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2020, 318, L65-L75.	2.9	38
28	Diagnostic Value of Insulinoma-Associated Protein 1 (INSM1) and Comparison With Established Neuroendocrine Markers in Pulmonary Cancers. Archives of Pathology and Laboratory Medicine, 2020, 144, 1075-1085.	2.5	38
29	Proteogenomics of non-small cell lung cancer reveals molecular subtypes associated with specific therapeutic targets and immune-evasion mechanisms. Nature Cancer, 2021, 2, 1224-1242.	13.2	37
30	Circulating high sensitivity C reactive protein concentrations and risk of lung cancer: nested case-control study within Lung Cancer Cohort Consortium. BMJ: British Medical Journal, 2019, 364, k4981.	2.3	36
31	Inconsistent results in the analysis of ALK rearrangements in non-small cell lung cancer. BMC Cancer, 2016, 16, 603.	2.6	33
32	Transcriptomeâ€‘wide association study reveals candidate causal genes for lung cancer. International Journal of Cancer, 2020, 146, 1862-1878.	5.1	33
33	Cerebrospinal fluid biomarker results in relation to neuropathological dementia diagnoses. Alzheimer's and Dementia, 2010, 6, 104-109.	0.8	31
34	Protein-altering germline mutations implicate novel genes related to lung cancer development. Nature Communications, 2020, 11, 2220.	12.8	31
35	Genome-wide interaction study of smoking behavior and non-small cell lung cancer risk in Caucasian population. Carcinogenesis, 2018, 39, 336-346.	2.8	29
36	Comparison of Three Different TTF-1 Clones in Resected Primary Lung Cancer and Epithelial Pulmonary Metastases. American Journal of Clinical Pathology, 2018, 150, 533-544.	0.7	27

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37	Various Antibody Clones of Napsin A, Thyroid Transcription Factor 1, and p40 and Comparisons With Cytokeratin 5 and p63 in Histopathologic Diagnostics of Non–Small Cell Lung Carcinoma. Applied Immunohistochemistry and Molecular Morphology, 2016, 24, 648-659.	1.2	26
38	CA 19-9 and CA 125 as potential predictors of disease recurrence in resectable lung adenocarcinoma. PLoS ONE, 2017, 12, e0186284.	2.5	26
39	Genetic interaction analysis among oncogenesis-related genes revealed novel genes and networks in lung cancer development. Oncotarget, 2019, 10, 1760-1774.	1.8	25
40	The prognostic impact of the tumour stroma fraction: A machine learning-based analysis in 16 human solid tumour types. EBioMedicine, 2021, 65, 103269.	6.1	25
41	Correlations of CSF tau and amyloid levels with Alzheimer pathology in neuropathologically verified dementia with Lewy bodies. International Journal of Geriatric Psychiatry, 2013, 28, 738-744.	2.7	22
42	History of depression prior to Alzheimer's disease and vascular dementia verified post-mortem. Archives of Gerontology and Geriatrics, 2013, 56, 80-84.	3.0	21
43	An Integrative Analysis of Transcriptome and Epigenome Features of ASCL1–Positive Lung Adenocarcinomas. Journal of Thoracic Oncology, 2018, 13, 1676-1691.	1.1	21
44	Elevated Platelet Count Appears to Be Causally Associated with Increased Risk of Lung Cancer: A Mendelian Randomization Analysis. Cancer Epidemiology Biomarkers and Prevention, 2019, 28, 935-942.	2.5	21
45	Comprehensive functional annotation of susceptibility variants identifies genetic heterogeneity between lung adenocarcinoma and squamous cell carcinoma. Frontiers of Medicine, 2021, 15, 275-291.	3.4	21
46	FGFR1 overexpression in non-small cell lung cancer is mediated by genetic and epigenetic mechanisms and is a determinant of FGFR1 inhibitor response. European Journal of Cancer, 2021, 151, 136-149.	2.8	20
47	Genome-wide association meta-analysis identifies pleiotropic risk loci for aerodigestive squamous cell cancers. PLoS Genetics, 2021, 17, e1009254.	3.5	19
48	Distinct types of plexiform lesions identified by synchrotron-based phase-contrast micro-CT. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2021, 321, L17-L28.	2.9	19
49	Pre-operative plasma cell-free circulating tumor DNA and serum protein tumor markers as predictors of lung adenocarcinoma recurrence. Acta Oncológica, 2019, 58, 1079-1086.	1.8	18
50	Histological specificity of alterations and expression of *KIT* and *KITLG* in non–small cell lung carcinoma. Genes Chromosomes and Cancer, 2013, 52, 1088-1096.	2.8	17
51	Reaching the limits of prognostication in non-small cell lung cancer: an optimized biomarker panel fails to outperform clinical parameters. Modern Pathology, 2017, 30, 964-977.	5.5	17
52	An integrative transcriptome analysis reveals a functional role for thyroid transcription factor–1 in small cell lung cancer. Journal of Pathology, 2018, 246, 154-165.	4.5	17
53	A combined gene expression tool for parallel histological prediction and gene fusion detection in non-small cell lung cancer. Scientific Reports, 2019, 9, 5207.	3.3	17
54	Haem iron intake and risk of lung cancer in the European Prospective Investigation into Cancer and Nutrition (EPIC) cohort. European Journal of Clinical Nutrition, 2019, 73, 1122-1132.	2.9	17

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55	Predictive molecular pathology in the time of coronavirus disease (COVID-19) in Europe. Journal of Clinical Pathology, 2021, 74, 391-395.	2.0	17
56	Evaluation of NTRK immunohistochemistry as a screening method for NTRK gene fusion detection in non-small cell lung cancer. Lung Cancer, 2021, 151, 53-59.	2.0	17
57	Infiltration of NK and plasma cells is associated with a distinct immune subset in non-small cell lung cancer. Journal of Pathology, 2021, 255, 243-256.	4.5	17
58	Circulating cotinine concentrations and lung cancer risk in the Lung Cancer Cohort Consortium (LC3). International Journal of Epidemiology, 2018, 47, 1760-1771.	1.9	15
59	Comparison of four neuropathological scales for Alzheimer's disease. , 2011, 30, 56-69.		15
60	PD-L1 amplification is associated with an immune cell rich phenotype in squamous cell cancer of the lung. Cancer Immunology, Immunotherapy, 2021, 70, 2577-2587.	4.2	14
61	Mucin staining is of limited value in addition to basic immunohistochemical analyses in the diagnostics of non-small cell lung cancer. Scientific Reports, 2019, 9, 1319.	3.3	11
62	Comprehensive analysis of RNA binding motif protein 3 (RBM3) in non-small cell lung cancer. Cancer Medicine, 2020, 9, 5609-5619.	2.8	10
63	A gene expression-based single sample predictor of lung adenocarcinoma molecular subtype and prognosis. International Journal of Cancer, 2021, 148, 238-251.	5.1	10
64	PD-L1 Testing in Cytological Non-Small Cell Lung Cancer Specimens: A Comparison with Biopsies and Review of the Literature. Acta Cytologica, 2021, 65, 501-509.	1.3	9
65	Reference standards for gene fusion molecular assays on cytological samples: an international validation study. Journal of Clinical Pathology, 2023, 76, 47-52.	2.0	9
66	The Accuracy of Short Clinical Rating Scales in Neuropathologically Diagnosed Dementia. American Journal of Geriatric Psychiatry, 2010, 18, 810-820.	1.2	8
67	ASCL1 promotes tumor progression through cell-autonomous signaling and immune modulation in a subset of lung adenocarcinoma. Cancer Letters, 2020, 489, 121-132.	7.2	8
68	Typical and atypical carcinoid tumors of the lung: a clinicopathological correlation of 783 cases with emphasis on histological features. Human Pathology, 2020, 98, 98-109.	2.0	8
69	Targeted sequencing may facilitate differential diagnostics of pulmonary tumours: a case series. Diagnostic Pathology, 2017, 12, 31.	2.0	7
70	Genome-wide association study of INDELs identified four novel susceptibility loci associated with lung cancer risk. International Journal of Cancer, 2020, 146, 2855-2864.	5.1	7
71	Integration of multiomic annotation data to prioritize and characterize inflammation and immune-related risk variants in squamous cell lung cancer. Genetic Epidemiology, 2021, 45, 99-114.	1.3	7
72	Difficulties in diagnostics of lung tumours in biopsies: an interpathologist concordance study evaluating the international diagnostic guidelines. Journal of Clinical Pathology, 2022, 75, 302-309.	2.0	7

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73	Staging of Lewy-related pathology in dementia. , 2012, 31, 216-223.		7
74	PD-L1 Expression in Non-Small Cell Lung Cancer Specimens: Association with Clinicopathological Factors and Molecular Alterations. International Journal of Molecular Sciences, 2022, 23, 4517.	4.1	7
75	Association Analysis of Driver Gene–Related Genetic Variants Identified Novel Lung Cancer Susceptibility Loci with 20,871 Lung Cancer Cases and 15,971 Controls. Cancer Epidemiology Biomarkers and Prevention, 2020, 29, 1423-1429.	2.5	6
76	Methylation Patterns and Chromatin Accessibility in Neuroendocrine Lung Cancer. Cancers, 2020, 12, 2003.	3.7	5
77	Immune checkpoint inhibitors of the PD-1/PD-L1-axis in non-small cell lung cancer: promise, controversies and ambiguities in the novel treatment paradigm. Scandinavian Journal of Clinical and Laboratory Investigation, 2020, 80, 360-369.	1.2	5
78	TGF-β2-mediated epithelial–mesenchymal transition and tumor-promoting effects in CMT64 cells are reflected in the transcriptomic signature of human lung adenocarcinoma. Scientific Reports, 2021, 11, 22380.	3.3	5
79	Clinical Utility of Targeted Sequencing in Lung Cancer: Experience From an Autonomous Swedish Health Care Center. JTO Clinical and Research Reports, 2020, 1, 100013.	1.1	4
80	Higher concordance of PD-L1 expression between biopsies and effusions in epithelioid than in nonepithelioid pleural mesothelioma. Cancer Cytopathology, 2021, 129, 468-478.	2.4	4
81	Factors Influencing Concordance of PD-L1 Expression between Biopsies and Cytological Specimens in Non-Small Cell Lung Cancer. Diagnostics, 2021, 11, 1927.	2.6	4
82	Genome-wide interaction analysis identified low-frequency variants with sex disparity in lung cancer risk. Human Molecular Genetics, 2022, 31, 2831-2843.	2.9	4
83	A 76–YEAR–OLD MAN WITH COGNITIVE AND NEUROLOGICAL SYMPTOMS. Brain Pathology, 2009, 19, 731-734.	4.1	3
84	A new efficient method to detect genetic interactions for lung cancer GWAS. BMC Medical Genomics, 2020, 13, 162.	1.5	3
85	Clinical significance of RBM3 expression in surgically treated colorectal lung metastases and paired primary tumors. Journal of Surgical Oncology, 2021, 123, 1144-1156.	1.7	3
86	Protein Signatures of Remodeled Airways in Transplanted Lungs with Bronchiolitis Obliterans Syndrome Obtained Using Laser-Capture Microdissection. American Journal of Pathology, 2021, 191, 1398-1411.	3.8	3
87	Feasibility of EBUS-TBNA for histopathological and molecular diagnostics of NSCLC—A retrospective single-center experience. PLoS ONE, 2022, 17, e0263342.	2.5	3
88	Ciliated (FOXJ1+) Cells Display Reduced Ferritin Light Chain in the Airways of Idiopathic Pulmonary Fibrosis Patients. Cells, 2022, 11, 1031.	4.1	3
89	Pulmonary arterial hypertension in systemic sclerosis—when criteria and pathobiology differ. Rheumatology, 2020, 59, 1177-1179.	1.9	2
90	Successful lung transplantation in a patient with rheumatoid arthritis suffering from obliterative bronchiolitis. Scandinavian Journal of Rheumatology, 2020, 49, 334-335.	1.1	2

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91	Resolving the biological paradox of aneurysm formation in children with tuberous sclerosis complex. JVS Vascular Science, 2021, 2, 72-78.	1.1	2
92	Real-World Diagnostic Accuracy and Use of Immunohistochemical Markers in Lung Cancer Diagnostics. Biomolecules, 2021, 11, 1721.	4.0	2
93	Iam hiQâ€"a novel pair of accuracy indices for imputed genotypes. BMC Bioinformatics, 2022, 23, 50.	2.6	2
94	Lack of supportive evidence for the use of immunohistochemical staining to identify occult regional lymph node metastases in primary lung cancer. Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin, 2014, 464, 429-434.	2.8	1
95	P1.14-37 Lung Cancer in Never-Smokers: A Nationwide Population Based Mapping of Targetable Alterations. Journal of Thoracic Oncology, 2019, 14, S568-S569.	1.1	1
96	PD-L1 immunohistochemistry in clinical diagnostics: Inter-pathologist variability is as high as assay variability.. Journal of Clinical Oncology, 2017, 35, e20637-e20637.	1.6	1
97	94P Lung cancer recurrence in patients with preoperative circulating tumor DNA and elevated tumor markers. Journal of Thoracic Oncology, 2018, 13, S52-S53.	1.1	0
98	Dachshund 2 protein, a novel neuroendocrine marker associated with favorable tumor characteristics and clinical outcome in colorectal cancer.. Journal of Clinical Oncology, 2013, 31, e14580-e14580.	1.6	0
99	Interventional and EBUS cytology in Sweden. Seminars in Diagnostic Pathology, 2022, , .	1.5	0