

# Helmut H Popper

## List of Publications by Year in descending order

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Version: 2024-02-01

112  
papers

4,310  
citations

136740

32  
h-index

114278

63  
g-index

118  
all docs

118  
docs citations

118  
times ranked

6918  
citing authors

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | European Respiratory Society guidelines for the diagnosis and management of lymphangioleiomyomatosis. <i>European Respiratory Journal</i> , 2010, 35, 14-26.   | 3.1 | 468       |
| 2  | Progression and metastasis of lung cancer. <i>Cancer and Metastasis Reviews</i> , 2016, 35, 75-91.   | 2.7 | 373       |
| 3  | A dual role for autophagy in a murine model of lung cancer. <i>Nature Communications</i> , 2014, 5, 3056.  | 5.8 | 369       |
| 4  | Consensus for EGFR Mutation Testing in Non-small Cell Lung Cancer: Results from a European Workshop. <i>Journal of Thoracic Oncology</i> , 2010, 5, 1706-1713.   | 0.5 | 273       |
| 5  | Integrative and comparative genomic analyses identify clinically relevant pulmonary carcinoid groups and unveil the supra-carcinoids. <i>Nature Communications</i> , 2019, 10, 3407.   | 5.8 | 132       |
| 6  | Atypical Adenomatous Hyperplasia of the Lung: A Probable Forerunner in the Development of Adenocarcinoma of the Lung. <i>Modern Pathology</i> , 2001, 14, 72-84.   | 2.9 | 131       |
| 7  | RANKL/RANK control Brca1 mutation-driven mammary tumors. <i>Cell Research</i> , 2016, 26, 761-774.   | 5.7 | 128       |
| 8  | Disruption of STAT3 signalling promotes KRAS-induced lung tumorigenesis. <i>Nature Communications</i> , 2015, 6, 6285.   | 5.8 | 124       |
| 9  | Prognostic significance of p16/cdkn2a loss in pleural malignant mesotheliomas. <i>Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin</i> , 2008, 453, 627-635.   | 1.4 | 106       |
| 10 | Toward an Improved Definition of the Tumor Spectrum Associated With <i>BAP1</i> Germline Mutations. <i>Journal of Clinical Oncology</i> , 2012, 30, e337-e340.   | 0.8 | 99        |
| 11 | Afatinib restrains K-RAS-driven lung tumorigenesis. <i>Science Translational Medicine</i> , 2018, 10, .  | 5.8 | 99        |
| 12 | Multicentre validation study of nucleic acids extraction from FFPE tissues. <i>Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin</i> , 2010, 457, 309-317.  | 1.4 | 93        |
| 13 | Atypical goblet cell hyperplasia in congenital cystic adenomatoid malformation as a possible preneoplasia for pulmonary adenocarcinoma in childhood: a genetic analysis. <i>Human Pathology</i> , 2004, 35, 565-570.   | 1.1 | 90        |
| 14 | Invasion of blood vessels as significant prognostic factor in radically resected T1-3N0M0 non-small-cell lung cancer. <i>European Journal of Cardio-thoracic Surgery</i> , 2004, 25, 439-442.  | 0.6 | 76        |
| 15 | Unbalanced chromosomal aberrations in neuroendocrine lung tumors as detected by comparative genomic hybridization. <i>Human Pathology</i> , 1998, 29, 1145-1149.   | 1.1 | 68        |
| 16 | Sarcomatoid carcinomas of the lung—are these histogenetically heterogeneous tumors?. <i>Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin</i> , 2006, 449, 455-461.   | 1.4 | 67        |
| 17 | Novel stereotactic body radiation therapy (SBRT)-based partial tumor irradiation targeting hypoxic segment of bulky tumors (SBRT-PATHY): improvement of the radiotherapy outcome by exploiting the bystander and abscopal effects. <i>Radiation Oncology</i> , 2019, 14, 21. | 1.2 | 67        |
| 18 | BAP1 Protein is a Progression Factor in Malignant Pleural Mesothelioma. <i>Pathology and Oncology Research</i> , 2014, 20, 145-151.  | 0.9 | 65        |

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|----|---|-----|-----------|
| 19 | Loss of adipose triglyceride lipase is associated with human cancer and induces mouse pulmonary neoplasia. <i>Oncotarget</i> , 2016, 7, 33832-33840.  | 0.8 | 63        |
| 20 | AIF-regulated oxidative phosphorylation supports lung cancer development. <i>Cell Research</i> , 2019, 29, 579-591.   | 5.7 | 58        |
| 21 | The position of pulmonary carcinoids within the spectrum of neuroendocrine tumors of the lung and other tissues. <i>Genes Chromosomes and Cancer</i> , 2002, 34, 78-85.   | 1.5 | 55        |
| 22 | JAK-STAT inhibition impairs KRAS-driven lung adenocarcinoma progression. <i>International Journal of Cancer</i> , 2019, 145, 3376-3388.   | 2.3 | 54        |
| 23 | Molecular Classification of Neuroendocrine Tumors of the Thymus. <i>Journal of Thoracic Oncology</i> , 2019, 14, 1472-1483.   | 0.5 | 53        |
| 24 | Long Noncoding RNA SBF2-AS1 Is Critical for Tumorigenesis of Early-Stage Lung Adenocarcinoma. <i>Molecular Therapy - Nucleic Acids</i> , 2019, 16, 543-553.   | 2.3 | 52        |
| 25 | Distribution and prognostic significance of gluconeogenesis and glycolysis in lung cancer. <i>Molecular Oncology</i> , 2020, 14, 2853-2867.   | 2.1 | 51        |
| 26 | Pathologists and liquid biopsies: to be or not to be?. <i>Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin</i> , 2016, 469, 601-609.  | 1.4 | 49        |
| 27 | Loss of heterozygosity on chromosome arm 11q in lung carcinoids. <i>Human Pathology</i> , 2001, 32, 333-338.  | 1.1 | 47        |
| 28 | The VEGF-system in primary pulmonary angiosarcomas and haemangioendotheliomas: New potential therapeutic targets?. <i>Lung Cancer</i> , 2009, 65, 49-55.  | 0.9 | 40        |
| 29 | Comparison of Formalin-Free Tissue Fixatives: A Proteomic Study Testing Their Application for Routine Pathology and Research. <i>Archives of Pathology and Laboratory Medicine</i> , 2011, 135, 744-752.                                  | 1.2 | 39        |
| 30 | Molecular testing in lung cancer in the era of precision medicine. <i>Translational Lung Cancer Research</i> , 2014, 3, 291-300.  | 1.3 | 38        |
| 31 | Significance of TP53 mutations as predictive markers of adjuvant cisplatin-based chemotherapy in completely resected non-small cell lung cancer. <i>Molecular Oncology</i> , 2014, 8, 555-564.  | 2.1 | 36        |
| 32 | Pulmonary mucinous adenocarcinomas: architectural patterns in correlation with genetic changes, prognosis and survival. <i>Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin</i> , 2015, 467, 675-686. | 1.4 | 36        |
| 33 | Bulk tumour cell migration in lung carcinomas might be more common than epithelial-mesenchymal transition and be differently regulated. <i>BMC Cancer</i> , 2018, 18, 717.  | 1.1 | 33        |
| 34 | Expression of adhesion molecules in allergic lung diseases. <i>Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin</i> , 2002, 440, 172-180.   | 1.4 | 32        |
| 35 | RANK rewires energy homeostasis in lung cancer cells and drives primary lung cancer. <i>Genes and Development</i> , 2017, 31, 2099-2112.  | 2.7 | 32        |
| 36 | The gastric juice aspiration syndrome (Mendelson syndrome). <i>Virchows Archiv A, Pathological Anatomy and Histopathology</i> , 1986, 409, 105-117.   | 1.4 | 31        |

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|----|---|-----|-----------|
| 37 | Clinical features and therapy of atypical and atypical bronchial carcinoid tumors (grade 1 and 2). <i>Journal of Thoracic Oncology</i> , 2011, 6, 1078-1084.  | 0.6 | 29        |
| 38 | Epigenetic downregulation of integrin $\alpha 7$ increases migratory potential and confers poor prognosis in malignant pleural mesothelioma. <i>Journal of Pathology</i> , 2015, 237, 203-214.  | 2.1 | 28        |
| 39 | Influence of eukaryotic translation initiation factor 6 on non-small cell lung cancer development and progression. <i>European Journal of Cancer</i> , 2018, 101, 165-180.  | 1.3 | 28        |
| 40 | Bronchiolitis, an update. <i>Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin</i> , 2000, 437, 471-481.   | 1.4 | 26        |
| 41 | Analysis of chromosome-11 aberrations in pulmonary and gastrointestinal carcinoids: an array comparative genomic hybridization-based study. <i>Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin</i> , 2004, 445, 151-9. | 1.4 | 26        |
| 42 | Primary patient-derived lung adenocarcinoma cell culture challenges the association of cancer stem cells with epithelial-to-mesenchymal transition. <i>Scientific Reports</i> , 2017, 7, 10040.   | 1.6 | 26        |
| 43 | Expression patterns and prognostic relevance of subtype-specific transcription factors in surgically resected small cell lung cancer: an international multicenter study. <i>Journal of Pathology</i> , 2022, 257, 674-686.                                 | 2.1 | 26        |
| 44 | Epidermal Growth Factor Receptor Mutation-Positive Non-Small-Cell Lung Cancer in the Real-World Setting in Central Europe. <i>Journal of Thoracic Oncology</i> , 2015, 10, 1370-1374.   | 0.5 | 25        |
| 45 | Management of malignant pleural mesothelioma: part 1: epidemiology, diagnosis, and staging. <i>Wiener Klinische Wochenschrift</i> , 2016, 128, 611-617.   | 1.0 | 25        |
| 46 | The integrated stress response is tumorigenic and constitutes a therapeutic liability in KRAS-driven lung cancer. <i>Nature Communications</i> , 2021, 12, 4651.  | 5.8 | 22        |
| 47 | Immune cell landscape in therapy-naïve squamous cell and adenocarcinomas of the lung. <i>Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin</i> , 2018, 472, 589-598.   | 1.4 | 21        |
| 48 | Evaluation of formalin-free tissue fixation for RNA and microRNA studies. <i>Experimental and Molecular Pathology</i> , 2011, 91, 490-495.  | 0.9 | 20        |
| 49 | Prognostic value of cyclin A2 and B1 expression in lung carcinoids. <i>Pathology</i> , 2019, 51, 481-486.   | 0.3 | 20        |
| 50 | Cytomegalovirus associated neonatal pneumonia and Wilson-Mikity syndrome: a causal relationship?. <i>European Respiratory Journal</i> , 1999, 13, 460-462.  | 3.1 | 18        |
| 51 | Clinical and histopathological findings in two Turkish children with follicular bronchiolitis. <i>European Journal of Pediatrics</i> , 2001, 160, 223-226.  | 1.3 | 17        |
| 52 | Pleuropulmonary blastoma type I might arise in congenital pulmonary airway malformation type 4 by acquiring a Dicer 1 mutation. <i>Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin</i> , 2020, 477, 375-382.           | 1.4 | 16        |
| 53 | A mouse model to identify cooperating signaling pathways in cancer. <i>Nature Methods</i> , 2012, 9, 897-900.   | 9.0 | 15        |
| 54 | The Th17 pathway in the peripheral lung microenvironment interacts with expression of collagen V in the late state of experimental pulmonary fibrosis. <i>Immunobiology</i> , 2015, 220, 124-135.   | 0.8 | 15        |

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|----|---|-----|-----------|
| 55 | Atypical goblet cell hyperplasia occurs in CPAM 1, 2, and 3, and is a probable precursor lesion for childhood adenocarcinoma. <i>Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin</i> , 2020, 476, 843-854. | 1.4 | 15        |
| 56 | Primary tumor and metastasisâ€”sectioning the different steps of the metastatic cascade. <i>Translational Lung Cancer Research</i> , 2020, 9, 2277-2300.  | 1.3 | 14        |
| 57 | Applicability of pan-TRK immunohistochemistry for identification of NTRK fusions in lung carcinoma. <i>Scientific Reports</i> , 2021, 11, 9785.   | 1.6 | 14        |
| 58 | Minimal requirements for the molecular testing of lung cancer. <i>Translational Lung Cancer Research</i> , 2014, 3, 301-4.  | 1.3 | 14        |
| 59 | <scp>AKT</scp>3 drives adenoid cystic carcinoma development in salivary glands. <i>Cancer Medicine</i> , 2018, 7, 445-453.  | 1.3 | 13        |
| 60 | Triptolide inhibits epithelial-mesenchymal transition phenotype through the p70S6k/GSK3/Î²-catenin signaling pathway in taxol-resistant human lung adenocarcinoma. <i>Translational Lung Cancer Research</i> , 2021, 10, 1007-1019.             | 1.3 | 13        |
| 61 | Rheumatoid arthritis with extensive lung lesions.. <i>Thorax</i> , 1989, 44, 70-71.   | 2.7 | 12        |
| 62 | Cytotoxicity of Chromium-III and â€“ VI Compounds. I in Vitro Studies Using Different Cell Culture Systems. <i>Inhalation Toxicology</i> , 1993, 5, 345-369.  | 0.8 | 12        |
| 63 | Comparison of four DLL3 antibodies performance in high grade neuroendocrine lung tumor samples and cell cultures. <i>Diagnostic Pathology</i> , 2019, 14, 47.   | 0.9 | 12        |
| 64 | Commentary on tumor heterogeneity. <i>Translational Lung Cancer Research</i> , 2016, 5, 433-435.  | 1.3 | 11        |
| 65 | Genomic and transcriptional alterations in first-line chemotherapy exert a potentially unfavorable influence on subsequent immunotherapy in NSCLC. <i>Theranostics</i> , 2021, 11, 7092-7109.   | 4.6 | 11        |
| 66 | Lung Adenocarcinomas: Comparison Between Mice and Men. <i>Methods in Molecular Biology</i> , 2015, 1267, 19-43.   | 0.4 | 11        |
| 67 | Activation and release of enzymes and major basic protein from guinea pig eosinophil granulocytes induced by different inflammatory stimuli and other substances. <i>Inflammation</i> , 1989, 13, 147-162.                                      | 1.7 | 10        |
| 68 | A case of Fournierâ€™s gangrene after hydrocelectomy. <i>Central European Journal of Urology</i> , 2012, 65, 92-93.   | 0.2 | 10        |
| 69 | Severe primary pulmonary lymphangiectasis in a premature infant: Management and follow up to early childhood. <i>Pediatrics International</i> , 2015, 57, 166-169.  | 0.2 | 8         |
| 70 | Interstitial lung diseasesâ€”can pathologists arrive at an etiology-based diagnosis? A critical update. <i>Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin</i> , 2013, 462, 1-26.                          | 1.4 | 7         |
| 71 | Old dilemma: asthma with irreversible airway obstruction or COPD. <i>Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin</i> , 2015, 467, 583-593.   | 1.4 | 7         |
| 72 | Cons: the confusing mucinous adenocarcinoma classification. <i>Translational Lung Cancer Research</i> , 2007, 6, 234-240.   | 1.3 | 6         |

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|----|---|-----|-----------|
| 73 | Usual interstitial pneumonia and smoking-related interstitial fibrosis display epithelial to mesenchymal transition in fibroblastic foci. <i>Respiratory Medicine</i> , 2014, 108, 1377-1386.   | 1.3 | 6         |
| 74 | Multicenter Phase II Study Evaluating Two Cycles of Docetaxel, Cisplatin and Cetuximab as Induction Regimen Prior to Surgery in Chemotherapy-Naive Patients with NSCLC Stage IB-IIIa (INNO6-Study). <i>PLoS ONE</i> , 2015, 10, e0125364.                               | 1.1 | 6         |
| 75 | Recommendations of the Austrian Working Group on Pulmonary Pathology and Oncology for predictive molecular and immunohistochemical testing in non-small cell lung cancer. <i>Memo - Magazine of European Medical Oncology</i> , 2016, 9, 191-200.                       | 0.3 | 6         |
| 76 | Senescence and autophagy in usual interstitial pneumonia of different etiology. <i>Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin</i> , 2021, 478, 497-506.   | 1.4 | 6         |
| 77 | Signal Transducer and Activator of Transcription 1 (STAT1) Knock-down Induces Apoptosis in Malignant Pleural Mesothelioma. <i>Pathology and Oncology Research</i> , 2017, 23, 595-605.  | 0.9 | 5         |
| 78 | Lung Cancer in Austria. <i>Journal of Thoracic Oncology</i> , 2021, 16, 725-733.  | 0.5 | 5         |
| 79 | Diagnosis and Molecular Profiles of Large Cell Neuroendocrine Carcinoma With Potential Targets for Therapy. <i>Frontiers in Oncology</i> , 2021, 11, 655752.  | 1.3 | 5         |
| 80 | The 2020 update of the recommendations of the Austrian working group on lung pathology and oncology for the diagnostic workup of non-small cell lung cancer with focus on predictive biomarkers. <i>Memo - Magazine of European Medical Oncology</i> , 2020, 13, 11-26. | 0.3 | 5         |
| 81 | A case of descending colon carcinoma metastasized to left spermatic cord, testis, and epididymis. <i>Central European Journal of Urology</i> , 2012, 65, 94-95.   | 0.2 | 4         |
| 82 | Recommendations of the Austrian Working Group on Lung Pathology and Oncology for predictive molecular and immunohistochemical testing in non-small cell lung cancer. <i>Memo - Magazine of European Medical Oncology</i> , 2013, 6, 83-91.                              | 0.3 | 3         |
| 83 | Proteomics – Tissue and Protein Microarrays and Antibody Array: What Information Is Provided?. <i>Archives of Pathology and Laboratory Medicine</i> , 2008, 132, 1570-1572.   | 1.2 | 3         |
| 84 | Fatal pulmonary involvement in a patient with familial hemophagocytic lymphohistiocytosis. <i>Pediatric Pulmonology</i> , 1994, 17, 197-201.  | 1.0 | 2         |
| 85 | Manipulation of the immune system by non-small cell lung cancer and possible therapeutic interference. , 2020, 3, 710-725.  |     | 2         |
| 86 | Rebuttal from Professor Helmut H. Popper. <i>Translational Lung Cancer Research</i> , 2007, 6, 243-245.   | 1.3 | 1         |
| 87 | Molecular oncology in lung cancer – between biomarkers and clinical application. Relevance of the Ras – Raf – MEK – ERK pathway. <i>Memo - Magazine of European Medical Oncology</i> , 2011, 4, 242-247.  | 0.3 | 1         |
| 88 | A histology-based algorithm in the molecular diagnosis of mutations of the epidermal growth factor receptor (EGFR) – in non-small-cell lung cancer (NSCLC)*. <i>Memo - Magazine of European Medical Oncology</i> , 2011, 4, 248-253.                                    | 0.3 | 1         |
| 89 | EGFR Autophosphorylation but Not Protein Score Correlates With Histologic and Molecular Subtypes in Lung Adenocarcinoma. <i>Diagnostic Molecular Pathology</i> , 2013, 22, 204-209.   | 2.1 | 1         |
| 90 | Myopericytoma arising from myopericytosis – a hitherto unrecognized entity within the lung. <i>Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin</i> , 2021, 478, 841-849.   | 1.4 | 1         |

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|-----|--|-----|-----------|
| 91  | Lung Tumors. , 2017, , 353-575.  |     | 1         |
| 92  | Pediatric Diseases. , 2017, , 21-57.   |     | 1         |
| 93  | Lung fibrosis in autoimmune diseases and hypersensitivity: how to separate these from idiopathic pulmonary fibrosis. Rheumatology International, 2021, , 1.  | 1.5 | 1         |
| 94  | Introduction to Continuing Special Series. Archives of Pathology and Laboratory Medicine, 2010, 134, 23-23.  | 1.2 | 1         |
| 95  | The laminin A4 is expressed in interstitial lung disease associated with lupus and scleroderma. Annals of the Rheumatic Diseases, 2011, 70, A85-A85.   | 0.5 | 0         |
| 96  | Introduction to Continuing Special Series. Archives of Pathology and Laboratory Medicine, 2012, 136, 240-240.  | 1.2 | 0         |
| 97  | Introduction to Continuing Special Series. Archives of Pathology and Laboratory Medicine, 2012, 136, 356-356.  | 1.2 | 0         |
| 98  | The pathology of low and intermediate neuroendocrine lung tumors. Memo - Magazine of European Medical Oncology, 2013, 6, 22-25.  | 0.3 | 0         |
| 99  | An academic pathological dilemma. Memo - Magazine of European Medical Oncology, 2014, 7, 75-77.  | 0.3 | 0         |
| 100 | Difficult diagnosis and rare morphology of lymphangioliomyomatosis with giant cysts. Respiratory Medicine Case Reports, 2019, 28, 100873.  | 0.2 | 0         |
| 101 | Human malignant pleura mesothelioma â€•a threeâ€•dimensional (3D) tumor model. FASEB Journal, 2006, 20, A216.  | 0.2 | 0         |
| 102 | Favored signaling pathways in shortâ€•and longâ€•term survivors of pleural mesothelioma. FASEB Journal, 2007, 21, A383.  | 0.2 | 0         |
| 103 | Molecular Signatures of Lung and Pleural Tumors: Joint Symposium of the European Working Groups for Molecular Pathology and Pulmonary Pathology, 21st European Congress of Pathology. Archives of Pathology and Laboratory Medicine, 2008, 132, 1549-1550. | 1.2 | 0         |
| 104 | Introduction to New Special Series. Archives of Pathology and Laboratory Medicine, 2009, 133, 851-851.   | 1.2 | 0         |
| 105 | Introduction to Continuing Special Series. Archives of Pathology and Laboratory Medicine, 2010, 134, 811-811.  | 1.2 | 0         |
| 106 | Airway Diseases. , 2017, , 77-102.   |     | 0         |
| 107 | Diseases of the Pleura. , 2017, , 645-674.   |     | 0         |
| 108 | Molecular Pathology of Lung Tumors. , 2017, , 611-638.   |     | 0         |

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|-----|---|-----|-----------|
| 109 | Experimental Lung Tumors. , 2017, , 675-696.  |     | 0         |
| 110 | Metastasis. , 2017, , 577-610.  |     | 0         |
| 111 | Congenital Pulmonary Airway Malformation (CPAM) Types 1â€“4. Essentials of Diagnostic Pathology, 2020, , 319-324.                                 | 0.0 | 0         |
| 112 | New developments in lung cancer diagnosis and pathological patient management strategies. Translational Lung Cancer Research, 2020, 9, 2191-2193. | 1.3 | 0         |