

Birgit Weynand

List of Publications by Year in descending order

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Version: 2024-02-01

60
papers

3,996
citations

279798

23
h-index

149698

56
g-index

74
all docs

74
docs citations

74
times ranked

7660
citing authors

#	ARTICLE	IF	CITATIONS
1	Phenotype molding of stromal cells in the lung tumor microenvironment. <i>Nature Medicine</i> , 2018, 24, 1277-1289.	30.7	1,126
2	A pan-cancer blueprint of the heterogeneous tumor microenvironment revealed by single-cell profiling. <i>Cell Research</i> , 2020, 30, 745-762.	12.0	391
3	An Integrated Gene Expression Landscape Profiling Approach to Identify Lung Tumor Endothelial Cell Heterogeneity and Angiogenic Candidates. <i>Cancer Cell</i> , 2020, 37, 21-36.e13.	16.8	253
4	Favipiravir at high doses has potent antiviral activity in SARS-CoV-2 ^Δ infected hamsters, whereas hydroxychloroquine lacks activity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 26955-26965.	7.1	240
5	STAT2 signaling restricts viral dissemination but drives severe pneumonia in SARS-CoV-2 infected hamsters. <i>Nature Communications</i> , 2020, 11, 5838.	12.8	225
6	A single-dose live-attenuated YF17D-vectored SARS-CoV-2 vaccine candidate. <i>Nature</i> , 2021, 590, 320-325.	27.8	148
7	EURACAN/IASLC Proposals for Updating the Histologic Classification of Pleural Mesothelioma: Towards a More Multidisciplinary Approach. <i>Journal of Thoracic Oncology</i> , 2020, 15, 29-49.	1.1	106
8	The omicron (B.1.1.529) SARS-CoV-2 variant of concern does not readily infect Syrian hamsters. <i>Antiviral Research</i> , 2022, 198, 105253.	4.1	104
9	Comparing infectivity and virulence of emerging SARS-CoV-2 variants in Syrian hamsters. <i>EBioMedicine</i> , 2021, 68, 103403.	6.1	102
10	Molnupiravir Inhibits Replication of the Emerging SARS-CoV-2 Variants of Concern in a Hamster Infection Model. <i>Journal of Infectious Diseases</i> , 2021, 224, 749-753.	4.0	95
11	The combined treatment of Molnupiravir and Favipiravir results in a potentiation of antiviral efficacy in a SARS-CoV-2 hamster infection model. <i>EBioMedicine</i> , 2021, 72, 103595.	6.1	91
12	The oral protease inhibitor (PF-07321332) protects Syrian hamsters against infection with SARS-CoV-2 variants of concern. <i>Nature Communications</i> , 2022, 13, 719.	12.8	86
13	Diagnostic Ability of a Dynamic Multidisciplinary Discussion in Interstitial Lung Diseases. <i>Chest</i> , 2018, 153, 1416-1423.	0.8	85
14	ACE2-binding exposes the SARS-CoV-2 fusion peptide to broadly neutralizing coronavirus antibodies. <i>Science</i> , 2022, 377, 735-742.	12.6	85
15	Altered generation of ciliated cells in chronic obstructive pulmonary disease. <i>Scientific Reports</i> , 2019, 9, 17963.	3.3	69
16	Global impact of the COVID-19 pandemic on cytopathology practice: Results from an international survey of laboratories in 23 countries. <i>Cancer Cytopathology</i> , 2020, 128, 885-894.	2.4	47
17	An affinity-enhanced, broadly neutralizing heavy chain ^Δ only antibody protects against SARS-CoV-2 infection in animal models. <i>Science Translational Medicine</i> , 2021, 13, eabi7826.	12.4	41
18	The histomorphological spectrum of restrictive chronic lung allograft dysfunction and implications for prognosis. <i>Modern Pathology</i> , 2018, 31, 780-790.	5.5	40

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19	Comprehensive Molecular and Pathologic Evaluation of Transitional Mesothelioma Assisted by Deep Learning Approach: A Multi-Institutional Study of the International Mesothelioma Panel from the MESOPATH Reference Center. <i>Journal of Thoracic Oncology</i> , 2020, 15, 1037-1053.	1.1	40
20	Consistency and reproducibility of next-generation sequencing in cytopathology: A second worldwide ring trial study on improved cytological molecular reference specimens. <i>Cancer Cytopathology</i> , 2019, 127, 285-296.	2.4	39
21	Nintedanib reduces radiation-induced microscopic lung fibrosis but this cannot be monitored by CT imaging: A preclinical study with a high precision image-guided irradiator. <i>Radiotherapy and Oncology</i> , 2017, 124, 482-487.	0.6	35
22	A Randomized Clinical Trial of Flex 19G Needles versus 22G Needles for Endobronchial Ultrasonography in Suspected Lung Cancer. <i>Respiration</i> , 2018, 96, 275-282.	2.6	35
23	Rapid clinical mutational testing of KRAS, BRAF and EGFR: a prospective comparative analysis of the Idylla technique with high-throughput next-generation sequencing. <i>Journal of Clinical Pathology</i> , 2020, 73, 35-41.	2.0	33
24	The concept of mesothelioma in situ, with consideration of its potential impact on cytology diagnosis. <i>Pathology</i> , 2021, 53, 446-453.	0.6	25
25	Interobserver variation in the assessment of the sarcomatoid and transitional components in biphasic mesotheliomas. <i>Modern Pathology</i> , 2020, 33, 255-262.	5.5	22
26	Immunohistochemistry as a screening tool for NTRK gene fusions: results of a first Belgian ring trial. <i>Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin</i> , 2021, 478, 283-291.	2.8	21
27	Itraconazole for COVID-19: preclinical studies and a proof-of-concept randomized clinical trial. <i>EBioMedicine</i> , 2021, 66, 103288.	6.1	21
28	Impact of Magnetic Resonance Imaging on Prostate Cancer Staging and European Association of Urology Risk Classification. <i>Urology</i> , 2019, 130, 113-119.	1.0	19
29	Predictive molecular pathology in the time of coronavirus disease (COVID-19) in Europe. <i>Journal of Clinical Pathology</i> , 2021, 74, 391-395.	2.0	17
30	The Milan system for reporting salivary gland cytopathology: Single center experience with cell blocks. <i>Diagnostic Cytopathology</i> , 2020, 48, 972-978.	1.0	16
31	MVA-CoV2-S Vaccine Candidate Neutralizes Distinct Variants of Concern and Protects Against SARS-CoV-2 Infection in Hamsters. <i>Frontiers in Immunology</i> , 2022, 13, 845969.	4.8	16
32	The pleural mesothelium and transforming growth factor- β 1 pathways in restrictive allograft syndrome: A pre-clinical investigation. <i>Journal of Heart and Lung Transplantation</i> , 2019, 38, 570-579.	0.6	15
33	COVID-19 pandemic impact on cytopathology practice in the post-lockdown period: An international, multicenter study. <i>Cancer Cytopathology</i> , 2022, 130, 344-351.	2.4	15
34	Role of 18F-FDG PET/CT in Restrictive Allograft Syndrome After Lung Transplantation. <i>Transplantation</i> , 2019, 103, 823-831.	1.0	13
35	Late-onset acute fibrinous and organising pneumonia impairs long-term lung allograft function and survival. <i>European Respiratory Journal</i> , 2020, 56, 1902292.	6.7	13
36	Phenotypical diversity of airway morphology in chronic lung graft vs. host disease after stem cell transplantation. <i>Modern Pathology</i> , 2019, 32, 817-829.	5.5	12

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37	Connective Tissue Growth Factor Is Overexpressed in Explant Lung Tissue and Broncho-Alveolar Lavage in Transplant-Related Pulmonary Fibrosis. <i>Frontiers in Immunology</i> , 2021, 12, 661761.	4.8	12
38	Establishing a Unified COVID-19 "Immunome": Integrating Coronavirus Pathogenesis and Host Immunopathology. <i>Frontiers in Immunology</i> , 2020, 11, 1642.	4.8	11
39	Quantitative analysis of airway obstruction in lymphangioleiomyomatosis. <i>European Respiratory Journal</i> , 2020, 56, 1901965.	6.7	10
40	Distinct Airway Involvement in Subtypes of End-Stage Fibrotic Pulmonary Sarcoidosis. <i>Chest</i> , 2021, 160, 562-571.	0.8	10
41	Development and External Validation of a Multiparametric Magnetic Resonance Imaging and International Society of Urological Pathology Based Add-On Prediction Tool to Identify Prostate Cancer Candidates for Pelvic Lymph Node Dissection. <i>Journal of Urology</i> , 2020, 203, 713-718.	0.4	10
42	Reference standards for gene fusion molecular assays on cytological samples: an international validation study. <i>Journal of Clinical Pathology</i> , 2023, 76, 47-52.	2.0	9
43	Beyond Bronchiolitis Obliterans: In-Depth Histopathologic Characterization of Bronchiolitis Obliterans Syndrome after Lung Transplantation. <i>Journal of Clinical Medicine</i> , 2022, 11, 111.	2.4	9
44	HIV protease inhibitors Nelfinavir and Lopinavir/Ritonavir markedly improve lung pathology in SARS-CoV-2-infected Syrian hamsters despite lack of an antiviral effect. <i>Antiviral Research</i> , 2022, 202, 105311.	4.1	8
45	TargetPlex FFPE-Direct DNA Library Preparation Kit for SiRe NGS panel: an international performance evaluation study. <i>Journal of Clinical Pathology</i> , 2022, 75, 416-421.	2.0	6
46	Histopathologic and radiologic assessment of nontransplanted donor lungs. <i>American Journal of Transplantation</i> , 2020, 20, 1712-1719.	4.7	5
47	Defining and predicting progression in non-IPF interstitial lung disease. <i>Respiratory Medicine</i> , 2021, 189, 106626.	2.9	5
48	The Use of Pan-Tropomyosin Receptor Kinase Immunohistochemistry as a Screening Tool for the Detection of Neurotrophic Tropomyosin-Related Kinase Fusions: Real-World Data from a National Multicentric Retrospective Study. <i>Pathobiology</i> , 2022, 89, 393-406.	3.8	5
49	Use of Micro-Computed Tomography to Visualize and Quantify COVID-19 Efficiency in Free-Breathing Hamsters. <i>Methods in Molecular Biology</i> , 2022, 2410, 177-192.	0.9	5
50	Lung Cancer in Belgium. <i>Journal of Thoracic Oncology</i> , 2021, 16, 1610-1621.	1.1	4
51	Ivermectin Does Not Protect against SARS-CoV-2 Infection in the Syrian Hamster Model. <i>Microorganisms</i> , 2022, 10, 633.	3.6	3
52	Targeted RNA sequencing for upfront analysis of actionable driver alterations in non-small cell lung cancer. <i>Lung Cancer</i> , 2022, 166, 242-249.	2.0	3
53	The use of p16/Ki-67 dual staining technology on cervical cytology of patients undergoing a LLETZ procedure. <i>European Journal of Obstetrics, Gynecology and Reproductive Biology</i> , 2018, 228, 191-196.	1.1	2
54	Hemoptysis after Lung Transplantation Caused by Bronchial Arterial Neovascularization: Angiographic Analysis and Successful Embolization. <i>Journal of Vascular and Interventional Radiology</i> , 2021, 32, 56-60.	0.5	2

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55	Outbreak of Silicosis in Workers Producing Artificial Stone Skirting Boards. <i>Chest</i> , 2022, 162, 406-409.	0.8	2
56	A Case of a Heterozygous Inactivating CASR Variant with Adult-Onset Symptomatic Hypercalcemia Requiring Extensive Surgery. <i>Calcified Tissue International</i> , 2020, 107, 104-108.	3.1	1
57	Itraconazole for COVID-19: Preclinical Studies and a Proof-of-Concept Pilot Clinical Study. <i>SSRN Electronic Journal</i> , 0, , .	0.4	1
58	Analysis of Vitreous Samples by the Cellient® Automated Cell Block System: A Six-year Review of Specimens in a Uveitis Population. <i>Ocular Immunology and Inflammation</i> , 2020, , 1-8.	1.8	0
59	Endometriotic lung cyst causing catamenial hemoptysis; a case report and review of literature. <i>Acta Chirurgica Belgica</i> , 2021, , 1-6.	0.4	0
60	Case Report: An Unusual Course of Angiosarcoma After Lung Transplantation. <i>Frontiers in Immunology</i> , 2021, 12, 789851.	4.8	0