

Danny D Jonigk

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145
papers

5,312
citations

26
h-index

71
g-index

175
ext. papers

7,495
ext. citations

6.4
avg, IF

6.08
L-index

#	Paper	IF	Citations
145	Pulmonary Vascular Endothelialitis, Thrombosis, and Angiogenesis in Covid-19. <i>New England Journal of Medicine</i> , 2020 , 383, 120-128	59.2	2802
144	Anti-inflammatory and immunomodulatory properties of α -antitrypsin without inhibition of elastase. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013 , 110, 15007-12	11.5	169
143	Camostat mesylate inhibits SARS-CoV-2 activation by TMPRSS2-related proteases and its metabolite GBPA exerts antiviral activity. <i>EBioMedicine</i> , 2021 , 65, 103255	8.8	120
142	PPAR α agonist pioglitazone reverses pulmonary hypertension and prevents right heart failure via fatty acid oxidation. <i>Science Translational Medicine</i> , 2018 , 10,	17.5	113
141	Plexiform lesions in pulmonary arterial hypertension composition, architecture, and microenvironment. <i>American Journal of Pathology</i> , 2011 , 179, 167-79	5.8	108
140	PPAR α links BMP2 and TGF β pathways in vascular smooth muscle cells, regulating cell proliferation and glucose metabolism. <i>Cell Metabolism</i> , 2017 , 25, 1118-1134.e7	24.6	97
139	NADPH oxidase 4 is expressed in pulmonary artery adventitia and contributes to hypertensive vascular remodeling. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2014 , 34, 1704-15	9.4	87
138	Circulating angiopoietins in idiopathic pulmonary arterial hypertension. <i>European Heart Journal</i> , 2010 , 31, 2291-300	9.5	85
137	Plexiform vasculopathy of severe pulmonary arterial hypertension and microRNA expression. <i>Journal of Heart and Lung Transplantation</i> , 2012 , 31, 764-72	5.8	70
136	Streptococcus pneumoniae triggers progression of pulmonary fibrosis through pneumolysin. <i>Thorax</i> , 2015 , 70, 636-46	7.3	58
135	Notch1 signalling regulates endothelial proliferation and apoptosis in pulmonary arterial hypertension. <i>European Respiratory Journal</i> , 2016 , 48, 1137-1149	13.6	57
134	Acute-phase protein α -antitrypsin inhibits neutrophil calpain I and induces random migration. <i>Molecular Medicine</i> , 2011 , 17, 865-74	6.2	50
133	Z α -antitrypsin confers a proinflammatory phenotype that contributes to chronic obstructive pulmonary disease. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2014 , 189, 909-31	10.2	44
132	Bosentan inhibits oxidative and nitrosative stress and rescues occlusive pulmonary hypertension. <i>Free Radical Biology and Medicine</i> , 2013 , 56, 28-43	7.8	42
131	Targeting cyclin-dependent kinases for the treatment of pulmonary arterial hypertension. <i>Nature Communications</i> , 2019 , 10, 2204	17.4	39
130	C-type Lectin Mincle Recognizes Glucosyl-diacylglycerol of Streptococcus pneumoniae and Plays a Protective Role in Pneumococcal Pneumonia. <i>PLoS Pathogens</i> , 2016 , 12, e1006038	7.6	38
129	Amplification of mRNA from laser-microdissected single or clustered cells in formalin-fixed and paraffin-embedded tissues for application in quantitative real-time PCR. <i>Diagnostic Molecular Pathology</i> , 2008 , 17, 101-6		37

128	The Pathology of Severe COVID-19-Related Lung Damage. <i>Deutsches Arzteblatt International</i> , 2020 , 117, 500-506	2.5	35
127	Genetically diverse <i>Pseudomonas aeruginosa</i> populations display similar transcriptomic profiles in a cystic fibrosis explanted lung. <i>Nature Communications</i> , 2019 , 10, 3397	17.4	33
126	Assessment of long-term cultivated human precision-cut lung slices as an ex vivo system for evaluation of chronic cytotoxicity and functionality. <i>Journal of Occupational Medicine and Toxicology</i> , 2017 , 12, 13	2.7	31
125	Macrophage-inducible C-type lectin Mincle-expressing dendritic cells contribute to control of splenic <i>Mycobacterium bovis</i> BCG infection in mice. <i>Infection and Immunity</i> , 2015 , 83, 184-96	3.7	30
124	Functional testing of an inhalable nanoparticle based influenza vaccine using a human precision cut lung slice technique. <i>PLoS ONE</i> , 2013 , 8, e71728	3.7	30
123	Obliterative airway remodeling: molecular evidence for shared pathways in transplanted and native lungs. <i>American Journal of Pathology</i> , 2011 , 178, 599-608	5.8	28
122	Opposite effects of mepyramine on JNJ 7777120-induced amelioration of experimentally induced asthma in mice in sensitization and provocation. <i>PLoS ONE</i> , 2012 , 7, e30285	3.7	28
121	The sexual dimorphism associated with pulmonary hypertension corresponds to a fibrotic phenotype. <i>Pulmonary Circulation</i> , 2015 , 5, 184-97	2.7	26
120	COVID-19 is a systemic vascular hemopathy: insight for mechanistic and clinical aspects. <i>Angiogenesis</i> , 2021 , 24, 755-788	10.6	26
119	Molecular Profiling in Lung Biopsies of Human Pulmonary Allografts to Predict Chronic Lung Allograft Dysfunction. <i>American Journal of Pathology</i> , 2015 , 185, 3178-88	5.8	25
118	S100A8 and S100A9 Are Important for Postnatal Development of Gut Microbiota and Immune System in Mice and Infants. <i>Gastroenterology</i> , 2020 , 159, 2130-2145.e5	13.3	25
117	Redox regulation of epidermal growth factor receptor signaling during the development of pulmonary hypertension. <i>Free Radical Biology and Medicine</i> , 2016 , 95, 96-111	7.8	25
116	Morphomolecular motifs of pulmonary neoangiogenesis in interstitial lung diseases. <i>European Respiratory Journal</i> , 2020 , 55,	13.6	23
115	Nitration of tyrosine 247 inhibits protein kinase G-1 β activity by attenuating cyclic guanosine monophosphate binding. <i>Journal of Biological Chemistry</i> , 2014 , 289, 7948-61	5.4	23
114	Recipient-derived neoangiogenesis of arterioles and lymphatics in quilty lesions of cardiac allografts. <i>Transplantation</i> , 2007 , 84, 1335-42	1.8	23
113	Comparative analysis of morphological and molecular motifs in bronchiolitis obliterans and alveolar fibroelastosis after lung and stem cell transplantation. <i>Journal of Pathology: Clinical Research</i> , 2017 , 3, 17-28	5.3	22
112	Galectin-3 is expressed in vascular smooth muscle cells and promotes pulmonary hypertension through changes in proliferation, apoptosis, and fibrosis. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2019 , 316, L784-L797	5.8	22
111	Clinical Significance of Gene and Its Encoded Alpha1-antitrypsin Protein in NSCLC. <i>Cancers</i> , 2019 , 11,	6.6	21

110	Prediction of transplant outcome after 24-hour ex vivo lung perfusion using the Organ Care System in a porcine lung transplantation model. <i>American Journal of Transplantation</i> , 2019 , 19, 345-355	8.7	20
109	Recurrent HNSCC Harbor an Immunosuppressive Tumor Immune Microenvironment Suggesting Successful Tumor Immune Evasion. <i>Clinical Cancer Research</i> , 2021 , 27, 632-644	12.9	20
108	Hyperferritinemia and hypergammaglobulinemia predict the treatment response to standard therapy in autoimmune hepatitis. <i>PLoS ONE</i> , 2017 , 12, e0179074	3.7	19
107	Assessment of the Cytotoxic and Immunomodulatory Effects of Substances in Human Precision-cut Lung Slices. <i>Journal of Visualized Experiments</i> , 2018 ,	1.6	19
106	Obliterative airway remodelling in transplanted and non-transplanted lungs. <i>Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin</i> , 2010 , 457, 369-80	5.1	19
105	3D virtual pathohistology of lung tissue from Covid-19 patients based on phase contrast X-ray tomography. <i>ELife</i> , 2020 , 9,	8.9	19
104	Impaired IFN β Signaling and Mycobacterial Clearance in IFN β 1-Deficient Human iPSC-Derived Macrophages. <i>Stem Cell Reports</i> , 2018 , 10, 7-16	8	18
103	CXCL13 in idiopathic pulmonary arterial hypertension and chronic thromboembolic pulmonary hypertension. <i>Respiratory Research</i> , 2016 , 17, 21	7.3	18
102	Pathobiology, pathology and genetics of pulmonary hypertension: Update from the Cologne Consensus Conference 2018. <i>International Journal of Cardiology</i> , 2018 , 272S, 4-10	3.2	16
101	Congenital phimosis in patients with and without lichen sclerosus: distinct expression patterns of tissue remodeling associated genes. <i>Journal of Urology</i> , 2013 , 189, 268-74	2.5	15
100	Imaging intact human organs with local resolution of cellular structures using hierarchical phase-contrast tomography. <i>Nature Methods</i> , 2021 , 18, 1532-1541	21.6	15
99	Human lung tissue provides highly relevant data about efficacy of new anti-asthmatic drugs. <i>PLoS ONE</i> , 2018 , 13, e0207767	3.7	15
98	A combined method for correlative 3D imaging of biological samples from macro to nano scale. <i>Scientific Reports</i> , 2016 , 6, 35606	4.9	14
97	MicroRNA expression in Epstein-Barr virus-associated post-transplant smooth muscle tumours is related to leiomyomatous phenotype. <i>Clinical Sarcoma Research</i> , 2013 , 3, 9	2.5	14
96	A relevant experimental model for human bronchiolitis obliterans syndrome. <i>Journal of Heart and Lung Transplantation</i> , 2013 , 32, 1131-9	5.8	14
95	Angiotensin-2 in acute liver failure. <i>Critical Care Medicine</i> , 2012 , 40, 1499-505	1.4	14
94	Visualization of SARS-CoV-2 in the Lung. Reply. <i>New England Journal of Medicine</i> , 2020 , 383, 2689-2690	59.2	14
93	DSA Are Associated With More Graft Injury, More Fibrosis, and Upregulation of Rejection-associated Transcripts in Subclinical Rejection. <i>Transplantation</i> , 2020 , 104, 551-561	1.8	14

92	Autopsy registry can facilitate COVID-19 research. <i>EMBO Molecular Medicine</i> , 2020 , 12, e12885	12	13
91	Early Insight Into In Vivo Recellularization of Cell-Free Allogenic Heart Valves. <i>Annals of Thoracic Surgery</i> , 2019 , 108, 581-589	2.7	13
90	The protease inhibitor cystatin C down-regulates the release of IL-1 and TNF- α in lipopolysaccharide activated monocytes. <i>Journal of Leukocyte Biology</i> , 2016 , 100, 811-822	6.5	13
89	Impaired immune response mediated by prostaglandin E2 promotes severe COVID-19 disease. <i>PLoS ONE</i> , 2021 , 16, e0255335	3.7	13
88	The FMS-like tyrosine kinase-3 ligand/lung dendritic cell axis contributes to regulation of pulmonary fibrosis. <i>Thorax</i> , 2019 , 74, 947-957	7.3	12
87	Molecular similarities and differences from human pulmonary fibrosis and corresponding mouse model: MALDI imaging mass spectrometry in comparative medicine. <i>Laboratory Investigation</i> , 2018 , 98, 141-149	5.9	12
86	Multisystemic Cellular Tropism of SARS-CoV-2 in Autopsies of COVID-19 Patients. <i>Cells</i> , 2021 , 10,	7.9	12
85	Doublesex and mab-3 related transcription factor 1 (DMRT1) is a sex-specific genetic determinant of childhood-onset asthma and is expressed in testis and macrophages. <i>Journal of Allergy and Clinical Immunology</i> , 2016 , 138, 421-31	11.5	12
84	Biocompatibility of Intensified Decellularized Equine Carotid Arteries in a Rat Subcutaneous Implantation Model and in a Human In Vitro Model. <i>Tissue Engineering - Part A</i> , 2018 , 24, 310-321	3.9	11
83	Exogenous alpha 1-antitrypsin down-regulates SERPINA1 expression. <i>PLoS ONE</i> , 2017 , 12, e0177279	3.7	11
82	Baseline IL-2 and the AIH score can predict the response to standard therapy in paediatric autoimmune hepatitis. <i>Scientific Reports</i> , 2018 , 8, 419	4.9	10
81	Organizing pneumonia in mice and men. <i>Journal of Translational Medicine</i> , 2016 , 14, 169	8.5	10
80	Precise ERBB2 copy number assessment in breast cancer by means of molecular inversion probe array analysis. <i>Oncotarget</i> , 2016 , 7, 82733-82740	3.3	10
79	Optimized RNA extraction from non-deparaffinized, laser-microdissected material. <i>Methods in Molecular Biology</i> , 2011 , 755, 67-75	1.4	10
78	Physical exercise reduces transplant arteriosclerosis in a mouse aorta transplantation model. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2015 , 149, 330-7	1.5	9
77	When tissue is the issue: A histological review of chronic lung allograft dysfunction. <i>American Journal of Transplantation</i> , 2020 , 20, 2644-2651	8.7	9
76	IL-13 Impairs Tight Junctions in Airway Epithelia. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	9
75	Airway remodelling in the transplanted lung. <i>Cell and Tissue Research</i> , 2017 , 367, 663-675	4.2	9

74	Problems associated with the use of commercial and non-commercial antibodies against the histamine H4 receptor. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2012 , 385, 855-860	3.4	9
73	Krüppel-like zinc finger proteins in end-stage COPD lungs with and without severe alpha1-antitrypsin deficiency. <i>Orphanet Journal of Rare Diseases</i> , 2012 , 7, 29	4.2	9
72	Non-invasive screening for subclinical liver graft injury in adults via donor-specific anti-HLA antibodies. <i>Scientific Reports</i> , 2020 , 10, 14242	4.9	9
71	Prognostic factors in the myoepithelial-like spindle cell type of metaplastic breast cancer. <i>Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin</i> , 2016 , 469, 191-201	5.1	8
70	Cigarette Smoke Affects Dendritic Cell Populations, Epithelial Barrier Function, and the Immune Response to Viral Infection With H1N1. <i>Frontiers in Medicine</i> , 2020 , 7, 571003	4.9	8
69	A 3D iPSC-differentiation model identifies interleukin-3 as a regulator of early human hematopoietic specification. <i>Haematologica</i> , 2021 , 106, 1354-1367	6.6	8
68	Morphological and molecular motifs of fibrosing pulmonary injury patterns. <i>Journal of Pathology: Clinical Research</i> , 2019 , 5, 256-271	5.3	7
67	Tumour angiogenesis in Epstein-Barr virus-associated post-transplant smooth muscle tumours. <i>Clinical Sarcoma Research</i> , 2014 , 4, 1	2.5	7
66	Plexiform Vasculopathy in Chronic Thromboembolic Pulmonary Hypertension. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2017 , 196, e48-e51	10.2	7
65	Correlating 3D morphology with molecular pathology: fibrotic remodelling in human lung biopsies. <i>Thorax</i> , 2015 , 70, 1197-8	7.3	7
64	Adhesion Prevention Efficacy of Composite Meshes Parietex, Proceed and 4DryField PH Covered Polypropylene Meshes in an IPOM Rat Model. <i>International Journal of Medical Sciences</i> , 2016 , 13, 936-947	7.7	7
63	Comprehensive three-dimensional morphology of neoangiogenesis in pulmonary veno-occlusive disease and pulmonary capillary hemangiomatosis. <i>Journal of Pathology: Clinical Research</i> , 2019 , 5, 108-114	5.4	6
62	MicroRNA profiling using RNA from microdissected immunostained tissue. <i>Methods in Molecular Biology</i> , 2011 , 755, 85-94	1.4	6
61	The Delivery of α -Antitrypsin Therapy Through Transepidermal Route: Worthwhile to Explore. <i>Frontiers in Pharmacology</i> , 2020 , 11, 983	5.6	6
60	Irradiation before and donor splenocyte infusion immediately after transplantation induce tolerance to lung, but not heart allografts in miniature swine. <i>Transplant International</i> , 2017 , 30, 420-433	3	5
59	FXII promotes proteolytic processing of the LRP1 ectodomain. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2017 , 1861, 2088-2098	4	5
58	Lung Transplant Pathology: An Overview on Current Entities and Procedures. <i>Surgical Pathology Clinics</i> , 2020 , 13, 119-140	3.9	5
57	Constitutive TNF- β signaling in neonates is essential for the development of tissue-resident leukocyte profiles at barrier sites. <i>FASEB Journal</i> , 2019 , 33, 10633-10647	0.9	5

56	TGF- β increases permeability of ciliated airway epithelia via redistribution of claudin 3 from tight junction into cell nuclei. <i>Pflugers Archiv European Journal of Physiology</i> , 2021 , 473, 287-311	4.6	5
55	Fluorescence in Situ Hybridization (FISH) for the Diagnosis of Periprosthetic Joint Infection in Formalin-Fixed Paraffin-Embedded Surgical Tissues. <i>Journal of Bone and Joint Surgery - Series A</i> , 2019 , 101, e5	5.6	4
54	Mechanical circulatory support in refractory cardiogenic shock due to influenza virus-related myocarditis. <i>European Respiratory Journal</i> , 2020 , 56,	13.6	4
53	Genetic Deficiency of the Histamine H-Receptor Reduces Experimental Colorectal Carcinogenesis in Mice. <i>Cancers</i> , 2020 , 12,	6.6	4
52	Comparison of adhesion prevention capabilities of the modified starch powder-based medical devices 4DryField PH and AristaAH in the Optimized Peritoneal Adhesion Model. <i>International Journal of Medical Sciences</i> , 2019 , 16, 1350-1355	3.7	4
51	Splenocyte Infusion and Whole-Body Irradiation for Induction of Peripheral Tolerance in Porcine Lung Transplantation: Modifications of the Preconditioning Regime for Improved Clinical Feasibility. <i>Transplantation Direct</i> , 2017 , 3, e170	2.3	4
50	Disruptive anti-IgE inhibitors prevent mast cell-dependent early airway response in viable atopic lung tissue. <i>Journal of Allergy and Clinical Immunology</i> , 2020 , 145, 719-722.e1	11.5	4
49	The Adult Sprague-Dawley Sugen-Hypoxia Rat Is Still "the One:" A Model of Group 1 Pulmonary Hypertension: Reply to Le Cras and Abman. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2020 , 201, 621-624	10.2	4
48	Dual Function of iPSC-Derived Pericyte-Like Cells in Vascularization and Fibrosis-Related Cardiac Tissue Remodeling In Vitro. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	4
47	Clinical Molecular Imaging of Pulmonary CXCR4 Expression to Predict Outcome of Pirfenidone Treatment in Idiopathic Pulmonary Fibrosis. <i>Chest</i> , 2021 , 159, 1094-1106	5.3	4
46	Organ manifestations of COVID-19: what have we learned so far (not only) from autopsies?. <i>Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin</i> , 2022 , 1	5.1	4
45	First report from the German COVID-19 autopsy registry.. <i>Lancet Regional Health - Europe, The</i> , 2022 , 15, 100330		4
44	Quantitative analysis of airway obstruction in lymphangioleiomyomatosis. <i>European Respiratory Journal</i> , 2020 , 56,	13.6	3
43	Expression of angiogenic factors is increased in metastasised renal cell carcinomas. <i>Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin</i> , 2014 , 464, 197-202	5.1	3
42	IBEX: an iterative immunolabeling and chemical bleaching method for high-content imaging of diverse tissues.. <i>Nature Protocols</i> , 2022 ,	18.8	3
41	The Bronchial Circulation in COVID-19 Pneumonia. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2021 ,	10.2	3
40	Targeting bioenergetics is key to counteracting the drug-tolerant state of biofilm-grown bacteria. <i>PLoS Pathogens</i> , 2020 , 16, e1009126	7.6	3
39	Distinct systemic cytokine networks in symptomatic and asymptomatic carotid stenosis. <i>Scientific Reports</i> , 2020 , 10, 21963	4.9	2

38	Molecular Profiling of Vascular Remodeling in Chronic Pulmonary Disease. <i>American Journal of Pathology</i> , 2020 , 190, 1382-1396	5.8	2
37	Porcine pulmonary auto-transplantation for ex vivo therapy as a model for new treatment strategies. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2016 , 23, 358-66	1.8	2
36	Biosynthetic Nanostructured Cellulose Patch for Chest Wall Reconstruction: Five-Month Follow-up in a Porcine Model. <i>Journal of Investigative Surgery</i> , 2017 , 30, 297-302	1.2	2
35	In vitro comparison of two widely used surgical sealants for treating alveolar air leak. <i>Thoracic and Cardiovascular Surgeon</i> , 2014 , 62, 705-9	1.6	2
34	Time-Dependent Molecular Motifs of Pulmonary Fibrogenesis in COVID-19.. <i>International Journal of Molecular Sciences</i> , 2022 , 23,	6.3	2
33	Cigarette smoke alters inflammatory genes and the extracellular matrix - investigations on viable sections of peripheral human lungs. <i>Cell and Tissue Research</i> , 2021 , 1	4.2	2
32	Patterns of Carbon-Bound Exogenous Compounds in Patients with Lung Cancer and Association with Disease Pathophysiology. <i>Cancer Research</i> , 2021 , 81, 5862-5875	10.1	2
31	Reconstruction of the miR-506-Quaking axis in Idiopathic Pulmonary Fibrosis using integrative multi-source bioinformatics. <i>Scientific Reports</i> , 2021 , 11, 12456	4.9	2
30	Rhinovirus-induced Human Lung Tissue Responses Mimic Chronic Obstructive Pulmonary Disease and Asthma Gene Signatures. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2021 , 65, 544-554	5.7	2
29	Pathologic Features of Tumor Activity and Stability in Uveal Melanoma Specimens after Fractionated CyberKnife Radiosurgery. <i>Pathology and Oncology Research</i> , 2019 , 25, 731-740	2.6	2
28	Role of the COX2-PGE axis in -induced exacerbation of experimental fibrosis. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2021 , 320, L377-L392	5.8	2
27	Synergistic inhibition of SARS-CoV-2 cell entry by otamixaban and covalent protease inhibitors: pre-clinical assessment of pharmacological and molecular properties. <i>Chemical Science</i> , 2021 , 12, 12600-12609	9.4	2
26	Cooperative approach of pathology and neuropathology in the COVID-19 pandemic : German registry for COVID-19 autopsies (DeRegCOVID) and German network for autopsies in pandemics (DEFEAT PANDEMIcs). <i>Der Pathologe</i> , 2021 , 42, 69-75	1	2
25	Quantification of polyreactive immunoglobulin G facilitates the diagnosis of autoimmune hepatitis. <i>Hepatology</i> , 2021 ,	11.2	2
24	S2K Guideline for Diagnosis of Idiopathic Pulmonary Fibrosis. <i>Respiration</i> , 2021 , 100, 238-271	3.7	2
23	Basal-Like Cell-Conditioned Medium Exerts Anti-Fibrotic Effects and .. <i>Frontiers in Bioengineering and Biotechnology</i> , 2022 , 10, 844119	5.8	2
22	3D virtual histopathology of cardiac tissue from Covid-19 patients based on phase-contrast X-ray tomography.. <i>ELife</i> , 2021 , 10,	8.9	2
21	Sarcoid-Like Lesions Mimicking Pulmonary Metastasis: A Case Series and Review of the Literature. <i>Oncology Research and Treatment</i> , 2019 , 42, 382-386	2.8	1

20	In Vitro Lung Model Assessing the Efficacy of Surgical Sealants in Treating Alveolar Air Leaks. <i>Journal of Investigative Surgery</i> , 2015 , 28, 323-7	1.2	1
19	Warming and cooling device using thermoelectric Peltier elements tested on male mice. <i>Laboratory Animals</i> , 2019 , 23677219873687	2.6	1
18	Molecular approach to the classification of chronic fibrosing lung disease-there and back again. <i>Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin</i> , 2021 , 478, 89-99	5.1	1
17	T cell receptor repertoires within liver allografts are different to those in the peripheral blood. <i>Journal of Hepatology</i> , 2021 , 74, 1167-1175	13.4	1
16	A multicenter prospective, randomized, placebo-controlled phase II/III trial for preemptive acute graft-versus-host disease therapy. <i>Leukemia</i> , 2021 , 35, 1763-1772	10.7	1
15	3D virtual Histopathology of Cardiac Tissue From Covid-19 Patients based on Phase-Contrast X-ray Tomography		
14	Cracking it - successful mRNA extraction for digital gene expression analysis from decalcified, formalin-fixed and paraffin-embedded bone tissue. <i>PLoS ONE</i> , 2021 , 16, e0257416	3.7	1
13	Pulmonary Arterial Hypertension and Consecutive Right Heart Failure Lead to Liver Fibrosis.. <i>Frontiers in Cardiovascular Medicine</i> , 2022 , 9, 862330	5.4	1
12	Circulating microRNAs in Symptomatic and Asymptomatic Carotid Stenosis.. <i>Frontiers in Neurology</i> , 2021 , 12, 755827	4.1	0
11	Identification of molecular signatures associated with early relapse after complete resection of lung adenocarcinomas. <i>Scientific Reports</i> , 2021 , 11, 9532	4.9	0
10	Supportive Hepatocyte Transplantation after Partial Hepatectomy Enhances Liver Regeneration in a Preclinical Pig Model. <i>European Surgical Research</i> , 2021 , 62, 238-247	1.1	0
9	Affects Airway Epithelial Response and Barrier Function During Rhinovirus Infection.. <i>Frontiers in Cellular and Infection Microbiology</i> , 2022 , 12, 846828	5.9	0
8	Alveolar Basal Cells Differentiate towards Secretory Epithelial- and Aberrant Basaloid-like Cells In Vitro. <i>Cells</i> , 2022 , 11, 1820	7.9	0
7	In Vitro Comparison of Two Widely Used Surgical Sealants for Treating Alveolar Air Leak. <i>Thoracic and Cardiovascular Surgeon</i> , 2014 , 62, e1	1.6	
6	COVID-19 keine vaskuläre Systemerkrankung. <i>Kliniker</i> , 2020 , 49, 418-421	0	
5	Recurrent Life-threatening Pneumonitis in a 37-Year-Old Woman. <i>Chest</i> , 2020 , 158, e127-e132	5.3	
4	Delayed non-myeloablative irradiation to induce long-term allograft acceptance in a large animal lung transplantation model. <i>Transplant Immunology</i> , 2021 , 65, 101350	1.7	
3	From Macroscopy to Ultrastructure: An Integrative Approach to Pulmonary Pathology.. <i>Frontiers in Medicine</i> , 2022 , 9, 859337	4.9	

- 2 Reduction of BMPR2 mRNA Expression in Peripheral Blood of Pulmonary Arterial Hypertension Patients: A Marker for Disease Severity?. *Genes*, **2022**, 13, 759 4.2
- 1 Type I interferon regulates proteolysis by macrophages to prevent immunopathology following viral infection.. *PLoS Pathogens*, **2022**, 18, e1010471 7.6