

# Danny D Jonigk

## List of Publications by Year in Descending Order

**Source:** <https://exaly.com/author-pdf/4909647/danny-d-jonigk-publications-by-year.pdf>

**Version:** 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	Time-Dependent Molecular Motifs of Pulmonary Fibrogenesis in COVID-19.. <i>International Journal of Molecular Sciences</i> , <b>2022</b> , 23,	6.3	2
144	IBEX: an iterative immunolabeling and chemical bleaching method for high-content imaging of diverse tissues.. <i>Nature Protocols</i> , <b>2022</b> ,	18.8	3
143	Affects Airway Epithelial Response and Barrier Function During Rhinovirus Infection.. <i>Frontiers in Cellular and Infection Microbiology</i> , <b>2022</b> , 12, 846828	5.9	0
142	From Macroscopy to Ultrastructure: An Integrative Approach to Pulmonary Pathology.. <i>Frontiers in Medicine</i> , <b>2022</b> , 9, 859337	4.9	
141	Basal-Like Cell-Conditioned Medium Exerts Anti-Fibrotic Effects and .. <i>Frontiers in Bioengineering and Biotechnology</i> , <b>2022</b> , 10, 844119	5.8	2
140	Pulmonary Arterial Hypertension and Consecutive Right Heart Failure Lead to Liver Fibrosis.. <i>Frontiers in Cardiovascular Medicine</i> , <b>2022</b> , 9, 862330	5.4	1
139	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> , <b>2022</b> , 1	5.1	4
138	First report from the German COVID-19 autopsy registry.. <i>Lancet Regional Health - Europe, The</i> , <b>2022</b> , 15, 100330		4
137	Reduction of BMPR2 mRNA Expression in Peripheral Blood of Pulmonary Arterial Hypertension Patients: A Marker for Disease Severity?. <i>Genes</i> , <b>2022</b> , 13, 759	4.2	
136	Type I interferon regulates proteolysis by macrophages to prevent immunopathology following viral infection.. <i>PLoS Pathogens</i> , <b>2022</b> , 18, e1010471	7.6	
135	Alveolar Basal Cells Differentiate towards Secretory Epithelial- and Aberrant Basaloid-like Cells In Vitro. <i>Cells</i> , <b>2022</b> , 11, 1820	7.9	0
134	Recurrent HNSCC Harbor an Immunosuppressive Tumor Immune Microenvironment Suggesting Successful Tumor Immune Evasion. <i>Clinical Cancer Research</i> , <b>2021</b> , 27, 632-644	12.9	20
133	Imaging intact human organs with local resolution of cellular structures using hierarchical phase-contrast tomography. <i>Nature Methods</i> , <b>2021</b> , 18, 1532-1541	21.6	15
132	The Bronchial Circulation in COVID-19 Pneumonia. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2021</b> ,	10.2	3
131	Cigarette smoke alters inflammatory genes and the extracellular matrix - investigations on viable sections of peripheral human lungs. <i>Cell and Tissue Research</i> , <b>2021</b> , 1	4.2	2
130	Circulating microRNAs in Symptomatic and Asymptomatic Carotid Stenosis.. <i>Frontiers in Neurology</i> , <b>2021</b> , 12, 755827	4.1	0
129	Patterns of Carbon-Bound Exogenous Compounds in Patients with Lung Cancer and Association with Disease Pathophysiology. <i>Cancer Research</i> , <b>2021</b> , 81, 5862-5875	10.1	2

128	Camostat mesylate inhibits SARS-CoV-2 activation by TMPRSS2-related proteases and its metabolite GBPA exerts antiviral activity. <i>EBioMedicine</i> , <b>2021</b> , 65, 103255	8.8	120
127	Identification of molecular signatures associated with early relapse after complete resection of lung adenocarcinomas. <i>Scientific Reports</i> , <b>2021</b> , 11, 9532	4.9	0
126	Supportive Hepatocyte Transplantation after Partial Hepatectomy Enhances Liver Regeneration in a Preclinical Pig Model. <i>European Surgical Research</i> , <b>2021</b> , 62, 238-247	1.1	0
125	Reconstruction of the miR-506-Quaking axis in Idiopathic Pulmonary Fibrosis using integrative multi-source bioinformatics. <i>Scientific Reports</i> , <b>2021</b> , 11, 12456	4.9	2
124	COVID-19 is a systemic vascular hemopathy: insight for mechanistic and clinical aspects. <i>Angiogenesis</i> , <b>2021</b> , 24, 755-788	10.6	26
123	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> , <b>2021</b> , 65, 544-554	5.7	2
122	Multisystemic Cellular Tropism of SARS-CoV-2 in Autopsies of COVID-19 Patients. <i>Cells</i> , <b>2021</b> , 10,	7.9	12
121	A 3D iPSC-differentiation model identifies interleukin-3 as a regulator of early human hematopoietic specification. <i>Haematologica</i> , <b>2021</b> , 106, 1354-1367	6.6	8
120	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> , <b>2021</b> , 478, 89-99	5.1	1
119	Delayed non-myeloablative irradiation to induce long-term allograft acceptance in a large animal lung transplantation model. <i>Transplant Immunology</i> , <b>2021</b> , 65, 101350	1.7	
118	T cell receptor repertoires within liver allografts are different to those in the peripheral blood. <i>Journal of Hepatology</i> , <b>2021</b> , 74, 1167-1175	13.4	1
117	Role of the COX2-PGE axis in -induced exacerbation of experimental fibrosis. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , <b>2021</b> , 320, L377-L392	5.8	2
116	A multicenter prospective, randomized, placebo-controlled phase II/III trial for preemptive acute graft-versus-host disease therapy. <i>Leukemia</i> , <b>2021</b> , 35, 1763-1772	10.7	1
115	Clinical Molecular Imaging of Pulmonary CXCR4 Expression to Predict Outcome of Pirfenidone Treatment in Idiopathic Pulmonary Fibrosis. <i>Chest</i> , <b>2021</b> , 159, 1094-1106	5.3	4
114	TGF- $\beta$ 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> , <b>2021</b> , 473, 287-311	4.6	5
113	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> , <b>2021</b> , 12, 12600-12609	9.4	2
112	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> , <b>2021</b> , 42, 69-75	1	2
111	Impaired immune response mediated by prostaglandin E2 promotes severe COVID-19 disease. <i>PLoS ONE</i> , <b>2021</b> , 16, e0255335	3.7	13

110	Quantification of polyreactive immunoglobulin G facilitates the diagnosis of autoimmune hepatitis. <i>Hepatology</i> , <b>2021</b> ,	11.2	2
109	Cracking it - successful mRNA extraction for digital gene expression analysis from decalcified, formalin-fixed and paraffin-embedded bone tissue. <i>PLoS ONE</i> , <b>2021</b> , 16, e0257416	3.7	1
108	S2K Guideline for Diagnosis of Idiopathic Pulmonary Fibrosis. <i>Respiration</i> , <b>2021</b> , 100, 238-271	3.7	2
107	3D virtual histopathology of cardiac tissue from Covid-19 patients based on phase-contrast X-ray tomography.. <i>ELife</i> , <b>2021</b> , 10,	8.9	2
106	Distinct systemic cytokine networks in symptomatic and asymptomatic carotid stenosis. <i>Scientific Reports</i> , <b>2020</b> , 10, 21963	4.9	2
105	Mechanical circulatory support in refractory cardiogenic shock due to influenza virus-related myocarditis. <i>European Respiratory Journal</i> , <b>2020</b> , 56,	13.6	4
104	Pulmonary Vascular Endothelialitis, Thrombosis, and Angiogenesis in Covid-19. <i>New England Journal of Medicine</i> , <b>2020</b> , 383, 120-128	59.2	2802
103	Morphomolecular motifs of pulmonary neoangiogenesis in interstitial lung diseases. <i>European Respiratory Journal</i> , <b>2020</b> , 55,	13.6	23
102	When tissue is the issue: A histological review of chronic lung allograft dysfunction. <i>American Journal of Transplantation</i> , <b>2020</b> , 20, 2644-2651	8.7	9
101	Autopsy registry can facilitate COVID-19 research. <i>EMBO Molecular Medicine</i> , <b>2020</b> , 12, e12885	12	13
100	Quantitative analysis of airway obstruction in lymphangioleiomyomatosis. <i>European Respiratory Journal</i> , <b>2020</b> , 56,	13.6	3
99	Lung Transplant Pathology: An Overview on Current Entities and Procedures. <i>Surgical Pathology Clinics</i> , <b>2020</b> , 13, 119-140	3.9	5
98	Genetic Deficiency of the Histamine H-Receptor Reduces Experimental Colorectal Carcinogenesis in Mice. <i>Cancers</i> , <b>2020</b> , 12,	6.6	4
97	Molecular Profiling of Vascular Remodeling in Chronic Pulmonary Disease. <i>American Journal of Pathology</i> , <b>2020</b> , 190, 1382-1396	5.8	2
96	COVID-19 keine vaskuläre Systemerkrankung. <i>Kliniker</i> , <b>2020</b> , 49, 418-421	0	
95	The Pathology of Severe COVID-19-Related Lung Damage. <i>Deutsches A&amp;#x0308;rztblatt International</i> , <b>2020</b> , 117, 500-506	2.5	35
94	3D virtual pathohistology of lung tissue from Covid-19 patients based on phase contrast X-ray tomography. <i>ELife</i> , <b>2020</b> , 9,	8.9	19
93	Targeting bioenergetics is key to counteracting the drug-tolerant state of biofilm-grown bacteria. <i>PLoS Pathogens</i> , <b>2020</b> , 16, e1009126	7.6	3

92	Visualization of SARS-CoV-2 in the Lung. Reply. <i>New England Journal of Medicine</i> , <b>2020</b> , 383, 2689-2690	59.2	14
91	Disruptive anti-IgE inhibitors prevent mast cell-dependent early airway response in viable atopic lung tissue. <i>Journal of Allergy and Clinical Immunology</i> , <b>2020</b> , 145, 719-722.e1	11.5	4
90	DSA Are Associated With More Graft Injury, More Fibrosis, and Upregulation of Rejection-associated Transcripts in Subclinical Rejection. <i>Transplantation</i> , <b>2020</b> , 104, 551-561	1.8	14
89	The Adult Sprague-Dawley Sugden-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> , <b>2020</b> , 201, 621-624	10.2	4
88	Cigarette Smoke Affects Dendritic Cell Populations, Epithelial Barrier Function, and the Immune Response to Viral Infection With H1N1. <i>Frontiers in Medicine</i> , <b>2020</b> , 7, 571003	4.9	8
87	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> , <b>2020</b> , 21,	6.3	4
86	The Delivery of $\alpha$ -Antitrypsin Therapy Through Transepidermal Route: Worthwhile to Explore. <i>Frontiers in Pharmacology</i> , <b>2020</b> , 11, 983	5.6	6
85	Non-invasive screening for subclinical liver graft injury in adults via donor-specific anti-HLA antibodies. <i>Scientific Reports</i> , <b>2020</b> , 10, 14242	4.9	9
84	S100A8 and S100A9 Are Important for Postnatal Development of Gut Microbiota and Immune System in Mice and Infants. <i>Gastroenterology</i> , <b>2020</b> , 159, 2130-2145.e5	13.3	25
83	Recurrent Life-threatening Pneumonitis in a 37-Year-Old Woman. <i>Chest</i> , <b>2020</b> , 158, e127-e132	5.3	
82	Clinical Significance of Gene and Its Encoded Alpha1-antitrypsin Protein in NSCLC. <i>Cancers</i> , <b>2019</b> , 11,	6.6	21
81	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> , <b>2019</b> , 101, e5	5.6	4
80	Sarcoid-Like Lesions Mimicking Pulmonary Metastasis: A Case Series and Review of the Literature. <i>Oncology Research and Treatment</i> , <b>2019</b> , 42, 382-386	2.8	1
79	Targeting cyclin-dependent kinases for the treatment of pulmonary arterial hypertension. <i>Nature Communications</i> , <b>2019</b> , 10, 2204	17.4	39
78	The FMS-like tyrosine kinase-3 ligand/lung dendritic cell axis contributes to regulation of pulmonary fibrosis. <i>Thorax</i> , <b>2019</b> , 74, 947-957	7.3	12
77	Comprehensive three-dimensional morphology of neoangiogenesis in pulmonary veno-occlusive disease and pulmonary capillary hemangiomatosis. <i>Journal of Pathology: Clinical Research</i> , <b>2019</b> , 5, 108-114	5.3	6
76	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> , <b>2019</b> , 316, L784-L797	5.8	22
75	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> , <b>2019</b> , 19, 345-355	8.7	20

74	Morphological and molecular motifs of fibrosing pulmonary injury patterns. <i>Journal of Pathology: Clinical Research</i> , <b>2019</b> , 5, 256-271	5.3	7
73	Early Insight Into In Vivo Recellularization of Cell-Free Allogenic Heart Valves. <i>Annals of Thoracic Surgery</i> , <b>2019</b> , 108, 581-589	2.7	13
72	Constitutive TNF- $\beta$ signaling in neonates is essential for the development of tissue-resident leukocyte profiles at barrier sites. <i>FASEB Journal</i> , <b>2019</b> , 33, 10633-10647	0.9	5
71	Genetically diverse <i>Pseudomonas aeruginosa</i> populations display similar transcriptomic profiles in a cystic fibrosis explanted lung. <i>Nature Communications</i> , <b>2019</b> , 10, 3397	17.4	33
70	IL-13 Impairs Tight Junctions in Airway Epithelia. <i>International Journal of Molecular Sciences</i> , <b>2019</b> , 20,	6.3	9
69	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> , <b>2019</b> , 16, 1350-1355	3.7	4
68	Pathologic Features of Tumor Activity and Stability in Uveal Melanoma Specimens after Fractionated CyberKnife Radiosurgery. <i>Pathology and Oncology Research</i> , <b>2019</b> , 25, 731-740	2.6	2
67	Warming and cooling device using thermoelectric Peltier elements tested on male mice. <i>Laboratory Animals</i> , <b>2019</b> , 23677219873687	2.6	1
66	PPAR $\alpha$ agonist pioglitazone reverses pulmonary hypertension and prevents right heart failure via fatty acid oxidation. <i>Science Translational Medicine</i> , <b>2018</b> , 10,	17.5	113
65	Impaired IFN $\gamma$ signaling and Mycobacterial Clearance in IFN $\beta$ 1-Deficient Human iPSC-Derived Macrophages. <i>Stem Cell Reports</i> , <b>2018</b> , 10, 7-16	8	18
64	Baseline IL-2 and the AIH score can predict the response to standard therapy in paediatric autoimmune hepatitis. <i>Scientific Reports</i> , <b>2018</b> , 8, 419	4.9	10
63	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> , <b>2018</b> , 24, 310-321	3.9	11
62	Molecular similarities and differences from human pulmonary fibrosis and corresponding mouse model: MALDI imaging mass spectrometry in comparative medicine. <i>Laboratory Investigation</i> , <b>2018</b> , 98, 141-149	5.9	12
61	Assessment of the Cytotoxic and Immunomodulatory Effects of Substances in Human Precision-cut Lung Slices. <i>Journal of Visualized Experiments</i> , <b>2018</b> ,	1.6	19
60	Human lung tissue provides highly relevant data about efficacy of new anti-asthmatic drugs. <i>PLoS ONE</i> , <b>2018</b> , 13, e0207767	3.7	15
59	Pathobiology, pathology and genetics of pulmonary hypertension: Update from the Cologne Consensus Conference 2018. <i>International Journal of Cardiology</i> , <b>2018</b> , 272S, 4-10	3.2	16
58	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> , <b>2017</b> , 3, 17-28	5.3	22
57	Irradiation before and donor splenocyte infusion immediately after transplantation induce tolerance to lung, but not heart allografts in miniature swine. <i>Transplant International</i> , <b>2017</b> , 30, 420-433		5

56	PPAR $\alpha$ Links BMP2 and TGF $\beta$ Pathways in Vascular Smooth Muscle Cells, Regulating Cell Proliferation and Glucose Metabolism. <i>Cell Metabolism</i> , <b>2017</b> , 25, 1118-1134.e7	24.6	97
55	FXII promotes proteolytic processing of the LRP1 ectodomain. <i>Biochimica Et Biophysica Acta - General Subjects</i> , <b>2017</b> , 1861, 2088-2098	4	5
54	Hyperferritinemia and hypergammaglobulinemia predict the treatment response to standard therapy in autoimmune hepatitis. <i>PLoS ONE</i> , <b>2017</b> , 12, e0179074	3.7	19
53	Plexiform Vasculopathy in Chronic Thromboembolic Pulmonary Hypertension. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2017</b> , 196, e48-e51	10.2	7
52	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> , <b>2017</b> , 3, e170	2.3	4
51	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> , <b>2017</b> , 12, 13	2.7	31
50	Airway remodelling in the transplanted lung. <i>Cell and Tissue Research</i> , <b>2017</b> , 367, 663-675	4.2	9
49	Biosynthetic Nanostructured Cellulose Patch for Chest Wall Reconstruction: Five-Month Follow-up in a Porcine Model. <i>Journal of Investigative Surgery</i> , <b>2017</b> , 30, 297-302	1.2	2
48	Exogenous alpha 1-antitrypsin down-regulates SERPINA1 expression. <i>PLoS ONE</i> , <b>2017</b> , 12, e0177279	3.7	11
47	Organizing pneumonia in mice and men. <i>Journal of Translational Medicine</i> , <b>2016</b> , 14, 169	8.5	10
46	A combined method for correlative 3D imaging of biological samples from macro to nano scale. <i>Scientific Reports</i> , <b>2016</b> , 6, 35606	4.9	14
45	Porcine pulmonary auto-transplantation for ex vivo therapy as a model for new treatment strategies. <i>Interactive Cardiovascular and Thoracic Surgery</i> , <b>2016</b> , 23, 358-66	1.8	2
44	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> , <b>2016</b> , 469, 191-201	5.1	8
43	CXCL13 in idiopathic pulmonary arterial hypertension and chronic thromboembolic pulmonary hypertension. <i>Respiratory Research</i> , <b>2016</b> , 17, 21	7.3	18
42	C-type Lectin Mincle Recognizes Glucosyl-diacylglycerol of Streptococcus pneumoniae and Plays a Protective Role in Pneumococcal Pneumonia. <i>PLoS Pathogens</i> , <b>2016</b> , 12, e1006038	7.6	38
41	Precise ERBB2 copy number assessment in breast cancer by means of molecular inversion probe array analysis. <i>Oncotarget</i> , <b>2016</b> , 7, 82733-82740	3.3	10
40	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> , <b>2016</b> , 13, 936-941	3.7	7
39	The protease inhibitor cystatin C down-regulates the release of IL-1 $\beta$ and TNF- $\alpha$ in lipopolysaccharide activated monocytes. <i>Journal of Leukocyte Biology</i> , <b>2016</b> , 100, 811-822	6.5	13



38	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> , <b>2016</b> , 138, 421-31	11.5	12
37	Redox regulation of epidermal growth factor receptor signaling during the development of pulmonary hypertension. <i>Free Radical Biology and Medicine</i> , <b>2016</b> , 95, 96-111	7.8	25
36	Notch1 signalling regulates endothelial proliferation and apoptosis in pulmonary arterial hypertension. <i>European Respiratory Journal</i> , <b>2016</b> , 48, 1137-1149	13.6	57
35	The sexual dimorphism associated with pulmonary hypertension corresponds to a fibrotic phenotype. <i>Pulmonary Circulation</i> , <b>2015</b> , 5, 184-97	2.7	26
34	Streptococcus pneumoniae triggers progression of pulmonary fibrosis through pneumolysin. <i>Thorax</i> , <b>2015</b> , 70, 636-46	7.3	58
33	Physical exercise reduces transplant arteriosclerosis in a mouse aorta transplantation model. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>2015</b> , 149, 330-7	1.5	9
32	Macrophage-inducible C-type lectin Mincle-expressing dendritic cells contribute to control of splenic Mycobacterium bovis BCG infection in mice. <i>Infection and Immunity</i> , <b>2015</b> , 83, 184-96	3.7	30
31	In Vitro Lung Model Assessing the Efficacy of Surgical Sealants in Treating Alveolar Air Leaks. <i>Journal of Investigative Surgery</i> , <b>2015</b> , 28, 323-7	1.2	1
30	Correlating 3D morphology with molecular pathology: fibrotic remodelling in human lung biopsies. <i>Thorax</i> , <b>2015</b> , 70, 1197-8	7.3	7
29	Molecular Profiling in Lung Biopsies of Human Pulmonary Allografts to Predict Chronic Lung Allograft Dysfunction. <i>American Journal of Pathology</i> , <b>2015</b> , 185, 3178-88	5.8	25
28	Expression of angiogenic factors is increased in metastasised renal cell carcinomas. <i>Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin</i> , <b>2014</b> , 464, 197-202	5.1	3
27	Tumour angiogenesis in Epstein-Barr virus-associated post-transplant smooth muscle tumours. <i>Clinical Sarcoma Research</i> , <b>2014</b> , 4, 1	2.5	7
26	Z $\beta$ -antitrypsin confers a proinflammatory phenotype that contributes to chronic obstructive pulmonary disease. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2014</b> , 189, 909-31	10.2	44
25	NADPH oxidase 4 is expressed in pulmonary artery adventitia and contributes to hypertensive vascular remodeling. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2014</b> , 34, 1704-15	9.4	87
24	In Vitro Comparison of Two Widely Used Surgical Sealants for Treating Alveolar Air Leak. <i>Thoracic and Cardiovascular Surgeon</i> , <b>2014</b> , 62, e1	1.6	
23	Nitration of tyrosine 247 inhibits protein kinase G-1 $\beta$ activity by attenuating cyclic guanosine monophosphate binding. <i>Journal of Biological Chemistry</i> , <b>2014</b> , 289, 7948-61	5.4	23
22	In vitro comparison of two widely used surgical sealants for treating alveolar air leak. <i>Thoracic and Cardiovascular Surgeon</i> , <b>2014</b> , 62, 705-9	1.6	2
21	MicroRNA expression in Epstein-Barr virus-associated post-transplant smooth muscle tumours is related to leiomyomatous phenotype. <i>Clinical Sarcoma Research</i> , <b>2013</b> , 3, 9	2.5	14



20	A relevant experimental model for human bronchiolitis obliterans syndrome. <i>Journal of Heart and Lung Transplantation</i> , <b>2013</b> , 32, 1131-9	5.8	14
19	Bosentan inhibits oxidative and nitrosative stress and rescues occlusive pulmonary hypertension. <i>Free Radical Biology and Medicine</i> , <b>2013</b> , 56, 28-43	7.8	42
18	Congenital phimosis in patients with and without lichen sclerosus: distinct expression patterns of tissue remodeling associated genes. <i>Journal of Urology</i> , <b>2013</b> , 189, 268-74	2.5	15
17	Anti-inflammatory and immunomodulatory properties of $\alpha$ -antitrypsin without inhibition of elastase. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2013</b> , 110, 15007-12	11.5	169
16	Functional testing of an inhalable nanoparticle based influenza vaccine using a human precision cut lung slice technique. <i>PLoS ONE</i> , <b>2013</b> , 8, e71728	3.7	30
15	Problems associated with the use of commercial and non-commercial antibodies against the histamine H4 receptor. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , <b>2012</b> , 385, 855-860	3.4	9
14	Plexiform vasculopathy of severe pulmonary arterial hypertension and microRNA expression. <i>Journal of Heart and Lung Transplantation</i> , <b>2012</b> , 31, 764-72	5.8	70
13	Krüppel-like zinc finger proteins in end-stage COPD lungs with and without severe alpha1-antitrypsin deficiency. <i>Orphanet Journal of Rare Diseases</i> , <b>2012</b> , 7, 29	4.2	9
12	Angiotensin-2 in acute liver failure. <i>Critical Care Medicine</i> , <b>2012</b> , 40, 1499-505	1.4	14
11	Opposite effects of mepyramine on JNJ 777120-induced amelioration of experimentally induced asthma in mice in sensitization and provocation. <i>PLoS ONE</i> , <b>2012</b> , 7, e30285	3.7	28
10	Obliterative airway remodeling: molecular evidence for shared pathways in transplanted and native lungs. <i>American Journal of Pathology</i> , <b>2011</b> , 178, 599-608	5.8	28
9	Plexiform lesions in pulmonary arterial hypertension composition, architecture, and microenvironment. <i>American Journal of Pathology</i> , <b>2011</b> , 179, 167-79	5.8	108
8	MicroRNA profiling using RNA from microdissected immunostained tissue. <i>Methods in Molecular Biology</i> , <b>2011</b> , 755, 85-94	1.4	6
7	Acute-phase protein $\alpha$ -antitrypsin inhibits neutrophil calpain I and induces random migration. <i>Molecular Medicine</i> , <b>2011</b> , 17, 865-74	6.2	50
6	Optimized RNA extraction from non-deparaffinized, laser-microdissected material. <i>Methods in Molecular Biology</i> , <b>2011</b> , 755, 67-75	1.4	10
5	Circulating angiotensins in idiopathic pulmonary arterial hypertension. <i>European Heart Journal</i> , <b>2010</b> , 31, 2291-300	9.5	85
4	Obliterative airway remodelling in transplanted and non-transplanted lungs. <i>Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin</i> , <b>2010</b> , 457, 369-80	5.1	19
3	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> , <b>2008</b> , 17, 101-6		37

- 2 Recipient-derived neoangiogenesis of arterioles and lymphatics in quilty lesions of cardiac allografts. *Transplantation*, **2007**, 84, 1335-42 1.8 23
- 1 3D virtual Histopathology of Cardiac Tissue from Covid-19 Patients based on Phase-Contrast X-ray Tomography