

# Torsten Goldmann

## List of Publications by Year in descending order

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168  
papers

6,774  
citations

61977

43  
h-index

76898

74  
g-index

179  
all docs

179  
docs citations

179  
times ranked

10644  
citing authors

#	ARTICLE	IF	CITATIONS
1	Gene expression signatures identify biologically and clinically distinct tuberculosis endotypes. European Respiratory Journal, 2022, 60, 2102263.	6.7	17
2	Characterization of phospholipid-modified lung surfactant in vitro and in a neonatal ARDS model reveals anti-inflammatory potential and surfactant lipidome signatures. European Journal of Pharmaceutical Sciences, 2022, 175, 106216.	4.0	1
3	Prediction of anti-tuberculosis treatment duration based on a 22-gene transcriptomic model. European Respiratory Journal, 2021, 58, 2003492.	6.7	27
4	DNA methylation profiles of bronchoscopic biopsies for the diagnosis of lung cancer. Clinical Epigenetics, 2021, 13, 38.	4.1	8
5	Phosphorylation of SMAD3 in immune cells predicts survival of patients with early stage non-small cell lung cancer. , 2021, 9, e001469.		12
6	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
7	<i>Haemophilus influenzae</i> causes cellular trans-differentiation in human bronchial epithelia. Innate Immunity, 2021, 27, 251-259.	2.4	3
8	Raised sputum extracellular DNA confers lung function impairment and poor symptom control in an exacerbation-susceptible phenotype of neutrophilic asthma. Respiratory Research, 2021, 22, 167.	3.6	10
9	WNT6/ACC2-induced storage of triacylglycerols in macrophages is exploited by Mycobacterium tuberculosis. Journal of Clinical Investigation, 2021, 131, .	8.2	17
10	Pathogen-free diagnosis of tuberculosis. Lancet Infectious Diseases, The, 2021, 21, 1066.	9.1	0
11	The impact of heated tobacco products on arterial stiffness. Vascular Medicine, 2020, 25, 572-574.	1.5	13
12	Exploration of the sputum methylome and omics deconvolution by quadratic programming in molecular profiling of asthma and COPD: the road to sputum omics 2.0. Respiratory Research, 2020, 21, 274.	3.6	6
13	Role of the erythropoietin receptor in Lung Cancer cells: erythropoietin exhibits angiogenic potential. Journal of Cancer, 2020, 11, 6090-6100.	2.5	7
14	Interleukin-1 $\beta$ provided by KIT-competent mast cells is required for <i>KRAS</i> -mutant lung adenocarcinoma. Oncoimmunology, 2019, 8, e1593802.	4.6	15
15	Live and let die: epigenetic modifications of Survivin and Regucalcin in non-small cell lung cancer tissues contribute to malignancy. Clinical Epigenetics, 2019, 11, 157.	4.1	16
16	The Multi-Modal Effect of the Anti-fibrotic Drug Pirfenidone on NSCLC. Frontiers in Oncology, 2019, 9, 1550.	2.8	26
17	Neutrophil extracellular trap formation is regulated by CXCR2 in COPD neutrophils. European Respiratory Journal, 2018, 51, 1700970.	6.7	49
18	Gene Network Analysis of Interstitial Macrophages After Treatment with Induced Pluripotent Stem Cells Secretome (iPSC-cm) in the Bleomycin Injured Rat Lung. Stem Cell Reviews and Reports, 2018, 14, 412-424.	5.6	14

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19	Peptide drug stability: The anti-inflammatory drugs Pep19-2.5 and Pep19-4LF in cream formulation. <i>European Journal of Pharmaceutical Sciences</i> , 2018, 115, 240-247.	4.0	8
20	Î±B Kinase Î± Is Required for Development and Progression of <i>KRAS</i>-Mutant Lung Adenocarcinoma. <i>Cancer Research</i> , 2018, 78, 2939-2951.	0.9	36
21	Meat allergy associated with galactosylâ€“(1,3)â€“galactose (Î±â€“Gal)â€“Closing diagnostic gaps by antiâ€“Gal IgE immune profiling. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2018, 73, 93-105.	5.7	40
22	Human alveolar epithelial cells type II are capable of TGFÎ²-dependent epithelial-mesenchymal-transition and collagen-synthesis. <i>Respiratory Research</i> , 2018, 19, 138.	3.6	52
23	Fountain of youth for squamous cell carcinomas? On the epigenetic age of nonâ€“small cell lung cancer and corresponding tumorâ€“free lung tissues. <i>International Journal of Cancer</i> , 2018, 143, 3061-3070.	5.1	8
24	Inhibition of Lipopolysaccharide- and Lipoprotein-Induced Inflammation by Antitoxin Peptide Pep19-2.5. <i>Frontiers in Immunology</i> , 2018, 9, 1704.	4.8	48
25	Aberrant DNA methylation of ADAMTS16 in colorectal and other epithelial cancers. <i>BMC Cancer</i> , 2018, 18, 796.	2.6	29
26	Identification of novel target genes in human lung tissue involved in chronic obstructive pulmonary disease. <i>International Journal of COPD</i> , 2018, Volume 13, 2255-2259.	2.3	16
27	Coupling killing to neutralization: combined therapy with ceftriaxone/Pep19-2.5 counteracts sepsis in rabbits. <i>Experimental and Molecular Medicine</i> , 2017, 49, e345-e345.	7.7	17
28	Effects of the CXCR2 antagonist AZD5069 on lung neutrophil recruitment in asthma. <i>Pulmonary Pharmacology and Therapeutics</i> , 2017, 45, 121-123.	2.6	47
29	Signalling mechanisms in PAF-induced intestinal failure. <i>Scientific Reports</i> , 2017, 7, 13382.	3.3	6
30	Lipidomes of lung cancer and tumour-free lung tissues reveal distinct molecular signatures for cancer differentiation, age, inflammation, and pulmonary emphysema. <i>Scientific Reports</i> , 2017, 7, 11087.	3.3	36
31	Nontypeable <i>Haemophilus influenzae</i> (NTHi) directly interfere with the regulation of E-cadherin in lung epithelial cells. <i>Microbes and Infection</i> , 2017, 19, 560-566.	1.9	10
32	Epigenetic modifications of the immune-checkpoint genes CTLA4 and PDCD1 in non-small cell lung cancer results in increased expression. <i>Clinical Epigenetics</i> , 2017, 9, 51.	4.1	50
33	PilY1 Promotes <i>Legionella pneumophila</i> Infection of Human Lung Tissue Explants and Contributes to Bacterial Adhesion, Host Cell Invasion, and Twitching Motility. <i>Frontiers in Cellular and Infection Microbiology</i> , 2017, 7, 63.	3.9	34
34	P2Y6 Receptor Activation Promotes Inflammation and Tissue Remodeling in Pulmonary Fibrosis. <i>Frontiers in Immunology</i> , 2017, 8, 1028.	4.8	27
35	Epigenetic modifications of the VGF gene in human non-small cell lung cancer tissues pave the way towards enhanced expression. <i>Clinical Epigenetics</i> , 2017, 9, 123.	4.1	9
36	The purinergic receptor subtype P2Y2 mediates chemotaxis of neutrophils and fibroblasts in fibrotic lung disease. <i>Oncotarget</i> , 2017, 8, 35962-35972.	1.8	28

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37	Back into focus: tumour-associated macrophages and their role in immune checkpoint inhibition. Translational Cancer Research, 2017, 6, S1064-S1065.	1.0	0
38	Preselection of EGFR mutations in non-small-cell lung cancer patients by immunohistochemistry: comparison with DNA-sequencing, EGFR wild-type expression, gene copy number gain and clinicopathological data. Romanian Journal of Morphology and Embryology, 2017, 58, 1175-1184.	0.8	2
39	Functional Toll-Like Receptor 9 Expression and CXCR3 Ligand Release in Pulmonary Sarcoidosis. American Journal of Respiratory Cell and Molecular Biology, 2016, 55, 749-757.	2.9	29
40	DNA Damage Signaling Instructs Polyploid Macrophage Fate in Granulomas. Cell, 2016, 167, 1264-1280.e18.	28.9	94
41	Downregulation of the TGF $\beta$ 2 Pseudoreceptor BAMBI in Non-Small Cell Lung Cancer Enhances TGF $\beta$ 2 Signaling and Invasion. Cancer Research, 2016, 76, 3785-3801.	0.9	75
42	Mycobacteria infect different cell types in the human lung and cause species dependent cellular changes in infected cells. BMC Pulmonary Medicine, 2016, 16, 19.	2.0	49
43	PD-L1 copy number gain in nonsmall-cell lung cancer defines a new subset of patients for anti PD-L1 therapy. Annals of Oncology, 2016, 27, 206-207.	1.2	20
44	Neutrophils in bronchial mucosa, sputum and blood after administration of the CXCR2-antagonist AZD5069 - An explorative study in neutrophilic asthma. , 2016, , .		0
45	Lipoproteins/peptides are sepsis-inducing toxins from bacteria that can be neutralized by synthetic anti-endotoxin peptides. Scientific Reports, 2015, 5, 14292.	3.3	49
46	Improved diagnostics targeting c-MET in non-small cell lung cancer: expression, amplification and activation?. Diagnostic Pathology, 2015, 10, 130.	2.0	70
47	Differential diagnostic value of CD5 and CD117 expression in thoracic tumors: A large scale study of 1465 non-small cell lung cancer cases. Diagnostic Pathology, 2015, 10, 210.	2.0	47
48	Quinidine, but Not Eicosanoid Antagonists or Dexamethasone, Protect the Gut from Platelet Activating Factor-Induced Vasoconstriction, Edema and Paralysis. PLoS ONE, 2015, 10, e0120802.	2.5	5
49	Hydroxyethyl Starch (HES 130/0.4) Impairs Intestinal Barrier Integrity and Metabolic Function: Findings from a Mouse Model of the Isolated Perfused Small Intestine. PLoS ONE, 2015, 10, e0121497.	2.5	13
50	Budesonide Inhibits Intracellular Infection with Non-Typeable <i>Haemophilus influenzae</i> ; despite Its Anti-Inflammatory Effects in Respiratory Cells and Human Lung Tissue: A Role for p38 MAP Kinase. Respiration, 2015, 90, 416-425.	2.6	8
51	Multi-analyte profiling of inflammatory mediators in COPD sputum - The effects of processing. Cytokine, 2015, 71, 401-404.	3.2	20
52	Lipid Analysis of Airway Epithelial Cells for Studying Respiratory Diseases. Chromatographia, 2015, 78, 403-413.	1.3	38
53	Neutrophil extracellular trap formation and extracellular DNA in sputum of stable COPD patients. Respiratory Medicine, 2015, 109, 1360-1362.	2.9	62
54	Enhanced neutrophil extracellular trap (NET) formation in sputum of stable COPD patients. , 2015, , .		2

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55	Therapeutical Administration of Peptide Pep19-2.5 and Ibuprofen Reduces Inflammation and Prevents Lethal Sepsis. PLoS ONE, 2015, 10, e0133291.	2.5	9
56	Placenta-derived conditioned medium with anti-tumor properties on human NSCLC. , 2015, , .		0
57	Correlation of EGFR expression, gene copy number and clinicopathological status in NSCLC. Diagnostic Pathology, 2014, 9, 165.	2.0	17
58	The tissue is the issue: improved methylome analysis from paraffin-embedded tissues by application of the HOPE technique. Laboratory Investigation, 2014, 94, 927-933.	3.7	8
59	Human Lung Tissue Explants Reveal Novel Interactions during Legionella pneumophila Infections. Infection and Immunity, 2014, 82, 275-285.	2.2	77
60	Roasting and lipid binding provide allergenic and proteolytic stability to the peanut allergen Ara h 8. Biological Chemistry, 2014, 395, 239-250.	2.5	41
61	HOPE-Fixation of Lung Tissue Allows Retrospective Proteome and Phosphoproteome Studies. Journal of Proteome Research, 2014, 13, 5230-5239.	3.7	5
62	Mechanisms of Cilia-Driven Transport in the Airways in the Absence of Mucus. American Journal of Respiratory Cell and Molecular Biology, 2014, 51, 56-67.	2.9	30
63	Transforming Growth Factor-Beta Signaling Leads to uPA/PAI-1 Activation and Metastasis: A Study on Human Breast Cancer Tissues. Pathology and Oncology Research, 2014, 20, 727-732.	1.9	15
64	Triggering receptor expressed on myeloid cells (Trem-1) on blood neutrophils is associated with cytokine inducibility in human E. coli sepsis. Diagnostic Pathology, 2013, 8, 24.	2.0	29
65	Glioma infiltration of the corpus callosum: early signs detected by DTI. Journal of Neuro-Oncology, 2013, 112, 217-222.	2.9	57
66	Comment on Nietner et al. [Virchows Arch (s2012) 461:259-269]. Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin, 2013, 463, 609-609.	2.8	0
67	Optimized immunohistochemistry in combination with image analysis: A reliable alternative to quantitative ELISA determination of uPA and PAI-1 for routine risk group discrimination in breast cancer. Breast, 2013, 22, 736-743.	2.2	17
68	Endotoxin induces proliferation of NSCLC in vitro and in vivo: role of COX-2 and EGFR activation. Cancer Immunology, Immunotherapy, 2013, 62, 309-320.	4.2	45
69	HOPE-preservation of paraffin-embedded sputum samples – A new way of bioprofiling in COPD. Respiratory Medicine, 2013, 107, 587-595.	2.9	13
70	Preclinical Investigations Reveal the Broad-Spectrum Neutralizing Activity of Peptide Pep19-2.5 on Bacterial Pathogenicity Factors. Antimicrobial Agents and Chemotherapy, 2013, 57, 1480-1487.	3.2	78
71	The Effect of Dithiothreitol on the Transcriptome of Induced Sputum Cells. Respiration, 2013, 86, 262-263.	2.6	4
72	Expression of the <sc>CTL</sc>2 transcript variants in human peripheral blood cells and human tissues. Transfusion, 2013, 53, 3217-3223.	1.6	15

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73	Nontypeable Haemophilus Influenzae Infection Upregulates the NLRP3 Inflammasome and Leads to Caspase-1-Dependent Secretion of Interleukin-1 $\beta$ A Possible Pathway of Exacerbations in COPD. PLoS ONE, 2013, 8, e66818.	2.5	51
74	Proteomics?. Archives of Pathology and Laboratory Medicine, 2012, 136, 236-237.	2.5	0
75	Pulmonary Haptoglobin and CD163 Are Functional Immunoregulatory Elements in the Human Lung. Respiration, 2012, 83, 61-73.	2.6	20
76	Pulmonary haptoglobin (pHp) is part of the surfactant system in the human lung. Diagnostic Pathology, 2012, 7, 158.	2.0	6
77	Effects of Antimicrobial Peptides on Methanogenic Archaea. Antimicrobial Agents and Chemotherapy, 2012, 56, 4123-4130.	3.2	29
78	Dexamethasone and N-acetyl-cysteine attenuate Pseudomonas aeruginosa-induced mucus expression in human airways. Pulmonary Pharmacology and Therapeutics, 2011, 24, 232-239.	2.6	14
79	COX2 Inhibition Attenuates Th2 Type Cytokine-Induced Mucus Expression In Human Airways. , 2011, , .		0
80	Pulmonary haptoglobin: a new marker for adenocarcinomas of the lung?. Pathology, 2011, 43, 70-72.	0.6	2
81	Virtual slides in peer reviewed, open access medical publication. Diagnostic Pathology, 2011, 6, 124.	2.0	2
82	To be at the right place at the right time. Diagnostic Pathology, 2011, 6, 2-9.	2.0	2
83	Innate immunity in the human lung: pathogen recognition and lung disease. Cell and Tissue Research, 2011, 343, 167-174.	2.9	23
84	S100A7/psoriasin expression in the human lung: unchanged in patients with COPD, but upregulated upon positive S. aureus detection. BMC Pulmonary Medicine, 2011, 11, 10.	2.0	17
85	HOPE-BAL. Journal of Histochemistry and Cytochemistry, 2011, 59, 601-614.	2.5	18
86	Multiple Peptide Resistance Factor (MprF)-mediated Resistance of Staphylococcus aureus against Antimicrobial Peptides Coincides with a Modulated Peptide Interaction with Artificial Membranes Comprising Lysyl-Phosphatidylglycerol. Journal of Biological Chemistry, 2011, 286, 18692-18700.	3.4	84
87	Generation and evaluation of a monoclonal antibody, designated MADL, as a new specific marker for adenocarcinomas of the lung. British Journal of Cancer, 2011, 105, 673-681.	6.4	6
88	Lipopolysaccharide interaction is decisive for the activity of the antimicrobial peptide NK-2 against Escherichia coli and Proteus mirabilis. Biochemical Journal, 2010, 427, 477-488.	3.7	48
89	I787 provides signals for c-Kit receptor internalization and functionality that control mast cell survival and development. Blood, 2010, 116, 2665-2675.	1.4	11
90	The TGF-beta-Pseudoreceptor BAMBI is strongly expressed in COPD lungs and regulated by nontypeable Haemophilus influenzae. Respiratory Research, 2010, 11, 67.	3.6	48

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91	Monoclonal antibody S60-4-14 reveals diagnostic potential in the identification of <i>Pseudomonas aeruginosa</i> in lung tissues of cystic fibrosis patients. <i>European Journal of Cell Biology</i> , 2010, 89, 25-33.	3.6	7
92	Comparison of the effect of lps and pam3 on ventilated lungs. <i>BMC Pulmonary Medicine</i> , 2010, 10, 20.	2.0	3
93	Effect of low tidal volume ventilation on lung function and inflammation in mice. <i>BMC Pulmonary Medicine</i> , 2010, 10, 21.	2.0	21
94	Effect Of Dexamethasone And Acetyl-cysteine On <i>Pseudomonas</i> -induced Mucus Expression. , 2010, , .		0
95	Proteomics Out of the Archive: Two-dimensional Electrophoresis and Mass Spectrometry Using HOPE-fixed, Paraffin-embedded Tissues. <i>Journal of Histochemistry and Cytochemistry</i> , 2010, 58, 221-228.	2.5	23
96	Measuring Immune Responses In Situ. <i>Methods in Microbiology</i> , 2010, 37, 421-437.	0.8	0
97	AI (artificial intelligence) in histopathology—from image analysis to automated diagnosis.. <i>Folia Histochemica Et Cytobiologica</i> , 2010, 47, 355-61.	1.5	50
98	Molecular characterisation of kappa-5, a major antigenic glycoprotein from <i>Schistosoma mansoni</i> eggs. <i>Molecular and Biochemical Parasitology</i> , 2009, 166, 4-14.	1.1	57
99	Expression of the acute phase protein haptoglobin in human lung cancer and tumor-free lung tissues. <i>Pathology Research and Practice</i> , 2009, 205, 639-647.	2.3	43
100	Mortality in human sepsis is associated with downregulation of Toll-like receptor 2 and CD14 expression on blood monocytes. <i>Diagnostic Pathology</i> , 2009, 4, 12.	2.0	50
101	The human placenta releases substances that drive lung cancer into apoptosis. <i>Diagnostic Pathology</i> , 2009, 4, 27.	2.0	2
102	Theory of sampling and its application in tissue based diagnosis. <i>Diagnostic Pathology</i> , 2009, 4, 6.	2.0	42
103	On the significance of Surfactant Protein-A within the human lungs. <i>Diagnostic Pathology</i> , 2009, 4, 8.	2.0	23
104	CXCR7 transcription in human non-small cell lung cancer and tumor-free lung tissues; possible regulation upon chemotherapy. <i>Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin</i> , 2008, 452, 347-348.	2.8	21
105	Structural Analysis of the Capsular Polysaccharide from <i>Acinetobacter lwoffii</i> F78. <i>European Journal of Organic Chemistry</i> , 2008, 2008, 6183-6188.	2.4	12
106	Effect of Steroids, Acetyl-cysteine and Calcium-Activated Chloride Channel Inhibitors on Allergic Mucin Expression in Sinus Mucosa. <i>Laryngoscope</i> , 2008, 118, 1528-1533.	2.0	8
107	Malignant and non-malignant lung tissue areas are differentially populated by natural killer cells and regulatory T cells in non-small cell lung cancer. <i>Lung Cancer</i> , 2008, 59, 32-40.	2.0	87
108	Image standards in Tissue-Based Diagnosis (Diagnostic Surgical Pathology). <i>Diagnostic Pathology</i> , 2008, 3, 17.	2.0	44



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109	TKTL1 is overexpressed in a large portion of non-small cell lung cancer specimens. Diagnostic Pathology, 2008, 3, 35.	2.0	35
110	LED-FISH: Fluorescence microscopy based on light emitting diodes for the molecular analysis of Her-2/neu oncogene amplification. Diagnostic Pathology, 2008, 3, 49.	2.0	7
111	Animal shed <i>Bacillus licheniformis</i> spores possess allergy-protective as well as inflammatory properties. Journal of Allergy and Clinical Immunology, 2008, 122, 307-312.e8.	2.9	65
112	How to measure image quality in tissue-based diagnosis (diagnostic surgical pathology). Diagnostic Pathology, 2008, 3, S11.	2.0	29
113	Structure and mode of action of the antimicrobial peptide arenicin. Biochemical Journal, 2008, 410, 113-122.	3.7	92
114	Modulation of the Inflammatory Response to <i>Streptococcus pneumoniae</i> in a Model of Acute Lung Tissue Infection. American Journal of Respiratory Cell and Molecular Biology, 2008, 39, 522-529.	2.9	50
115	Texture- and object-related automated information analysis in histological still images of various organs. , 2008, 30, 323-35.		17
116	Rationale for the Design of Shortened Derivatives of the NK-lysin-derived Antimicrobial Peptide NK-2 with Improved Activity against Gram-negative Pathogens. Journal of Biological Chemistry, 2007, 282, 14719-14728.	3.4	72
117	Disparate Innate Immune Responses to Persistent and Acute <i>Chlamydia pneumoniae</i> Infection in Chronic Obstructive Pulmonary Disease. American Journal of Respiratory and Critical Care Medicine, 2007, 175, 791-797.	5.6	33
118	DNA methylation markers of surfactant proteins in lung cancer. International Journal of Oncology, 2007, , .	3.3	16
119	Effect of Dexamethasone and ACC on Bacteria-Induced Mucin Expression in Human Airway Mucosa. American Journal of Respiratory Cell and Molecular Biology, 2007, 37, 606-616.	2.9	24
120	LPS-induced mucin expression in human sinus mucosa can be attenuated by hCLCA inhibitors. Journal of Endotoxin Research, 2007, 13, 109-116.	2.5	17
121	A novel human ex vivo model for the analysis of molecular events during lung cancer chemotherapy. Respiratory Research, 2007, 8, 43.	3.6	19
122	HMGA2 overexpression in non-small cell lung cancer. Molecular Carcinogenesis, 2007, 46, 503-511.	2.7	151
123	Natural Killer Cell-Mediated Rejection of Experimental Human Lung Cancer by Genetic Overexpression of Major Histocompatibility Complex Class I Chain-Related Gene A. Human Gene Therapy, 2006, 17, 135-146.	2.7	42
124	Enhanced molecular analyses by combination of the HOPE-technique and laser microdissection. Diagnostic Pathology, 2006, 1, 2.	2.0	26
125	A Vicious Circle of Alveolar Macrophages and Fibroblasts Perpetuates Pulmonary Fibrosis via CCL18. American Journal of Respiratory and Critical Care Medicine, 2006, 173, 781-792.	5.6	403
126	The Wingless homolog WNT5A and its receptor Frizzled-5 regulate inflammatory responses of human mononuclear cells induced by microbial stimulation. Blood, 2006, 108, 965-973.	1.4	333



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127	Pulmonary Responses to Overventilation in Late Multiple Organ Failure. <i>Anesthesiology</i> , 2006, 105, 1192-1200.	2.5	7
128	Interleukin-18 expression by alveolar epithelial cells type II in tuberculosis and sarcoidosis. <i>FEMS Immunology and Medical Microbiology</i> , 2006, 46, 30-38.	2.7	19
129	High-throughput DNA methylation profiling using universal bead arrays. <i>Genome Research</i> , 2006, 16, 383-393.	5.5	591
130	Mycobacteria Induce IFN- $\gamma$ Production in Human Dendritic Cells via Triggering of TLR2. <i>Journal of Immunology</i> , 2006, 176, 5173-5182.	0.8	62
131	Legionella pneumophila Induces IFN- $\gamma$ in Lung Epithelial Cells via IPS-1 and IRF3, Which Also Control Bacterial Replication. <i>Journal of Biological Chemistry</i> , 2006, 281, 36173-36179.	3.4	118
132	Natural Killer Cell-Mediated Rejection of Experimental Human Lung Cancer by Genetic Overexpression of Major Histocompatibility Complex Class I Chain-Related Gene A. <i>Human Gene Therapy</i> , 2006, .	2.7	0
133	Improved detection of mycobacterial DNA by PCR in formalin-fixed, paraffin-embedded tissues using thin sections. <i>Pathology Research and Practice</i> , 2005, 201, 37-40.	2.3	8
134	Tissue microarrays from HOPE-fixed specimens allow for enhanced high throughput molecular analyses in paraffin-embedded material. <i>Pathology Research and Practice</i> , 2005, 201, 599-602.	2.3	19
135	Inter-laboratory validation of PCR-based detection of Mycobacterium tuberculosis in formalin-fixed, paraffin-embedded tissues. <i>Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin</i> , 2005, 447, 573-585.	2.8	27
136	Human lung cancer cells express functionally active Toll-like receptor 9. <i>Respiratory Research</i> , 2005, 6, 1.	3.6	252
137	Toll-like receptor 2 expression is decreased on alveolar macrophages in cigarette smokers and COPD patients. <i>Respiratory Research</i> , 2005, 6, 68.	3.6	186
138	CCR2 and CXCR3 agonistic chemokines are differently expressed and regulated in human alveolar epithelial cells type II. <i>Respiratory Research</i> , 2005, 6, 75.	3.6	43
139	Lung carcinoma-associated atypical adenomatoid hyperplasia, squamous cell dysplasia, and chromosome alterations in non-neoplastic bronchial mucosa. <i>Lung Cancer</i> , 2005, 47, 205-214.	2.0	12
140	Phosphoinositide 3-OH Kinase Inhibition Prevents Ventilation-induced Lung Cell Activation. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2004, 169, 201-208.	5.6	78
141	Alveolar epithelial cells type II are major target cells for C. pneumoniae in chronic but not in acute respiratory infection. <i>FEMS Immunology and Medical Microbiology</i> , 2004, 41, 197-203.	2.7	30
142	HOPE technique enables western blot analysis from paraffin-embedded tissues. <i>Pathology Research and Practice</i> , 2004, 200, 469-472.	2.3	17
143	The HOPE-technique permits Northern blot and microarray analyses in paraffin-embedded tissues. <i>Pathology Research and Practice</i> , 2004, 200, 511-515.	2.3	18
144	HOPE-Fixation Enables Improved PCR-Based Detection and Differentiation of Mycobacterium tuberculosis Complex in Paraffin-Embedded Tissues. <i>Pathology Research and Practice</i> , 2003, 199, 619-623.	2.3	23

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145	Toll-like receptor $\beta$ 2 is expressed by alveolar epithelial cells type $\beta$ II and macrophages in the human lung. <i>Histochemistry and Cell Biology</i> , 2003, 119, 103-108.	1.7	108
146	What's Cooking? Detection of Important Biomarkers in HOPE-Fixed, Paraffin-Embedded Tissues Eliminates the Need for Antigen Retrieval. <i>American Journal of Pathology</i> , 2003, 163, 2638-2640.	3.8	36
147	Atypical adenomatous hyperplasia of lung: its incidence and analysis of clinical, glycohistochemical and structural features including newly defined growth regulators and vascularization. <i>Lung Cancer</i> , 2003, 42, 171-182.	2.0	31
148	Stretch Activates Nitric Oxide Production in Pulmonary Vascular Endothelial Cells <i>In Situ</i> . <i>American Journal of Respiratory and Critical Care Medicine</i> , 2003, 168, 1391-1398.	5.6	111
149	HOPE Fixation of Cytospin Preparations of Human Cells for In Situ Hybridization and Immunocytochemistry. <i>Journal of Histochemistry and Cytochemistry</i> , 2003, 51, 977-980.	2.5	24
150	Differential Haemoglobin Gene Expression in the Crustacean <i>Daphnia magna</i> Exposed to Different Oxygen Partial Pressures. <i>Biological Chemistry</i> , 2003, 384, 1133-45.	2.5	43
151	Alveolar macrophages are the main source for tumour necrosis factor $\alpha$ in patients with sarcoidosis. <i>European Respiratory Journal</i> , 2003, 21, 421-428.	6.7	97
152	Direct and Indirect In Situ PCR. , 2003, , 433-444.		0
153	Ventilation-induced activation of the mitogen-activated protein kinase pathway. <i>European Respiratory Journal</i> , 2002, 20, 946-956.	6.7	87
154	Pattern of NOS2 and NOS3 mRNA expression in human A549 cells and primary cultured AEC II. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2002, 282, L684-L692.	2.9	41
155	Assessment of Transcriptional Gene Activity in situ by Application of HOPE-fixed, Paraffin-embedded Tissues. <i>Pathology Research and Practice</i> , 2002, 198, 91-95.	2.3	37
156	HOPE – A New Fixing Technique Enables Preservation and Extraction of High Molecular Weight DNA and RNA of >20 kb from Paraffin-embedded Tissues. <i>Pathology Research and Practice</i> , 2002, 198, 735-740.	2.3	42
157	Formation of Granulomas in the Lungs of Severe Combined Immunodeficient Mice after Infection with <i>Bacillus Calmette-Guerin</i> . <i>American Journal of Pathology</i> , 2001, 158, 1890-1891.	3.8	9
158	Cost-effective gel documentation using a web-cam. <i>Journal of Proteomics</i> , 2001, 50, 91-95.	2.4	23
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