

Norbert Suttorp

List of Publications by Citations

Source: <https://exaly.com/author-pdf/4290802/norbert-suttorp-publications-by-citations.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.

265
papers

13,251
citations

63
h-index

104
g-index

280
ext. papers

16,611
ext. citations

8.2
avg, IF

5.92
L-index

#	Paper	IF	Citations
265	Angiopoietin-2 sensitizes endothelial cells to TNF-alpha and has a crucial role in the induction of inflammation. <i>Nature Medicine</i> , 2006 , 12, 235-9	50.5	697
264	SARS-CoV-2-reactive T cells in healthy donors and patients with COVID-19. <i>Nature</i> , 2020 , 587, 270-274	50.4	688
263	Severe COVID-19 Is Marked by a Dysregulated Myeloid Cell Compartment. <i>Cell</i> , 2020 , 182, 1419-1440.e236.2	36.2	558
262	COVID-19 severity correlates with airway epithelium-immune cell interactions identified by single-cell analysis. <i>Nature Biotechnology</i> , 2020 , 38, 970-979	44.5	487
261	Nucleotide-binding oligomerization domain proteins are innate immune receptors for internalized <i>Streptococcus pneumoniae</i> . <i>Journal of Biological Chemistry</i> , 2004 , 279, 36426-32	5.4	254
260	IFNbeta induction by influenza A virus is mediated by RIG-I which is regulated by the viral NS1 protein. <i>Cellular Microbiology</i> , 2007 , 9, 930-8	3.9	225
259	Ultra-High-Throughput Clinical Proteomics Reveals Classifiers of COVID-19 Infection. <i>Cell Systems</i> , 2020 , 11, 11-24.e4	10.6	219
258	The NLRP3 inflammasome is differentially activated by pneumolysin variants and contributes to host defense in pneumococcal pneumonia. <i>Journal of Immunology</i> , 2011 , 187, 434-40	5.3	196
257	Innate immune recognition in infectious and noninfectious diseases of the lung. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2010 , 181, 1294-309	10.2	188
256	A Therapeutic Non-self-reactive SARS-CoV-2 Antibody Protects from Lung Pathology in a COVID-19 Hamster Model. <i>Cell</i> , 2020 , 183, 1058-1069.e19	56.2	182
255	<i>Listeria monocytogenes</i> activated p38 MAPK and induced IL-8 secretion in a nucleotide-binding oligomerization domain 1-dependent manner in endothelial cells. <i>Journal of Immunology</i> , 2006 , 176, 484-90	5.3	166
254	Nod1-mediated endothelial cell activation by <i>Chlamydomydia pneumoniae</i> . <i>Circulation Research</i> , 2005 , 96, 319-26	15.7	164
253	Cardiovascular and inflammatory biomarkers to predict short- and long-term survival in community-acquired pneumonia: Results from the German Competence Network, CAPNETZ. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2010 , 182, 1426-34	10.2	157
252	<i>Listeria monocytogenes</i> -infected human peripheral blood mononuclear cells produce IL-1beta, depending on listeriolysin O and NLRP3. <i>Journal of Immunology</i> , 2010 , 184, 922-30	5.3	156
251	Naturally occurring anti-IFN-gamma autoantibody and severe infections with <i>Mycobacterium chelonae</i> and <i>Burkholderia cocovenenans</i> . <i>Blood</i> , 2004 , 103, 673-5	2.2	151
250	Rho proteins and the p38-MAPK pathway are important mediators for LPS-induced interleukin-8 expression in human endothelial cells. <i>Blood</i> , 2000 , 95, 3044-3051	2.2	149
249	Adrenomedullin reduces endothelial hyperpermeability. <i>Circulation Research</i> , 2002 , 91, 618-25	15.7	147

248	p38 MAP kinase--a molecular switch between VEGF-induced angiogenesis and vascular hyperpermeability. <i>FASEB Journal</i> , 2003 , 17, 262-4	0.9	146
247	Tumor necrosis factor-alpha-dependent expression of phosphodiesterase 2: role in endothelial hyperpermeability. <i>Blood</i> , 2005 , 105, 3569-76	2.2	143
246	Avoiding invasive mechanical ventilation by extracorporeal carbon dioxide removal in patients failing noninvasive ventilation. <i>Intensive Care Medicine</i> , 2012 , 38, 1632-9	14.5	142
245	IFNs Modify the Proteome of Legionella-Containing Vacuoles and Restrict Infection Via IRG1-Derived Itaconic Acid. <i>PLoS Pathogens</i> , 2016 , 12, e1005408	7.6	142
244	Community-acquired Legionella pneumonia: new insights from the German competence network for community acquired pneumonia. <i>Clinical Infectious Diseases</i> , 2008 , 46, 1356-64	11.6	140
243	Effect of omalizumab treatment on peripheral eosinophil and T-lymphocyte function in patients with allergic asthma. <i>Journal of Allergy and Clinical Immunology</i> , 2006 , 117, 1493-9	11.5	135
242	Recognition of Streptococcus pneumoniae by the innate immune system. <i>Cellular Microbiology</i> , 2012 , 14, 460-6	3.9	125
241	Systemic use of the endolysin Cpl-1 rescues mice with fatal pneumococcal pneumonia. <i>Critical Care Medicine</i> , 2009 , 37, 642-9	1.4	122
240	Role of pneumolysin for the development of acute lung injury in pneumococcal pneumonia. <i>Critical Care Medicine</i> , 2006 , 34, 1947-54	1.4	112
239	Influenza A viruses target type II pneumocytes in the human lung. <i>Journal of Infectious Diseases</i> , 2012 , 206, 1685-94	7	111
238	Lung epithelium as a sentinel and effector system in pneumonia--molecular mechanisms of pathogen recognition and signal transduction. <i>Respiratory Research</i> , 2006 , 7, 97	7.3	111
237	Statins control oxidized LDL-mediated histone modifications and gene expression in cultured human endothelial cells. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2009 , 29, 380-6	9.4	108
236	NAIP and Ipaf control Legionella pneumophila replication in human cells. <i>Journal of Immunology</i> , 2008 , 180, 6808-15	5.3	107
235	Lung cell oxidant injury. Enhancement of polymorphonuclear leukocyte-mediated cytotoxicity in lung cells exposed to sustained in vitro hyperoxia. <i>Journal of Clinical Investigation</i> , 1982 , 70, 342-50	15.9	100
234	CEACAM1 inhibits Toll-like receptor 2-triggered antibacterial responses of human pulmonary epithelial cells. <i>Nature Immunology</i> , 2008 , 9, 1270-8	19.1	98
233	Legionella pneumophila induces IFNbeta in lung epithelial cells via IPS-1 and IRF3, which also control bacterial replication. <i>Journal of Biological Chemistry</i> , 2006 , 281, 36173-9	5.4	98
232	Streptococcus pneumoniae-induced p38 MAPK-dependent phosphorylation of RelA at the interleukin-8 promotor. <i>Journal of Biological Chemistry</i> , 2004 , 279, 53241-7	5.4	95
231	Recognition of microbial viability via TLR8 drives T cell differentiation and vaccine responses. <i>Nature Immunology</i> , 2018 , 19, 386-396	19.1	93

230	Intravenous artesunate for severe malaria in travelers, Europe. <i>Emerging Infectious Diseases</i> , 2011 , 17, 771-7	10.2	92
229	Safety, reactogenicity, and immunogenicity of homologous and heterologous prime-boost immunisation with ChAdOx1 nCoV-19 and BNT162b2: a prospective cohort study. <i>Lancet Respiratory Medicine</i> , 2021 , 9, 1255-1265	35.1	91
228	<i>Moraxella catarrhalis</i> is internalized in respiratory epithelial cells by a trigger-like mechanism and initiates a TLR2- and partly NOD1-dependent inflammatory immune response. <i>Cellular Microbiology</i> , 2007 , 9, 694-707	3.9	89
227	Omega-3 fatty acids suppress monocyte adhesion to human endothelial cells: role of endothelial PAF generation. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2002 , 283, H811-8	5.2	89
226	Serum glucose levels for predicting death in patients admitted to hospital for community acquired pneumonia: prospective cohort study. <i>BMJ, The</i> , 2012 , 344, e3397	5.9	88
225	Rho protein inactivation induced apoptosis of cultured human endothelial cells. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2002 , 283, L830-8	5.8	85
224	Emerging human middle East respiratory syndrome coronavirus causes widespread infection and alveolar damage in human lungs. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2013 , 188, 882-6	10.2	84
223	Adrenomedullin reduces vascular hyperpermeability and improves survival in rat septic shock. <i>Intensive Care Medicine</i> , 2007 , 33, 703-10	14.5	84
222	Intracellular bacteria differentially regulated endothelial cytokine release by MAPK-dependent histone modification. <i>Journal of Immunology</i> , 2005 , 175, 2843-50	5.3	84
221	<i>Streptococcus pneumoniae</i> stimulates a STING- and IFN regulatory factor 3-dependent type I IFN production in macrophages, which regulates RANTES production in macrophages, cocultured alveolar epithelial cells, and mouse lungs. <i>Journal of Immunology</i> , 2012 , 188, 811-7	5.3	82
220	Differential antiviral response of endothelial cells after infection with pathogenic and nonpathogenic hantaviruses. <i>Journal of Virology</i> , 2004 , 78, 6143-50	6.6	82
219	Induction of phosphodiesterases 3B, 4A4, 4D1, 4D2, and 4D3 in Jurkat T-cells and in human peripheral blood T-lymphocytes by 8-bromo-cAMP and Gs-coupled receptor agonists. Potential role in beta2-adrenoreceptor desensitization. <i>Journal of Biological Chemistry</i> , 1998 , 273, 20575-88	5.4	82
218	Identification and function of cyclic nucleotide phosphodiesterase isoenzymes in airway epithelial cells. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 1999 , 20, 292-302	5.7	82
217	Adrenomedullin and endothelial barrier function. <i>Thrombosis and Haemostasis</i> , 2007 , 98, 944-51	7	80
216	Role of Toll-like receptors, NOD-like receptors and RIG-I-like receptors in endothelial cells and systemic infections. <i>Thrombosis and Haemostasis</i> , 2009 , 102, 1103-9	7	79
215	Correction for Knepper et al., The Novel Human Influenza A(H7N9) Virus Is Naturally Adapted to Efficient Growth in Human Lung Tissue. <i>MBio</i> , 2014 , 5,	7.8	78
214	In vitro screening identifies TRPV4 as target for endothelial barrier stabilization in COVID-19. <i>FASEB Journal</i> , 2021 , 35,	0.9	78
213	Communicable diseases prioritized for surveillance and epidemiological research: results of a standardized prioritization procedure in Germany, 2011. <i>PLoS ONE</i> , 2011 , 6, e25691	3.7	73

212	Severe Pneumococcal Pneumonia Causes Acute Cardiac Toxicity and Subsequent Cardiac Remodeling. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2017 , 196, 609-620	10.2	70
211	Histone acetylation and flagellin are essential for Legionella pneumophila-induced cytokine expression. <i>Journal of Immunology</i> , 2008 , 181, 940-7	5.3	69
210	Bartonella henselae induces NF-kappaB-dependent upregulation of adhesion molecules in cultured human endothelial cells: possible role of outer membrane proteins as pathogenic factors. <i>Infection and Immunity</i> , 2001 , 69, 5088-97	3.7	69
209	Pro-atrial natriuretic peptide and pro-vasopressin to predict severity and prognosis in community-acquired pneumonia: results from the German competence network CAPNETZ. <i>Intensive Care Medicine</i> , 2007 , 33, 2069-78	14.5	66
208	Streptococcus pneumoniae-induced caspase 6-dependent apoptosis in lung epithelium. <i>Infection and Immunity</i> , 2004 , 72, 4940-7	3.7	66
207	Rho protein inhibition blocks protein kinase C translocation and activation. <i>Biochemical and Biophysical Research Communications</i> , 1998 , 245, 830-4	3.4	66
206	IFNbeta responses induced by intracellular bacteria or cytosolic DNA in different human cells do not require ZBP1 (DLM-1/DAI). <i>Cellular Microbiology</i> , 2008 , 10, 2579-88	3.9	65
205	Pseudomonas aeruginosa cytotoxin stimulates prostacyclin production in cultured pulmonary artery endothelial cells: membrane attack and calcium influx. <i>Journal of Cellular Physiology</i> , 1985 , 123, 64-72	7	65
204	Dissection of a type I interferon pathway in controlling bacterial intracellular infection in mice. <i>Cellular Microbiology</i> , 2011 , 13, 1668-82	3.9	64
203	Deregulation of the CEACAM expression pattern causes undifferentiated cell growth in human lung adenocarcinoma cells. <i>PLoS ONE</i> , 2010 , 5, e8747	3.7	63
202	Pneumococci induced TLR- and Rac1-dependent NF-kappaB-recruitment to the IL-8 promoter in lung epithelial cells. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2006 , 290, L730-L737	5.8	62
201	CFTR and sphingolipids mediate hypoxic pulmonary vasoconstriction. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015 , 112, E1614-23	11.5	61
200	Infection and activation of airway epithelial cells by Chlamydia pneumoniae. <i>Journal of Infectious Diseases</i> , 2000 , 182, 1678-87	7	61
199	VEGF induces hyperpermeability by a direct action on endothelial cells. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 1998 , 274, L678-84	5.8	60
198	Phosphodiesterase 2 inhibition diminished acute lung injury in murine pneumococcal pneumonia. <i>Critical Care Medicine</i> , 2009 , 37, 584-90	1.4	58
197	Simvastatin attenuates ventilator-induced lung injury in mice. <i>Critical Care</i> , 2010 , 14, R143	10.8	54
196	Pro-atrial natriuretic peptide and pro-vasopressin for predicting short-term and long-term survival in community-acquired pneumonia: results from the German Competence Network CAPNETZ. <i>Thorax</i> , 2010 , 65, 208-14	7.3	54
195	Moraxella catarrhalis induces inflammatory response of bronchial epithelial cells via MAPK and NF-kappaB activation and histone deacetylase activity reduction. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2006 , 290, L818-26	5.8	54

194	Streptococcus pneumoniae induced p38 MAPK- and NF-kappaB-dependent COX-2 expression in human lung epithelium. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2006 , 290, L1131-8	5.8	53
193	Mechanical ventilation drives pneumococcal pneumonia into lung injury and sepsis in mice: protection by adrenomedullin. <i>Critical Care</i> , 2014 , 18, R73	10.8	52
192	Mycoplasma pneumoniae pneumonia revisited within the German Competence Network for Community-acquired pneumonia (CAPNETZ). <i>BMC Infectious Diseases</i> , 2009 , 9, 62	4	52
191	Perturbation of endothelial junction proteins by Staphylococcus aureus alpha-toxin: inhibition of endothelial gap formation by adrenomedullin. <i>Histochemistry and Cell Biology</i> , 2006 , 126, 305-16	2.4	51
190	Hydrogen peroxide-induced increase in lung endothelial and epithelial permeability--effect of adenylate cyclase stimulation and phosphodiesterase inhibition. <i>Microvascular Research</i> , 1995 , 50, 1-17	3.7	51
189	Dynamics of pulmonary endothelial barrier function in acute inflammation: mechanisms and therapeutic perspectives. <i>Cell and Tissue Research</i> , 2014 , 355, 657-73	4.2	50
188	Streptococcus pneumoniae induced c-Jun-N-terminal kinase- and AP-1 -dependent IL-8 release by lung epithelial BEAS-2B cells. <i>Respiratory Research</i> , 2006 , 7, 98	7.3	48
187	Antibiotic treatment-induced secondary IgA deficiency enhances susceptibility to Pseudomonas aeruginosa pneumonia. <i>Journal of Clinical Investigation</i> , 2018 , 128, 3535-3545	15.9	48
186	Immunostimulation with macrophage-activating lipopeptide-2 increased survival in murine pneumonia. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2009 , 40, 474-81	5.7	47
185	Beta-PIX and Rac1 GTPase mediate trafficking and negative regulation of NOD2. <i>Journal of Immunology</i> , 2008 , 181, 2664-71	5.3	47
184	Adrenomedullin reduces Staphylococcus aureus alpha-toxin-induced rat ileum microcirculatory damage. <i>Critical Care Medicine</i> , 2005 , 33, 819-26	1.4	47
183	Ultra-fast proteomics with Scanning SWATH. <i>Nature Biotechnology</i> , 2021 , 39, 846-854	44.5	47
182	A Semi-synthetic Oligosaccharide Conjugate Vaccine Candidate Confers Protection against Streptococcus pneumoniae Serotype 3 Infection. <i>Cell Chemical Biology</i> , 2016 , 23, 1407-1416	8.2	45
181	Adrenomedullin attenuates ventilator-induced lung injury in mice. <i>Thorax</i> , 2010 , 65, 1077-84	7.3	45
180	Porphyromonas gingivalis strain-dependent activation of human endothelial cells. <i>Infection and Immunity</i> , 2004 , 72, 5910-8	3.7	45
179	The novel human influenza A(H7N9) virus is naturally adapted to efficient growth in human lung tissue. <i>MBio</i> , 2013 , 4, e00601-13	7.8	44
178	Interaction of pathogens with the endothelium. <i>Thrombosis and Haemostasis</i> , 2003 , 89, 18-24	7	44
177	Delivery of the endolysin Cpl-1 by inhalation rescues mice with fatal pneumococcal pneumonia. <i>Journal of Antimicrobial Chemotherapy</i> , 2013 , 68, 2111-7	5.1	43

176	Schistosomiasis in European Travelers and Migrants: Analysis of 14 Years TropNet Surveillance Data. <i>American Journal of Tropical Medicine and Hygiene</i> , 2017 , 97, 567-574	3.2	43
175	NOD-Like Receptors in Lung Diseases. <i>Frontiers in Immunology</i> , 2013 , 4, 393	8.4	42
174	Induction of human Defensin-2 in pulmonary epithelial cells by Legionella pneumophila: involvement of TLR2 and TLR5, p38 MAPK, JNK, NF- κ B, and AP-1. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2010 , 298, L687-95	5.8	41
173	Malarone treatment failure not associated with previously described mutations in the cytochrome b gene. <i>Malaria Journal</i> , 2004 , 3, 14	3.6	41
172	Community-acquired pneumonia as medical emergency: predictors of early deterioration. <i>Thorax</i> , 2015 , 70, 551-8	7.3	40
171	Studying the pathophysiology of coronavirus disease 2019: a protocol for the Berlin prospective COVID-19 patient cohort (Pa-COVID-19). <i>Infection</i> , 2020 , 48, 619-626	5.8	40
170	RNAi-mediated suppression of constitutive pulmonary gene expression by small interfering RNA in mice. <i>Pulmonary Pharmacology and Therapeutics</i> , 2010 , 23, 334-44	3.5	40
169	Reduction of tumor necrosis factor-alpha (TNF-alpha) related nuclear factor-kappaB (NF-kappaB) translocation but not inhibitor kappa-B (Ikappa-B)-degradation by Rho protein inhibition in human endothelial cells. <i>Biochemical Pharmacology</i> , 2002 , 64, 971-7	6	40
168	Streptococcus pneumoniae-Induced Oxidative Stress in Lung Epithelial Cells Depends on Pneumococcal Autolysis and Is Reversible by Resveratrol. <i>Journal of Infectious Diseases</i> , 2015 , 211, 1822-30	7.3	37
167	Severe malaria in Europe: an 8-year multi-centre observational study. <i>Malaria Journal</i> , 2017 , 16, 57	3.6	37
166	Simvastatin reduces Chlamydomphila pneumoniae-mediated histone modifications and gene expression in cultured human endothelial cells. <i>Circulation Research</i> , 2008 , 102, 888-95	15.7	37
165	Extra- and intracellular innate immune recognition in endothelial cells. <i>Thrombosis and Haemostasis</i> , 2007 , 98, 319-326	7	37
164	Sensitivity of hemozoin detection by automated flow cytometry in non- and semi-immune malaria patients 2003 , 55, 46-51		37
163	Prognostic and Pathogenic Role of Angiopietin-1 and -2 in Pneumonia. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2018 , 198, 220-231	10.2	36
162	The Sphingosine-1 Phosphate receptor agonist FTY720 dose dependently affected endothelial integrity in vitro and aggravated ventilator-induced lung injury in mice. <i>Pulmonary Pharmacology and Therapeutics</i> , 2011 , 24, 377-85	3.5	36
161	Assessment of inflammatory markers in patients with community-acquired pneumonia--influence of antimicrobial pre-treatment: results from the German competence network CAPNETZ. <i>Clinica Chimica Acta</i> , 2010 , 411, 1929-34	6.2	36
160	Serum cortisol predicts death and critical disease independently of CRB-65 score in community-acquired pneumonia: a prospective observational cohort study. <i>BMC Infectious Diseases</i> , 2012 , 12, 90	4	35
159	Streptococcus pneumoniae R6x induced p38 MAPK and JNK-mediated caspase-dependent apoptosis in human endothelial cells. <i>Thrombosis and Haemostasis</i> , 2005 , 94, 295-303	7	35

158	Genetic Factors of the Disease Course after Sepsis: A Genome-Wide Study for 28Day Mortality. <i>EBioMedicine</i> , 2016 , 12, 239-246	8.8	35
157	Streptococcus pneumoniae-induced regulation of cyclooxygenase-2 in human lung tissue. <i>European Respiratory Journal</i> , 2012 , 40, 1458-67	13.6	34
156	Allergic lung inflammation induces pulmonary vascular hyperresponsiveness. <i>European Respiratory Journal</i> , 2006 , 28, 370-7	13.6	34
155	Streptococcus pneumoniae induces human Defensin-2 and -3 in human lung epithelium. <i>Experimental Lung Research</i> , 2012 , 38, 100-10	2.3	33
154	Role of local pulmonary IFN-gamma expression in murine allergic airway inflammation. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2006 , 35, 211-9	5.7	33
153	Pneumolysin induced mitochondrial dysfunction leads to release of mitochondrial DNA. <i>Scientific Reports</i> , 2018 , 8, 182	4.9	32
152	Rac1 regulates the NLRP3 inflammasome which mediates IL-1beta production in Chlamydomphila pneumoniae infected human mononuclear cells. <i>PLoS ONE</i> , 2012 , 7, e30379	3.7	32
151	Malaria transmission in non-endemic areas: case report, review of the literature and implications for public health management. <i>Malaria Journal</i> , 2009 , 8, 71	3.6	32
150	A time-resolved proteomic and prognostic map of COVID-19. <i>Cell Systems</i> , 2021 , 12, 780-794.e7	10.6	32
149	Sequential organ failure assessment score is an excellent operationalization of disease severity of adult patients with hospitalized community acquired pneumonia - results from the prospective observational PROGRESS study. <i>Critical Care</i> , 2019 , 23, 110	10.8	31
148	The C-type lectin receptor Mincle binds to Streptococcus pneumoniae but plays a limited role in the anti-pneumococcal innate immune response. <i>PLoS ONE</i> , 2015 , 10, e0117022	3.7	31
147	Essential role of mitochondrial antiviral signaling, IFN regulatory factor (IRF)3, and IRF7 in Chlamydomphila pneumoniae-mediated IFN-beta response and control of bacterial replication in human endothelial cells. <i>Journal of Immunology</i> , 2010 , 184, 3072-8	5.3	31
146	Legionella pneumophila-induced PKCalpha-, MAPK-, and NF-kappaB-dependent COX-2 expression in human lung epithelium. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2007 , 292, L267-77	5.8	31
145	Relative frequency of malaria pigment-carrying monocytes of nonimmune and semi-immune patients from flow cytometric depolarized side scatter. <i>Cytometry</i> , 2001 , 45, 133-40		31
144	Role of membrane lipids in the pulmonary vascular abnormalities caused by bacterial toxins. <i>The American Review of Respiratory Disease</i> , 1987 , 136, 462-6		30
143	Spectrum of pathogen- and model-specific histopathologies in mouse models of acute pneumonia. <i>PLoS ONE</i> , 2017 , 12, e0188251	3.7	29
142	Role of sphingosine kinase 1 in allergen-induced pulmonary vascular remodeling and hyperresponsiveness. <i>Journal of Allergy and Clinical Immunology</i> , 2009 , 124, 933-41.e1-9	11.5	29
141	Human Pulmonary 3D Models For Translational Research. <i>Biotechnology Journal</i> , 2018 , 13, 1700341	5.6	29

140	C-terminal provasopressin (copeptin) in patients with community-acquired pneumonia--influence of antibiotic pre-treatment: results from the German competence network CAPNETZ. <i>Journal of Antimicrobial Chemotherapy</i> , 2009 , 64, 159-62	5.1	28
139	Intravenous Artesunate Reduces Parasite Clearance Time, Duration of Intensive Care, and Hospital Treatment in Patients With Severe Malaria in Europe: The TropNet Severe Malaria Study. <i>Clinical Infectious Diseases</i> , 2015 , 61, 1441-4	11.6	27
138	Adrenomedullin reduces intestinal epithelial permeability in vivo and in vitro. <i>American Journal of Physiology - Renal Physiology</i> , 2009 , 297, G43-51	5.1	27
137	Comparative transcriptional profiling of the lung reveals shared and distinct features of <i>Streptococcus pneumoniae</i> and influenza A virus infection. <i>Immunology</i> , 2007 , 120, 380-91	7.8	27
136	Role of platelet-activating factor in pneumolysin-induced acute lung injury. <i>Critical Care Medicine</i> , 2007 , 35, 1756-62	1.4	27
135	<i>Chlamydomphila pneumoniae</i> . Mechanisms of target cell infection and activation. <i>Thrombosis and Haemostasis</i> , 2005 , 94, 319-26	7	27
134	Dysnatremia, vasopressin, atrial natriuretic peptide and mortality in patients with community-acquired pneumonia: results from the german competence network CAPNETZ. <i>Respiratory Medicine</i> , 2014 , 108, 1696-705	4.6	26
133	TLR9- and Src-dependent expression of Krueppel-like factor 4 controls interleukin-10 expression in pneumonia. <i>European Respiratory Journal</i> , 2013 , 41, 384-91	13.6	26
132	Mechanisms of <i>Chlamydomphila pneumoniae</i> -mediated GM-CSF release in human bronchial epithelial cells. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2006 , 34, 375-82	5.7	26
131	Detection of allergen-induced airway hyperresponsiveness in isolated mouse lungs. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2006 , 291, L466-72	5.8	26
130	The UspA1 protein of <i>Moraxella catarrhalis</i> induces CEACAM-1-dependent apoptosis in alveolar epithelial cells. <i>Journal of Infectious Diseases</i> , 2007 , 195, 1651-60	7	26
129	Rho protein inhibition blocks cyclooxygenase-2 expression by proinflammatory mediators in endothelial cells. <i>Inflammation</i> , 2003 , 27, 89-95	5.1	26
128	Modifying Post-Operative Medical Care after EBV Implant May Reduce Pneumothorax Incidence. <i>PLoS ONE</i> , 2015 , 10, e0128097	3.7	26
127	Serotype 1 and 8 Pneumococci Evade Sensing by Inflammasomes in Human Lung Tissue. <i>PLoS ONE</i> , 2015 , 10, e0137108	3.7	26
126	Evaluation of PEEP and prone positioning in early COVID-19 ARDS. <i>EClinicalMedicine</i> , 2020 , 28, 100579	11.3	26
125	Increasing the inspiratory time and I:E ratio during mechanical ventilation aggravates ventilator-induced lung injury in mice. <i>Critical Care</i> , 2015 , 19, 23	10.8	25
124	Outcomes of Endobronchial Valve Treatment Based on the Precise Criteria of an Endobronchial Catheter for Detection of Collateral Ventilation under Spontaneous Breathing. <i>Respiration</i> , 2016 , 91, 69-78	3.7	25
123	Innate immune recognition and inflammasome activation in <i>listeria monocytogenes</i> infection. <i>Frontiers in Microbiology</i> , 2010 , 1, 149	5.7	25

122	Single nucleotide polymorphism in 5'flanking region reduces transcription of surfactant protein B gene in H441 cells. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2006 , 291, L386-90	5.8	25
121	Regulation of interleukin IL-4, IL-13, IL-10, and their downstream components in lipopolysaccharide-exposed rat lungs. Comparison of the constitutive expression between rats and humans. <i>Cytokine</i> , 2006 , 33, 199-211	4	25
120	The common HAQ STING variant impairs cGAS-dependent antibacterial responses and is associated with susceptibility to Legionnaires Disease in humans. <i>PLoS Pathogens</i> , 2018 , 14, e1006829	7.6	25
119	Tyk2 as a target for immune regulation in human viral/bacterial pneumonia. <i>European Respiratory Journal</i> , 2017 , 50,	13.6	24
118	Pulmonary immunostimulation with MALP-2 in influenza virus-infected mice increases survival after pneumococcal superinfection. <i>Infection and Immunity</i> , 2015 , 83, 4617-29	3.7	22
117	Inflammasomes in Pneumococcal Infection: Innate Immune Sensing and Bacterial Evasion Strategies. <i>Current Topics in Microbiology and Immunology</i> , 2016 , 397, 215-27	3.3	22
116	Intermedin stabilized endothelial barrier function and attenuated ventilator-induced lung injury in mice. <i>PLoS ONE</i> , 2012 , 7, e35832	3.7	22
115	TLR2- and nucleotide-binding oligomerization domain 2-dependent Kröppel-like factor 2 expression downregulates NF-kappa B-related gene expression. <i>Journal of Immunology</i> , 2010 , 185, 597-604	5.3	22
114	SARS-CoV-2 infection triggers profibrotic macrophage responses and lung fibrosis.. <i>Cell</i> , 2021 , 184, 6243-6261.e27	6.2	27
113	Late-Onset Disseminated Mycobacterium avium intracellulare Complex Infection (MAC), Cerebral Toxoplasmosis and Salmonella Sepsis in a German Caucasian Patient with Unusual Anti-Interferon-Gamma IgG1 Autoantibodies. <i>Journal of Clinical Immunology</i> , 2015 , 35, 361-5	5.7	21
112	Impact of pneumococcal vaccination in children on serotype distribution in adult community-acquired pneumonia using the serotype-specific multiplex urinary antigen detection assay. <i>Vaccine</i> , 2016 , 34, 2342-8	4.1	21
111	Importance of the glutathione redox cycle for the resistance of lung epithelial cells against a polymorphonuclear leukocyte-mediated oxidant attack. <i>Biochemical Pharmacology</i> , 1986 , 35, 2268-70	6	20
110	Hemolysis after Oral Artemisinin Combination Therapy for Uncomplicated Plasmodium falciparum Malaria. <i>Emerging Infectious Diseases</i> , 2016 , 22, 1381-6	10.2	20
109	Long-term immunogenicity of BNT162b2 vaccination in older people and younger health-care workers. <i>Lancet Respiratory Medicine</i> , 2021 , 9, e104-e105	35.1	19
108	The "Choosing Wisely" initiative in infectious diseases. <i>Infection</i> , 2017 , 45, 263-268	5.8	18
107	A new strategy for the prevention of IgA anaphylactic transfusion reactions. <i>Transfusion</i> , 2004 , 44, 509-11.	11.9	18
106	MicroRNAs Constitute a Negative Feedback Loop in Streptococcus pneumoniae-Induced Macrophage Activation. <i>Journal of Infectious Diseases</i> , 2016 , 214, 288-99	7	17
105	Community-acquired Haemophilus influenzae pneumonia--New insights from the CAPNETZ study. <i>Journal of Infection</i> , 2016 , 72, 554-63	18.9	17

104	Human African trypanosomiasis with 7-year incubation period: clinical, laboratory and neuroimaging findings. <i>Parasitology International</i> , 2014 , 63, 557-60	2.1	17
103	Plasma mediators in patients with severe COVID-19 cause lung endothelial barrier failure. <i>European Respiratory Journal</i> , 2021 , 57,	13.6	17
102	Vasculotide reduces pulmonary hyperpermeability in experimental pneumococcal pneumonia. <i>Critical Care</i> , 2017 , 21, 274	10.8	16
101	NLRP3 protects alveolar barrier integrity by an inflammasome-independent increase of epithelial cell adherence. <i>Scientific Reports</i> , 2016 , 6, 30943	4.9	16
100	Interaction of human neutrophils with airway epithelial cells: reduction of leukotriene B4 generation by epithelial cell derived prostaglandin E2. <i>Journal of Cellular Physiology</i> , 1998 , 175, 268-75	7	15
99	Moraxella catarrhalis--infected alveolar epithelium induced monocyte recruitment and oxidative burst. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2005 , 32, 157-66	5.7	15
98	A SARS-CoV-2 neutralizing antibody protects from lung pathology in a COVID-19 hamster model 2020 ,		15
97	Erlotinib in patients with advanced non-small-cell lung cancer: impact of dose reductions and a novel surrogate marker. <i>Medical Oncology</i> , 2012 , 29, 193-8	3.7	14
96	Moxifloxacin is not anti-inflammatory in experimental pneumococcal pneumonia. <i>Journal of Antimicrobial Chemotherapy</i> , 2015 , 70, 830-40	5.1	14
95	Differences in clinical manifestations of imported versus autochthonous leptospirosis in Austria and Germany. <i>American Journal of Tropical Medicine and Hygiene</i> , 2010 , 83, 326-35	3.2	14
94	Localization and pneumococcal alteration of junction proteins in the human alveolar-capillary compartment. <i>Histochemistry and Cell Biology</i> , 2017 , 147, 707-719	2.4	13
93	Human lung ex vivo infection models. <i>Cell and Tissue Research</i> , 2017 , 367, 511-524	4.2	13
92	Microbiota-Dependent Regulation of Antimicrobial Immunity in the Lung. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2019 , 61, 284-289	5.7	13
91	Legionella pneumophila induces human beta defensin-3 in pulmonary cells. <i>Respiratory Research</i> , 2010 , 11, 93	7.3	13
90	Cell-specific interleukin-15 and interleukin-15 receptor subunit expression and regulation in pneumococcal pneumonia--comparison to chlamydial lung infection. <i>Cytokine</i> , 2007 , 38, 61-73	4	13
89	Regulation of NGF and BDNF by dexamethasone and theophylline in human peripheral eosinophils in allergics and non-allergics. <i>Regulatory Peptides</i> , 2005 , 132, 74-9		13
88	Adrenomedullin treatment abolishes ileal mucosal hypoperfusion induced by Staphylococcus aureus alpha-toxin--an intravital microscopic study on an isolated rat ileum. <i>Critical Care Medicine</i> , 2005 , 33, 2810-016	1.4	12
87	Lung perfusion and emphysema distribution affect the outcome of endobronchial valve therapy. <i>International Journal of COPD</i> , 2016 , 11, 1245-59	3	12

86	PROGRESS - prospective observational study on hospitalized community acquired pneumonia. <i>BMC Pulmonary Medicine</i> , 2016 , 16, 108	3.5	12
85	Ventilator-induced lung injury is aggravated by antibiotic mediated microbiota depletion in mice. <i>Critical Care</i> , 2018 , 22, 282	10.8	12
84	Moraxella catarrhalis induces an immune response in the murine lung that is independent of human CEACAM5 expression and long-term smoke exposure. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2015 , 309, L250-61	5.8	11
83	Therapeutic strategies in pneumonia: going beyond antibiotics. <i>European Respiratory Review</i> , 2015 , 24, 516-24	9.8	11
82	Listeria monocytogenes induced Rac1-dependent signal transduction in endothelial cells. <i>Biochemical Pharmacology</i> , 2006 , 72, 1367-74	6	11
81	Neutralizing Complement C5a Protects Mice with Pneumococcal Pulmonary Sepsis. <i>Anesthesiology</i> , 2020 , 132, 795-807	4.3	11
80	Clinical and virological characteristics of hospitalised COVID-19 patients in a German tertiary care centre during the first wave of the SARS-CoV-2 pandemic: a prospective observational study. <i>Infection</i> , 2021 , 49, 703-714	5.8	11
79	CD169/SIGLEC1 is expressed on circulating monocytes in COVID-19 and expression levels are associated with disease severity. <i>Infection</i> , 2021 , 49, 757-762	5.8	11
78	KRAS/TP53 co-mutations identify long-term responders to first line palliative treatment with pembrolizumab monotherapy in PD-L1 high (80%) lung adenocarcinoma. <i>Translational Lung Cancer Research</i> , 2021 , 10, 737-752	4.4	11
77	The cGAS/STING Pathway Detects Streptococcus pneumoniae but Appears Dispensable for Antipneumococcal Defense in Mice and Humans. <i>Infection and Immunity</i> , 2018 , 86,	3.7	10
76	Peptidoglycan Recognition Protein 4 Limits Bacterial Clearance and Inflammation in Lungs by Control of the Gut Microbiota. <i>Frontiers in Immunology</i> , 2019 , 10, 2106	8.4	10
75	Rho-kinase and contractile apparatus proteins in murine airway hyperresponsiveness. <i>Experimental and Toxicologic Pathology</i> , 2008 , 60, 9-15		10
74	Breakdown of paraendothelial barrier function during Marburg virus infection is associated with early tyrosine phosphorylation of platelet endothelial cell adhesion molecule-1. <i>Journal of Infectious Diseases</i> , 2007 , 196 Suppl 2, S337-46	7	10
73	Suppressive myeloid cells are a hallmark of severe COVID-19		10
72	The microbiota in pneumonia: From protection to predisposition. <i>Science Translational Medicine</i> , 2021 , 13,	17.5	10
71	Local ablative treatment for synchronous single organ oligometastatic lung cancer-A propensity score analysis of 180 patients. <i>Lung Cancer</i> , 2018 , 125, 164-173	5.9	10
70	Delay in antibiotic therapy results in fatal disease outcome in murine pneumococcal pneumonia. <i>Critical Care</i> , 2018 , 22, 287	10.8	10
69	Heart failure with preserved ejection fraction according to the HFA-PEFF score in COVID-19 patients: clinical correlates and echocardiographic findings. <i>European Journal of Heart Failure</i> , 2021 , 23, 1891-1902	12.3	10

68	Spleen tyrosine kinase inhibition blocks airway constriction and protects from Th2-induced airway inflammation and remodeling. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2017 , 72, 1061-1072	9.3	9
67	DNA-release by <i>Streptococcus pneumoniae</i> autolysin LytA induced Krueppel-like factor 4 expression in macrophages. <i>Scientific Reports</i> , 2018 , 8, 5723	4.9	9
66	Antibiotic treatment of community acquired pneumonia varies widely across Germany. <i>Journal of Infection</i> , 2007 , 54, 446-53	18.9	9
65	Subcellular expression pattern and role of IL-15 in pneumococci induced lung epithelial apoptosis. <i>Histochemistry and Cell Biology</i> , 2008 , 130, 165-76	2.4	9
64	Persistent culture-positive <i>Legionella</i> infection in an immunocompetent adult. <i>Clinical Infectious Diseases</i> , 2005 , 41, 765-6	11.6	9
63	Complement activation induces excessive T cell cytotoxicity in severe COVID-19.. <i>Cell</i> , 2021 ,	56.2	9
62	Severity of respiratory failure and computed chest tomography in acute COVID-19 correlates with pulmonary function and respiratory symptoms after infection with SARS-CoV-2: An observational longitudinal study over 12 months. <i>Respiratory Medicine</i> , 2021 , 191, 106709	4.6	9
61	Increased risk of severe clinical course of COVID-19 in carriers of HLA-C*04:01. <i>EClinicalMedicine</i> , 2021 , 40, 101099	11.3	9
60	Role of Pneumococcal Autolysin for KLF4 Expression and Chemokine Secretion in Lung Epithelium. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2015 , 53, 544-54	5.7	8
59	Sphingosine Kinase 1 Regulates Inflammation and Contributes to Acute Lung Injury in Pneumococcal Pneumonia via the Sphingosine-1-Phosphate Receptor 2. <i>Critical Care Medicine</i> , 2018 , 46, e258-e267	1.4	8
58	Nucleotide oligomerization domain 1 ligation suppressed murine allergen-specific T-cell proliferation and airway hyperresponsiveness. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2014 , 50, 903-11	5.7	8
57	Temporal omics analysis in Syrian hamsters unravel cellular effector responses to moderate COVID-19. <i>Nature Communications</i> , 2021 , 12, 4869	17.4	8
56	Peptidoglycan Recognition Protein 2 Regulates Neutrophil Recruitment Into the Lungs After Infection. <i>Frontiers in Microbiology</i> , 2019 , 10, 199	5.7	7
55	Pemetrexed-Based Chemotherapy Is Inferior to Pemetrexed-Free Regimens in Thyroid Transcription Factor 1 (TTF-1)-Negative, EGFR/ALK-Negative Lung Adenocarcinoma: A Propensity Score Matched Pairs Analysis. <i>Clinical Lung Cancer</i> , 2020 , 21, e607-e621	4.9	7
54	Transcriptional analysis identifies potential biomarkers and molecular regulators in pneumonia and COPD exacerbation. <i>Scientific Reports</i> , 2020 , 10, 241	4.9	7
53	Digital Image Analyses on Whole-Lung Slides in Mouse Models of Acute Pneumonia. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2018 , 58, 440-448	5.7	7
52	Rapid development of secondary sclerosing cholangitis due to vancomycin-resistant enterococci. <i>Journal of Infection</i> , 2007 , 54, e65-8	18.9	7
51	Lymphadenopathy in a pregnant woman from Brazil. <i>Lancet, The</i> , 2004 , 363, 1282	40	7

50	Surface Proteome of Plasma Extracellular Vesicles as Biomarkers for Pneumonia and Acute Exacerbation of Chronic Obstructive Pulmonary Disease. <i>Journal of Infectious Diseases</i> , 2020 , 221, 325-335	7	6
49	Adhesion of <i>Moraxella catarrhalis</i> to human bronchial epithelium characterized by a novel fluorescence-based assay. <i>Medical Microbiology and Immunology</i> , 2006 , 195, 73-83	4	6
48	A proteomic survival predictor for COVID-19 patients in intensive care 2022 , 1, e0000007		6
47	A time-resolved proteomic and diagnostic map characterizes COVID-19 disease progression and predicts outcome		6
46	Critical Illness and Systemic Inflammation Are Key Risk Factors of Severe Acute Kidney Injury in Patients With COVID-19. <i>Kidney International Reports</i> , 2021 , 6, 905-915	4.1	6
45	A diagnostic predicament: activated sarcoidosis or pulmonary histoplasmosis. A case report. <i>Clinical Respiratory Journal</i> , 2017 , 11, 374-377	1.7	5
44	Leptospirosis in travelers returning from the Dominican Republic. <i>Journal of Travel Medicine</i> , 2003 , 10, 55-8	12.9	5
43	Ascending cellulitis after an insect bite. <i>Lancet, The</i> , 2001 , 357, 768	4.0	5
42	Intravenous Artesunate for Imported Severe Malaria in Children Treated in Four Tertiary Care Centers in Germany: A Retrospective Study. <i>Pediatric Infectious Disease Journal</i> , 2019 , 38, e295-e300	3.4	5
41	Innate sensing and cell-autonomous resistance pathways in <i>Legionella pneumophila</i> infection. <i>International Journal of Medical Microbiology</i> , 2018 , 308, 161-167	3.7	4
40	Peptidoglycan Recognition Protein 3 Does Not Alter the Outcome of Pneumococcal Pneumonia in Mice. <i>Frontiers in Microbiology</i> , 2018 , 9, 103	5.7	4
39	A phase II study of weekly docetaxel-cisplatin as first-line treatment for advanced non-small cell lung cancer. <i>Journal of Thoracic Oncology</i> , 2009 , 4, 1144-7	8.9	4
38	Gnathostomiasis without eosinophilia led to a 5-year delay in diagnosis. <i>Journal of Travel Medicine</i> , 2003 , 10, 196	12.9	4
37	Studying the pathophysiology of coronavirus disease 2019 [a] protocol for the Berlin prospective COVID-19 patient cohort (Pa-COVID-19)		4
36	Transcriptional analysis identifies potential biomarkers and molecular regulators in acute malaria infection. <i>Life Sciences</i> , 2021 , 270, 119158	6.8	4
35	Indwelling pleural catheters for malignancy-associated pleural effusion: report on a single centre 10 years of experience. <i>BMC Pulmonary Medicine</i> , 2019 , 19, 232	3.5	4
34	Indwelling pleural catheters for non-malignant pleural effusions: report on a single centre 10 years of experience. <i>BMJ Open Respiratory Research</i> , 2020 , 7,	5.6	3
33	Bronchial Injury After Atrial Fibrillation Ablation Using the Second-Generation Cryoballoon. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2018 , 11, e005925	6.4	3

32	Interleukin-2: a potential treatment option for postherpetic neuralgia?. <i>Clinical Infectious Diseases</i> , 2006 , 43, e109-10	11.6	3
31	ADAM8 signaling drives neutrophil migration and ARDS severity.. <i>JCI Insight</i> , 2022 , 7,	9.9	3
30	Dynamics of cytokines, immune cell counts and disease severity in patients with community-acquired pneumonia - Unravelling potential causal relationships. <i>Cytokine</i> , 2020 , 136, 155263 ⁴		2
29	Markov State Modelling of Disease Courses and Mortality Risks of Patients with Community-Acquired Pneumonia. <i>Journal of Clinical Medicine</i> , 2020 , 9,	5.1	2
28	PKC δ Deficiency in Mice Is Associated with Pulmonary Vascular Hyperresponsiveness to Thromboxane A2 and Increased Thromboxane Receptor Expression. <i>Journal of Vascular Research</i> , 2015 , 52, 279-88	1.9	2
27	Experimental models of pneumonia-induced sepsis. <i>Drug Discovery Today: Disease Models</i> , 2012 , 9, e23-e33		2
26	Reply to Fujino et al. <i>Journal of Infectious Diseases</i> , 2013 , 207, 693-5	7	2
25	Pulmonary artery endothelial cells. <i>Methods in Molecular Medicine</i> , 2001 , 56, 147-54		2
24	Pathogenesis of Chlamydomphila pneumoniae infections Epidemiology, immunity, cell biology, virulence factors 2007 , 83-110		2
23	Association of proteome and metabolome signatures with severity in patients with community-acquired pneumonia. <i>Journal of Proteomics</i> , 2020 , 214, 103627	3.9	2
22	Impact of dexamethasone on SARS-CoV-2 concentration kinetics and antibody response in hospitalized COVID-19 patients: results from a prospective observational study. <i>Clinical Microbiology and Infection</i> , 2021 , 27, 1520.e7-1520.e10	9.5	2
21	Induction of Kröppel-Like Factor 4 Mediates Polymorphonuclear Neutrophil Activation in Infection. <i>Frontiers in Microbiology</i> , 2020 , 11, 582070	5.7	2
20	Characterization of antimicrobial use and co-infections among hospitalized patients with COVID-19: a prospective observational cohort study.. <i>Infection</i> , 2022 , 1	5.8	2
19	Biomarkers in Community-acquired Pneumonia: Does Chronic Kidney Disease Matter?. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2011 , 183, 1734-1735	10.2	1
18	Serial knife stabbings with HIV exposure--implications for post-exposure prophylaxis. <i>Journal of Infection</i> , 2010 , 60, 76-8	18.9	1
17	Clinical and Virological Characteristics of Hospitalized COVID-19 Patients in a German Tertiary Care Center during the First Wave of the SARS-CoV-2 Pandemic		1
16	Calmodulin and the Lung Arachidonic Acid System 1985 , 401-421		1
15	Reversion of Pneumolysin-Induced Executioner Caspase Activation Redirects Cells to Survival. <i>Journal of Infectious Diseases</i> , 2021 , 223, 1973-1983	7	1

14	A proteomic survival predictor for COVID-19 patients in intensive care		1
13	Clonal expansion of CD4CD8 T cells in an adult patient with Mycoplasma pneumoniae-associated Erythema multiforme majus. <i>Allergy, Asthma and Clinical Immunology</i> , 2021 , 17, 17	3.2	1
12	Krueppel-Like Factor 4 Expression in Phagocytes Regulates Early Inflammatory Response and Disease Severity in Pneumococcal Pneumonia. <i>Frontiers in Immunology</i> , 2021 , 12, 726135	8.4	1
11	In Vitro Screening Identifies TRPV4 and PAR1 as Targets for Endothelial Barrier Stabilization in COVID-19.. <i>FASEB Journal</i> , 2022 , 36 Suppl 1,	0.9	1
10	Early and Rapid Identification of COVID-19 Patients with Neutralizing Type I Interferon Auto-antibodies.. <i>Journal of Clinical Immunology</i> , 2022 , 1	5.7	1
9	A biomathematical model of immune response and barrier function in mice with pneumococcal lung infection. <i>PLoS ONE</i> , 2020 , 15, e0243147	3.7	0
8	Initial Experience With SARS-CoV-2-Neutralizing Monoclonal Antibodies in Kidney or Combined Kidney-Pancreas Transplant Recipients.. <i>Transplant International</i> , 2022 , 35, 10109	3	0
7	Effectiveness of Immune Checkpoint Inhibition vs Chemotherapy in Combination With Radiation Therapy Among Patients With Non-Small Cell Lung Cancer and Brain Metastasis Undergoing Neurosurgical Resection.. <i>JAMA Network Open</i> , 2022 , 5, e229553	10.4	0
6	Adrenomedullin 2013 , 1507-1512		
5	Parial anomalous pulmonary venous connection in a patient with cardiac failure and sepsis. <i>Intensive Care Medicine</i> , 2006 , 32, 948-9	14.5	
4	Chapter 13 Endothelial injury due to infectious agents. <i>Advances in Molecular and Cell Biology</i> , 2005 , 35, 365-400		
3	Impact of Ventilation Modes on Bronchoscopic Chartis Assessment Outcome in Candidates for Endobronchial Valve Treatment. <i>Respiration</i> , 2021 , 1-9	3.7	
2	Heterogeneous approach to nebulization of antimicrobial agents in mechanically ventilated adults in a German tertiary care hospital: a cross-sectional survey. <i>European Journal of Clinical Microbiology and Infectious Diseases</i> , 2021 , 40, 419-421	5.3	
1	Preparing for patients with high-consequence infectious diseases: Example of a high-level isolation unit.. <i>PLoS ONE</i> , 2022 , 17, e0264644	3.7	