

Philip M Hansbro

List of Publications by Year in Descending Order

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

375
papers

12,875
citations

59
h-index

95
g-index

463
ext. papers

16,775
ext. citations

6.3
avg, IF

6.67
L-index

#	Paper	IF	Citations
375	Concepts of advanced therapeutic delivery systems for the management of remodeling and inflammation in airway diseases.. <i>Future Medicinal Chemistry</i> , 2022 ,	4.1	1
374	Unravelling the molecular mechanisms underlying chronic respiratory diseases for the development of novel therapeutics via in vitro experimental models.. <i>European Journal of Pharmacology</i> , 2022 , 919, 174821	5.3	1
373	Berberine-loaded liquid crystalline nanoparticles inhibit non-small cell lung cancer proliferation and migration in vitro.. <i>Environmental Science and Pollution Research</i> , 2022 , 1	5.1	5
372	Aim2 suppresses cigarette smoke-induced neutrophil recruitment, neutrophil caspase-1 activation and anti-Ly6G-mediated neutrophil depletion.. <i>Immunology and Cell Biology</i> , 2022 ,	5	2
371	Itaconate and itaconate derivatives target JAK1 to suppress alternative activation of macrophages.. <i>Cell Metabolism</i> , 2022 , 34, 487-501.e8	24.6	5
370	Expanding the arsenal against pulmonary diseases using surface-functionalized polymeric micelles: breakthroughs and bottlenecks.. <i>Nanomedicine</i> , 2022 ,	5.6	3
369	Generation of cardio-protective antibodies after pneumococcal polysaccharide vaccine: Early results from a randomised controlled trial.. <i>Atherosclerosis</i> , 2022 , 346, 68-74	3.1	
368	Type 2 immune polarization is associated with cardiopulmonary disease in preterm infants.. <i>Science Translational Medicine</i> , 2022 , 14, eaaz8454	17.5	1
367	Blood-Spinal Cord Barrier: Its Role in Spinal Disorders and Emerging Therapeutic Strategies. <i>NeuroSci</i> , 2022 , 3, 1-27	1.7	0
366	Phytochemicals and their Nanoformulations Targeted for Pulmonary Diseases 2022 , 95-106		1
365	Biomedical applications of metallic nanoparticles in cancer: Current status and future perspectives.. <i>Biomedicine and Pharmacotherapy</i> , 2022 , 150, 112951	7.5	8
364	Dressing of multifunctional nanoparticles with natural cell-derived membranes for the superior chemotherapy.. <i>Nanomedicine</i> , 2022 ,	5.6	2
363	Attenuation of Cigarette-Smoke-Induced Oxidative Stress, Senescence, and Inflammation by Berberine-Loaded Liquid Crystalline Nanoparticles: In Vitro Study in 16HBE and RAW264.7 Cells. <i>Antioxidants</i> , 2022 , 11, 873	7.1	3
362	Rediscovering the Therapeutic Potential of Agarwood in the Management of Chronic Inflammatory Diseases.. <i>Molecules</i> , 2022 , 27,	4.8	2
361	Australia as a global sink for the genetic diversity of avian influenza A virus.. <i>PLoS Pathogens</i> , 2022 , 18, e1010150	7.6	1
360	Evaluation of the Cytotoxic Activity and Anti-Migratory Effect of Berberine-Bhytantriol Liquid Crystalline Nanoparticle Formulation on Non-Small-Cell Lung Cancer In Vitro. <i>Pharmaceutics</i> , 2022 , 14, 1119	6.4	2
359	Exposure to the gut microbiota from cigarette smoke-exposed mice exacerbates cigarette smoke extract-induced inflammation in zebrafish larvae.. <i>Current Research in Immunology</i> , 2021 , 2, 229-236	1	

358	Clinical features and mechanistic insights into drug repurposing for combating COVID-19. <i>International Journal of Biochemistry and Cell Biology</i> , 2021 , 142, 106114	5.6	6
357	Increased complications of COVID-19 in people with cardiovascular disease: Role of the renin-angiotensin-aldosterone system (RAAS) dysregulation. <i>Chemico-Biological Interactions</i> , 2021 , 351, 109738	5	4
356	Impact of Deleterious Mutations on Structure, Function and Stability of Serum/Glucocorticoid Regulated Kinase 1: A Gene to Diseases Correlation. <i>Frontiers in Molecular Biosciences</i> , 2021 , 8, 780284	5.6	4
355	A single dose, BCG-adjuvanted COVID-19 vaccine provides sterilising immunity against SARS-CoV-2 infection. <i>Npj Vaccines</i> , 2021 , 6, 143	9.5	5
354	A microRNA-21-mediated SATB1/S100A9/NF- κ B axis promotes chronic obstructive pulmonary disease pathogenesis. <i>Science Translational Medicine</i> , 2021 , 13, eaav7223	17.5	4
353	Recent Advances in Chronotherapy Targeting Respiratory Diseases.. <i>Pharmaceutics</i> , 2021 , 13,	6.4	1
352	Nutraceuticals: unlocking newer paradigms in the mitigation of inflammatory lung diseases. <i>Critical Reviews in Food Science and Nutrition</i> , 2021 , 1-31	11.5	7
351	The science of matcha: Bioactive compounds, analytical techniques and biological properties. <i>Trends in Food Science and Technology</i> , 2021 , 118, 735-735	15.3	3
350	Berberine loaded liquid crystalline nanostructure inhibits cancer progression in adenocarcinomic human alveolar basal epithelial cells in vitro. <i>Journal of Food Biochemistry</i> , 2021 , 45, e13954	3.3	5
349	Bioactive Compounds from Zingiber montanum and Their Pharmacological Activities with Focus on Zerumbone. <i>Applied Sciences (Switzerland)</i> , 2021 , 11, 10205	2.6	1
348	Immunizations with diverse sarbecovirus receptor-binding domains elicit SARS-CoV-2 neutralizing antibodies against a conserved site of vulnerability. <i>Immunity</i> , 2021 ,	32.3	8
347	Rutin-loaded liquid crystalline nanoparticles attenuate oxidative stress in bronchial epithelial cells: a PCR validation. <i>Future Medicinal Chemistry</i> , 2021 , 13, 543-549	4.1	6
346	The FBXW7-NOTCH interactome: A ubiquitin proteasomal system-induced crosstalk modulating oncogenic transformation in human tissues. <i>Cancer Reports</i> , 2021 , 4, e1369	1.5	5
345	A 3D-printed microfluidic platform for simulating the effects of CPAP on the nasal epithelium. <i>Biofabrication</i> , 2021 ,	10.5	4
344	Pathophysiological Correlation between Cigarette Smoking and Amyotrophic Lateral Sclerosis. <i>NeuroSci</i> , 2021 , 2, 120-134	1.7	1
343	Role of Atypical Chemokines and Chemokine Receptors Pathways in the Pathogenesis of COPD. <i>Current Medicinal Chemistry</i> , 2021 , 28, 2577-2653	4.3	7
342	Diet-induced vitamin D deficiency reduces skeletal muscle mitochondrial respiration. <i>Journal of Endocrinology</i> , 2021 , 249, 113-124	4.7	5
341	Current-status and applications of polysaccharides in drug delivery systems. <i>Colloids and Interface Science Communications</i> , 2021 , 42, 100418	5.4	17

340	T-helper 22 cells develop as a distinct lineage from Th17 cells during bacterial infection and phenotypic stability is regulated by T-bet. <i>Mucosal Immunology</i> , 2021 , 14, 1077-1087	9.2	1
339	Heterogeneity of Paucigranulocytic Asthma: A Prospective Cohort Study with Hierarchical Cluster Analysis. <i>Journal of Allergy and Clinical Immunology: in Practice</i> , 2021 , 9, 2344-2355	5.4	7
338	Blockade of the co-inhibitory molecule PD-1 unleashes ILC2-dependent antitumor immunity in melanoma. <i>Nature Immunology</i> , 2021 , 22, 851-864	19.1	23
337	Biological and Biochemical Evaluation of Isatin-Isoniazid Hybrids as Bactericidal Candidates against. <i>Antimicrobial Agents and Chemotherapy</i> , 2021 , 65, e0001121	5.9	4
336	Rutin loaded liquid crystalline nanoparticles inhibit non-small cell lung cancer proliferation and migration in vitro. <i>Life Sciences</i> , 2021 , 276, 119436	6.8	13
335	COPD exacerbations: targeting IL-33 as a new therapy. <i>Lancet Respiratory Medicine</i> , 2021 , 9, 1213-1214	14.1	1
334	Time-resolved proteomic profiling of cigarette smoke-induced experimental chronic obstructive pulmonary disease. <i>Respirology</i> , 2021 , 26, 960-973	3.6	7
333	Celastrol-loaded liquid crystalline nanoparticles as an anti-inflammatory intervention for the treatment of asthma. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , 2021 , 70, 754-763	3	22
332	Emerging concepts and directed therapeutics for the management of asthma: regulating the regulators. <i>Inflammopharmacology</i> , 2021 , 29, 15-33	5.1	4
331	Genus <i>Blepharis</i> (Acanthaceae): A review of ethnomedicinally used species, and their phytochemistry and pharmacological activities. <i>Journal of Ethnopharmacology</i> , 2021 , 265, 113255	5	4
330	Sputum macrophage diversity and activation in asthma: Role of severity and inflammatory phenotype. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2021 , 76, 775-788	9.3	11
329	Impact of diet and the bacterial microbiome on the mucous barrier and immune disorders. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2021 , 76, 714-734	9.3	22
328	The potential utility of carotenoid-based coloration as a biomonitor of environmental change. <i>Ibis</i> , 2021 , 163, 20-37	1.9	5
327	Targeting respiratory diseases using miRNA inhibitor based nanotherapeutics: Current status and future perspectives. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2021 , 31, 102303	6	7
326	Anti-inflammatory and anticancer activities of Naringenin-loaded liquid crystalline nanoparticles in vitro. <i>Journal of Food Biochemistry</i> , 2021 , 45, e13572	3.3	20
325	Differences in pulmonary group 2 innate lymphoid cells are dependent on mouse age, sex and strain. <i>Immunology and Cell Biology</i> , 2021 , 99, 542-551	5	2
324	Human β -defensin-2 suppresses key features of asthma in murine models of allergic airways disease. <i>Clinical and Experimental Allergy</i> , 2021 , 51, 120-131	4.1	8
323	A monoclonal antibody to Siglec-8 suppresses non-allergic airway inflammation and inhibits IgE-independent mast cell activation. <i>Mucosal Immunology</i> , 2021 , 14, 366-376	9.2	21

322	Quantification and role of innate lymphoid cell subsets in Chronic Obstructive Pulmonary Disease. <i>Clinical and Translational Immunology</i> , 2021 , 10, e1287	6.8	4
321	Cord blood group 2 innate lymphoid cells are associated with lung function at 6 weeks of age. <i>Clinical and Translational Immunology</i> , 2021 , 10, e1296	6.8	1
320	The complex interplay between endoplasmic reticulum stress and the NLRP3 inflammasome: a potential therapeutic target for inflammatory disorders. <i>Clinical and Translational Immunology</i> , 2021 , 10, e1247	6.8	11
319	ACE2 expression is elevated in airway epithelial cells from older and male healthy individuals but reduced in asthma. <i>Respirology</i> , 2021 , 26, 442-451	3.6	30
318	Asthma-COPD overlap: current understanding and the utility of experimental models. <i>European Respiratory Review</i> , 2021 , 30,	9.8	7
317	Targeting Cancer using Curcumin Encapsulated Vesicular Drug Delivery Systems. <i>Current Pharmaceutical Design</i> , 2021 , 27, 2-14	3.3	12
316	Type 2 Innate Lymphoid Cells Protect against Colorectal Cancer Progression and Predict Improved Patient Survival. <i>Cancers</i> , 2021 , 13,	6.6	9
315	Environmental Air Pollutants Inhaled during Pregnancy Are Associated with Altered Cord Blood Immune Cell Profiles. <i>International Journal of Environmental Research and Public Health</i> , 2021 , 18,	4.6	2
314	The DmsABC Sulfoxide Reductase Supports Virulence in Non-typeable. <i>Frontiers in Microbiology</i> , 2021 , 12, 686833	5.7	0
313	Inhibition of β Catenin/CREB Binding Protein Signaling Attenuates House Dust Mite-Induced Goblet Cell Metaplasia in Mice. <i>Frontiers in Physiology</i> , 2021 , 12, 690531	4.6	0
312	Mitochondrial dysfunctions associated with chronic respiratory diseases and their targeted therapies: an update. <i>Future Medicinal Chemistry</i> , 2021 , 13, 1249-1251	4.1	3
311	Gasping for Sulfide: A Critical Appraisal of Hydrogen Sulfide in Lung Disease and Accelerated Aging. <i>Antioxidants and Redox Signaling</i> , 2021 , 35, 551-579	8.4	1
310	Of bats and men: Immunomodulatory treatment options for COVID-19 guided by the immunopathology of SARS-CoV-2 infection. <i>Science Immunology</i> , 2021 , 6, eabd0205	28	5
309	Necroptosis Signaling Promotes Inflammation, Airway Remodeling, and Emphysema in Chronic Obstructive Pulmonary Disease. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2021 , 204, 667-681	10.2	15
308	Recent trends of NFB decoy oligodeoxynucleotide-based nanotherapeutics in lung diseases. <i>Journal of Controlled Release</i> , 2021 , 337, 629-644	11.7	7
307	Therapeutic targets in lung tissue remodelling and fibrosis. <i>Pharmacology & Therapeutics</i> , 2021 , 225, 107839	13.9	25
306	Endoplasmic reticulum-unfolded protein response signalling is altered in severe eosinophilic and neutrophilic asthma. <i>Thorax</i> , 2021 ,	7.3	4
305	Interleukin-13: A pivotal target against influenza-induced exacerbation of chronic lung diseases. <i>Life Sciences</i> , 2021 , 283, 119871	6.8	3

304	Loss of Hyaluronan and Proteoglycan Link Protein-1 Induces Tumorigenesis in Colorectal Cancer.. <i>Frontiers in Oncology</i> , 2021 , 11, 754240	5.3	1
303	Tissue structure contributes to the production of a coloured skin display in the Common Myna. <i>Avian Biology Research</i> , 2020 , 13, 100-107	0.8	2
302	Plants derived therapeutic strategies targeting chronic respiratory diseases: Chemical and immunological perspective. <i>Chemico-Biological Interactions</i> , 2020 , 325, 109125	5	24
301	Host-microbe cross-talk in the lung microenvironment: implications for understanding and treating chronic lung disease. <i>European Respiratory Journal</i> , 2020 , 56,	13.6	5
300	Glycemic Variability in Diabetes Increases the Severity of Influenza. <i>MBio</i> , 2020 , 11,	7.8	24
299	Emerging therapeutic targets and preclinical models for severe asthma. <i>Expert Opinion on Therapeutic Targets</i> , 2020 , 24, 845-857	6.4	1
298	Cellular signalling pathways mediating the pathogenesis of chronic inflammatory respiratory diseases: an update. <i>Inflammopharmacology</i> , 2020 , 28, 795-817	5.1	35
297	Cow Dung Biomass Smoke Exposure Increases Adherence of Respiratory Pathogen Nontypeable Haemophilus influenzae to Human Bronchial Epithelial Cells. <i>Exposure and Health</i> , 2020 , 12, 883-895	8.8	3
296	Role of the mucins in pathogenesis of COPD: implications for therapy. <i>Expert Review of Respiratory Medicine</i> , 2020 , 14, 465-483	3.8	6
295	Cissampelos sympodialis and Warifteine Suppress Anxiety-Like Symptoms and Allergic Airway Inflammation in Acute Murine Asthma Model. <i>Revista Brasileira De Farmacognosia</i> , 2020 , 30, 224-232	2	3
294	Crucial role for lung iron level and regulation in the pathogenesis and severity of asthma. <i>European Respiratory Journal</i> , 2020 , 55,	13.6	10
293	Elastin is a key factor of tumor development in colorectal cancer. <i>BMC Cancer</i> , 2020 , 20, 217	4.8	13
292	Microbiota Modulating Nutritional Approaches to Countering the Effects of Viral Respiratory Infections Including SARS-CoV-2 through Promoting Metabolic and Immune Fitness with Probiotics and Plant Bioactives. <i>Microorganisms</i> , 2020 , 8,	4.9	29
291	Critical role for iron accumulation in the pathogenesis of fibrotic lung disease. <i>Journal of Pathology</i> , 2020 , 251, 49-62	9.4	31
290	Computerized screening of G-protein coupled receptors to identify and characterize olfactory receptors. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2020 , 83, 9-19	3.2	2
289	Immunological axis of berberine in managing inflammation underlying chronic respiratory inflammatory diseases. <i>Chemico-Biological Interactions</i> , 2020 , 317, 108947	5	15
288	IL-33 in Chronic Respiratory Disease: From Preclinical to Clinical Studies. <i>ACS Pharmacology and Translational Science</i> , 2020 , 3, 56-62	5.9	17
287	Molecular mechanisms of action of naringenin in chronic airway diseases. <i>European Journal of Pharmacology</i> , 2020 , 879, 173139	5.3	29

286	infection differentially alters smooth muscle function in mouse uterine horn and cervix. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2020 , 318, E981-E994	6	5
285	Emerging Nanotechnology in Chronic Respiratory Diseases 2020 , 449-468		3
284	Targeting lung cancer using advanced drug delivery systems 2020 , 493-516		1
283	Applications of Nanocarriers as Drug Delivery Vehicles for Active Phytoconstituents. <i>Current Pharmaceutical Design</i> , 2020 , 26, 4580-4590	3.3	17
282	Advancing of Cellular Signaling Pathways in Respiratory Diseases Using Nanocarrier Based Drug Delivery Systems. <i>Current Pharmaceutical Design</i> , 2020 , 26, 5380-5392	3.3	4
281	MicroRNAs as Biomarker for Breast Cancer. <i>Endocrine, Metabolic and Immune Disorders - Drug Targets</i> , 2020 , 20, 1597-1610	2.2	10
280	Molecular and Immunological Mechanisms Underlying the Various Pharmacological Properties of the Potent Bioflavonoid, Rutin. <i>Endocrine, Metabolic and Immune Disorders - Drug Targets</i> , 2020 , 20, 1590-1596	2.2	10
279	Curcumin-loaded niosomes downregulate mRNA expression of pro-inflammatory markers involved in asthma: an study. <i>Nanomedicine</i> , 2020 , 15, 2955-2970	5.6	5
278	Role of Lung Microbiome in Innate Immune Response Associated With Chronic Lung Diseases. <i>Frontiers in Medicine</i> , 2020 , 7, 554	4.9	17
277	Antiproliferative effects of boswellic acid-loaded chitosan nanoparticles on human lung cancer cell line A549. <i>Future Medicinal Chemistry</i> , 2020 , 12, 2019-2034	4.1	16
276	Pulmonary Bioadhesive Drug Delivery Systems and Their Applications 2020 , 371-390		4
275	Beyond the Obvious: Smoking and Respiratory Infection Implications on Alzheimer's Disease. <i>CNS and Neurological Disorders - Drug Targets</i> , 2020 , 19, 698-708	2.6	2
274	A large-scale automated radio telemetry network for monitoring movements of terrestrial wildlife in Australia. <i>Australian Zoologist</i> , 2020 , 40, 379-391	0.7	3
273	Oxidative Stress and Immunological Complexities in Multidrug-Resistant Tuberculosis 2020 , 107-124		2
272	Hypoxia-inducible factor and bacterial infections in chronic obstructive pulmonary disease. <i>Respirology</i> , 2020 , 25, 53-63	3.6	12
271	Lipopolysaccharide induces steroid-resistant exacerbations in a mouse model of allergic airway disease collectively through IL-13 and pulmonary macrophage activation. <i>Clinical and Experimental Allergy</i> , 2020 , 50, 82-94	4.1	13
270	Blocking Notch3 Signaling Abolishes MUC5AC Production in Airway Epithelial Cells from Individuals with Asthma. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2020 , 62, 513-523	5.7	14
269	Sex Steroids Induce Membrane Stress Responses and Virulence Properties in <i>Pseudomonas aeruginosa</i> . <i>MBio</i> , 2020 , 11,	7.8	3

268	Solid lipid nanoparticles containing anti-tubercular drugs attenuate the Mycobacterium marinum infection. <i>Tuberculosis</i> , 2020 , 125, 102008	2.6	16
267	SARS-CoV-2 induces transcriptional signatures in human lung epithelial cells that promote lung fibrosis. <i>Respiratory Research</i> , 2020 , 21, 182	7.3	75
266	Disease-associated gut microbiome and metabolome changes in patients with chronic obstructive pulmonary disease. <i>Nature Communications</i> , 2020 , 11, 5886	17.4	55
265	Rutin loaded liquid crystalline nanoparticles inhibit lipopolysaccharide induced oxidative stress and apoptosis in bronchial epithelial cells in vitro. <i>Toxicology in Vitro</i> , 2020 , 68, 104961	3.6	17
264	Acetate protects against intestinal ischemia-reperfusion injury independent of its cognate free fatty acid 2 receptor. <i>FASEB Journal</i> , 2020 , 34, 10418-10430	0.9	5
263	Impact of bushfire smoke on respiratory health. <i>Medical Journal of Australia</i> , 2020 , 213, 284-284.e1	4	2
262	New drugs under development for COPD. <i>Expert Opinion on Emerging Drugs</i> , 2020 , 25, 419-431	3.7	3
261	Animal and translational models of SARS-CoV-2 infection and COVID-19. <i>Mucosal Immunology</i> , 2020 , 13, 877-891	9.2	106
260	Pathophysiological regulation of lung function by the free fatty acid receptor FFA4. <i>Science Translational Medicine</i> , 2020 , 12,	17.5	6
259	The role of the microbiome and the NLRP3 inflammasome in the gut and lung. <i>Journal of Leukocyte Biology</i> , 2020 , 108, 925-935	6.5	24
258	Analysis of polycyclic aromatic hydrocarbons (PAHs) and their polar derivatives in soils of an industrial heritage city of Australia. <i>Science of the Total Environment</i> , 2020 , 699, 134303	10.2	11
257	Assessment of evidence for or against contributions of Chlamydia pneumoniae infections to Alzheimer's disease etiology. <i>Brain, Behavior, and Immunity</i> , 2020 , 83, 22-32	16.6	10
256	Quantitative Nondestructive Assessment of Paenibacillus larvae in Apis mellifera Hives. <i>Advances in Intelligent Systems and Computing</i> , 2020 , 579-583	0.4	1
255	Targeting neutrophils using novel drug delivery systems in chronic respiratory diseases. <i>Drug Development Research</i> , 2020 , 81, 419-436	5.1	37
254	Identification and Optimization of Mechanism-Based Fluoroallylamine Inhibitors of Lysyl Oxidase-like 2/3. <i>Journal of Medicinal Chemistry</i> , 2019 , 62, 9874-9889	8.3	19
253	Pulmonary group 2 innate lymphoid cells: surprises and challenges. <i>Mucosal Immunology</i> , 2019 , 12, 299-311	3.1	34
252	Emerging therapeutic potential of group 2 innate lymphoid cells in acute kidney injury. <i>Journal of Pathology</i> , 2019 , 248, 9-15	9.4	12
251	Chitinase-like protein YKL-40 correlates with inflammatory phenotypes, anti-asthma responsiveness and future exacerbations. <i>Respiratory Research</i> , 2019 , 20, 95	7.3	19

250	Phytotherapy in Inflammatory Lung Diseases: An Emerging Therapeutic Interventional Approach 2019 , 331-347		2
249	Oligonucleotide therapy: An emerging focus area for drug delivery in chronic inflammatory respiratory diseases. <i>Chemico-Biological Interactions</i> , 2019 , 308, 206-215	5	52
248	Group 2 Innate Lymphoid Cells Are Redundant in Experimental Renal Ischemia-Reperfusion Injury. <i>Frontiers in Immunology</i> , 2019 , 10, 826	8.4	16
247	Molecular links between COPD and lung cancer: new targets for drug discovery?. <i>Expert Opinion on Therapeutic Targets</i> , 2019 , 23, 539-553	6.4	24
246	Functional effects of the microbiota in chronic respiratory disease. <i>Lancet Respiratory Medicine</i> , 2019 , 7, 907-920	35.1	133
245	Interactions with the macrophages: An emerging targeted approach using novel drug delivery systems in respiratory diseases. <i>Chemico-Biological Interactions</i> , 2019 , 304, 10-19	5	59
244	Evaluating recruitment strategies for AUSPICE, a large Australian community-based randomised controlled trial. <i>Medical Journal of Australia</i> , 2019 , 210, 409-415	4	7
243	Identification of biomarkers and genetic approaches toward chronic obstructive pulmonary disease. <i>Journal of Cellular Physiology</i> , 2019 , 234, 16703-16723	7	27
242	Current Status on Immunological Therapies for Type 1 Diabetes Mellitus. <i>Current Diabetes Reports</i> , 2019 , 19, 22	5.6	11
241	Platelet activating factor receptor regulates colitis-induced pulmonary inflammation through the NLRP3 inflammasome. <i>Mucosal Immunology</i> , 2019 , 12, 862-873	9.2	31
240	Recent Trends of Nano-material as Antimicrobial Agents 2019 , 173-193		3
239	Novel role of extracellular matrix protein 1 (ECM1) in cardiac aging and myocardial infarction. <i>PLoS ONE</i> , 2019 , 14, e0212230	3.7	10
238	TRAIL signals through the ubiquitin ligase MID1 to promote pulmonary fibrosis. <i>BMC Pulmonary Medicine</i> , 2019 , 19, 31	3.5	7
237	Modification of Crocodile Spermatozoa Refutes the Tenet That Post-testicular Sperm Maturation Is Restricted To Mammals. <i>Molecular and Cellular Proteomics</i> , 2019 , 18, S58-S76	7.6	15
236	Saturated fatty acids, obesity, and the nucleotide oligomerization domain-like receptor protein 3 (NLRP3) inflammasome in asthmatic patients. <i>Journal of Allergy and Clinical Immunology</i> , 2019 , 143, 305-315	11.5	47
235	New therapeutic targets for the prevention of infectious acute exacerbations of COPD: role of epithelial adhesion molecules and inflammatory pathways. <i>Clinical Science</i> , 2019 , 133, 1663-1703	6.5	20
234	The potential of siRNA based drug delivery in respiratory disorders: Recent advances and progress. <i>Drug Development Research</i> , 2019 , 80, 714-730	5.1	40
233	RIPLET, and not TRIM25, is required for endogenous RIG-I-dependent antiviral responses. <i>Immunology and Cell Biology</i> , 2019 , 97, 840-852	5	45

232	Epithelial-mesenchymal transition is driven by transcriptional and post transcriptional modulations in COPD: implications for disease progression and new therapeutics. <i>International Journal of COPD</i> , 2019 , 14, 1603-1610	3	11
231	Microbiome-focused asthma management strategies. <i>Current Opinion in Pharmacology</i> , 2019 , 46, 143-149.	1	8
230	IL-22 and its receptors are increased in human and experimental COPD and contribute to pathogenesis. <i>European Respiratory Journal</i> , 2019 , 54,	13.6	23
229	Interactions between microbiome and lungs: Paving new paths for microbiome based bio-engineered drug delivery systems in chronic respiratory diseases. <i>Chemico-Biological Interactions</i> , 2019 , 310, 108732	5	14
228	Nanoparticle-Based Drug Delivery for Chronic Obstructive Pulmonary Disorder and Asthma: Progress and Challenges 2019 , 59-73		8
227	Preparation, characterization and in-vitro efficacy of quercetin loaded liquid crystalline nanoparticles for the treatment of asthma. <i>Journal of Drug Delivery Science and Technology</i> , 2019 , 54, 101297	4.5	17
226	Cellular mechanisms underlying steroid-resistant asthma. <i>European Respiratory Review</i> , 2019 , 28,	9.8	29
225	Fibulin-1c regulates transforming growth factor- β activation in pulmonary tissue fibrosis. <i>JCI Insight</i> , 2019 , 5,	9.9	21
224	Polycomb repressive complex 2 is a critical mediator of allergic inflammation. <i>JCI Insight</i> , 2019 , 4,	9.9	9
223	Therapeutic potential of <i>Artemisia vulgaris</i> : An insight into underlying immunological mechanisms. <i>Journal of Environmental Pathology, Toxicology and Oncology</i> , 2019 , 38, 205-216	2.1	7
222	Recent Developments in Alpha-Glucosidase Inhibitors for Management of Type-2 Diabetes: An Update. <i>Current Pharmaceutical Design</i> , 2019 , 25, 2510-2525	3.3	20
221	Emerging Complexity and the Need for Advanced Drug Delivery in Targeting <i>Candida</i> Species. <i>Current Topics in Medicinal Chemistry</i> , 2019 , 19, 2593-2609	3	21
220	Targeting bacterial biofilms in pulmonary diseases in pediatric population. <i>Minerva Pediatrica</i> , 2019 , 71, 309-310	1.6	7
219	Respiratory syncytial virus co-opts host mitochondrial function to favour infectious virus production. <i>ELife</i> , 2019 , 8,	8.9	19
218	Enhancing tristetraprolin activity reduces the severity of cigarette smoke-induced experimental chronic obstructive pulmonary disease. <i>Clinical and Translational Immunology</i> , 2019 , 8, e01084	6.8	7
217	COPD and the gut-lung axis: the therapeutic potential of fibre. <i>Journal of Thoracic Disease</i> , 2019 , 11, S2173-S2180	2.6	37
216	Mechanisms and Management of Asthma Exacerbations. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2019 , 199, 423-432	10.2	32
215	Molecular modulators of celastrol as the keystones for its diverse pharmacological activities. <i>Biomedicine and Pharmacotherapy</i> , 2019 , 109, 1785-1792	7.5	53

214	Short-chain fatty acids increase TNF-induced inflammation in primary human lung mesenchymal cells through the activation of p38 MAPK. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2019 , 316, L157-L174	5.8	21
213	Heparin-binding epidermal growth factor (HB-EGF) drives EMT in patients with COPD: implications for disease pathogenesis and novel therapies. <i>Laboratory Investigation</i> , 2019 , 99, 150-157	5.9	12
212	Dietary Fatty Acids Amplify Inflammatory Responses to Infection through p38 MAPK Signaling. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2019 , 60, 554-568	5.7	17
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