Mathew S Eapen

List of Publications by Year
in descending order

61 papers	2,204 citations	331670 21 h-index	254184 43 g-index
62 all docs	62 docs citations	62 times ranked	3095 citing authors

#	Article	IF	Citations
1	Smoking Upregulates Angiotensin-Converting Enzyme-2 Receptor: A Potential Adhesion Site for Novel Coronavirus SARS-CoV-2 (Covid-19). Journal of Clinical Medicine, 2020, 9, 841.	2.4	408
2	Epithelialâ€“mesenchymal transition, a spectrum of states: Role in lung development, homeostasis, and disease. Developmental Dynamics, 2018, 247, 346-358.	1.8	190
3	Abnormal M1/M2 macrophage phenotype profiles in the small airway wall and lumen in smokers and chronic obstructive pulmonary disease (COPD). Scientific Reports, 2017, 7, 13392.	3.3	124
4	Airway inflammation in chronic obstructive pulmonary disease (COPD): a true paradox. Expert Review of Respiratory Medicine, 2017, 11, 827-839.	2.5	106
5	Implications of the second wave of COVID-19 in India. Lancet Respiratory Medicine,the, 2021, 9, e93-e94.	10.7	106
6	Therapeutic targets in lung tissue remodelling and fibrosis. , 2021, 225, 107839.		98
7	IQOS exposure impairs human airway cell homeostasis: direct comparison with traditional cigarette and e-cigarette. ERJ Open Research, 2019, 5, 00159-2018.	2.6	94
8	Chronic Obstructive Pulmonary Disease and Lung Cancer: Underlying Pathophysiology and New Therapeutic Modalities. Drugs, 2018, 78, 1717-1740.	10.9	62
9	<scp>ACE2</scp> expression is elevated in airway epithelial cells from older and male healthy individuals but reduced in asthma. Respirology, 2021, 26, 442-451.	2.3	59
10	Endothelial to mesenchymal transition: a precursor to post-COVID-19 interstitial pulmonary fibrosis and vascular obliteration?. European Respiratory Journal, 2020, 56, 2003167.	6.7	54
11	Endothelial to mesenchymal transition (EndMT) and vascular remodeling in pulmonary hypertension and idiopathic pulmonary fibrosis. Expert Review of Respiratory Medicine, 2020, 14, 1027-1043.	2.5	47
12	Profiling cellular and inflammatory changes in the airway wall of mild to moderate <scp>COPD</scp>. Respirology, 2017, 22, 1125-1132.	2.3	45
13	COVID-19 and vaping: risk for increased susceptibility to SARS-CoV-2 infection?. European Respiratory Journal, 2020, 56, 2001645.	6.7	44
14	Diagnostic approaches in COVID-19: clinical updates. Expert Review of Respiratory Medicine, 2021, 15, 197-212.	2.5	43
15	Anti-Inflammatory Activity of Fucoidan Extracts In Vitro. Marine Drugs, 2021, 19, 702.	4.6	43
16	New therapeutic targets for the prevention of infectious acute exacerbations of COPD: role of epithelial adhesion molecules and inflammatory pathways. Clinical Science, 2019, 133, 1663-1703.	4.3	41
17	The rise of electronic nicotine delivery systems and the emergence of electronic-cigarette-driven disease. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2020, 319, L585-L595.	2.9	40
18	Vitamin D both facilitates and attenuates the cellular response to lipopolysaccharide. Scientific Reports, 2017, 7, 45172.	3.3	36

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19	The ER Stress/UPR Axis in Chronic Obstructive Pulmonary Disease and Idiopathic Pulmonary Fibrosis. Life, 2021, 11, 1.	2.4	34
20	Electronic Cigarette Aerosol Is Cytotoxic and Increases ACE2 Expression on Human Airway Epithelial Cells: Implications for SARS-CoV-2 (COVID-19). Journal of Clinical Medicine, 2021, 10, 1028.	2.4	28
21	Heparin-binding epidermal growth factor (HB-EGF) drives EMT in patients with COPD: implications for disease pathogenesis and novel therapies. Laboratory Investigation, 2019, 99, 150-157.	3.7	25
22	Dysfunctional Immunity and Microbial Adhesion Molecules in Smoking-induced Pneumonia. American Journal of Respiratory and Critical Care Medicine, 2019, 199, 250-251.	5.6	25
23	Increased myofibroblasts in the small airways, and relationship to remodelling and functional changes in smokers and COPD patients: potential role of epithelialâ€“mesenchymal transition. ERJ Open Research, 2021, 7, 00876-2020.	2.6	23
24	Platelet activating factor receptor: gateway for bacterial chronic airway infection in chronic obstructive pulmonary disease and potential therapeutic target. Expert Review of Respiratory Medicine, 2015, 9, 473-85.	2.5	23
25	Pathogenesis, clinical features of asthma COPD overlap, and therapeutic modalities. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2022, 322, L64-L83.	2.9	23
26	Small-molecule inhibitors of PDE-IV and -VII in the treatment of respiratory diseases and chronic inflammation. Expert Opinion on Investigational Drugs, 2007, 16, 1585-1599.	4.1	22
27	Opposing Effects of Low Molecular Weight Heparins on the Release of Inflammatory Cytokines from Peripheral Blood Mononuclear Cells of Asthmatics. PLoS ONE, 2015, 10, e0118798.	2.5	22
28	Mitochondrial dysfunction in macrophages: a key to defective bacterial phagocytosis in COPD. European Respiratory Journal, 2019, 54, 1901641.	6.7	22
29	Dysregulation of endocytic machinery and ACE2 in small airways of smokers and COPD patients can augment their susceptibility to SARS-CoV-2 (COVID-19) infections. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2021, 320, L158-L163.	2.9	22
30	Epithelialâ€“mesenchymal transition is driven by transcriptional and post transcriptional modulations in COPD: implications for disease progression and new therapeutics . International Journal of COPD, 2019, Volume 14, 1603-1610.	2.3	20
31	Apoptosis signal-regulating kinase 1 inhibition attenuates human airway smooth muscle growth and migration in chronic obstructive pulmonary disease. Clinical Science, 2018, 132, 1615-1627.	4.3	18
32	Understanding novel mechanisms of microbial pathogenesis in chronic lung disease: implications for new therapeutic targets. Clinical Science, 2018, 132, 375-379.	4.3	17
33	sE-cadherin and sVE-cadherin indicate active epithelial/endothelial to mesenchymal transition (EMT) Tj ETQq1 1 0.784314 rgBT /Overl 2018, 23, 709-711.	1.9	17
34	Adverse roles of mast cell chymase-1 in COPD. European Respiratory Journal, 2022, 60, 2101431.	6.7	17
35	Inhaled corticosteroids attenuate epithelial mesenchymal transition: implications for COPD and lung cancer prophylaxis. European Respiratory Journal, 2019, 54, 1900778.	6.7	14
36	Electronic cigarettes: Modern instruments for toxic lung delivery and posing risk for the development of chronic disease. International Journal of Biochemistry and Cell Biology, 2021, 137, 106039.	2.8	12

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37	Clinical features and mechanistic insights into drug repurposing for combating COVID-19. International Journal of Biochemistry and Cell Biology, 2022, 142, 106114.	2.8	12
38	Impact of Deleterious Mutations on Structure, Function and Stability of Serum/Glucocorticoid Regulated Kinase 1: A Gene to Diseases Correlation. Frontiers in Molecular Biosciences, 2021, 8, 780284.	3.5	12
39	Vascular remodelling in IPF patients and its detrimental effect on lung physiology: potential role of endothelial to mesenchymal transition (EndMT). ERJ Open Research, 2022, 8, 00571-2021.	2.6	12
40	Potential Mechanisms of Microbial Pathogens in Idiopathic Interstitial LungÂDisease. Chest, 2017, 152, 899-900.	0.8	11
41	Update on the Pathogenesis of COPD. New England Journal of Medicine, 2019, 381, 2483-2484.	27.0	11
42	SARS-CoV-2 (COVID-19) Adhesion Site Protein Upregulation in Small Airways, Type 2 Pneumocytes, and Alveolar Macrophages of Smokers and COPD â€“ Possible Implications for Interstitial Fibrosis. International Journal of COPD, 2022, Volume 17, 101-115.	2.3	11
43	Airway inflammation and inhaled corticosteroids in COPD. European Respiratory Journal, 2017, 49, 1700289.	6.7	10
44	Impact of Maternal Air Pollution Exposure on Childrenâ€™s Lung Health: An Indian Perspective. Toxics, 2018, 6, 68.	3.7	10
45	The Ill Effects of IQOS on Airway Cells: Letâ€™s Not Get Burned All Over Again. American Journal of Respiratory Cell and Molecular Biology, 2020, 63, 269-270.	2.9	10
46	WNT/Î²-catenin pathway: A novel therapeutic target for attenuating airway remodelling and EMT in COPD. EBioMedicine, 2020, 62, 103095.	6.1	9
47	Epithelialâ€“Mesenchymal Transition: A Necessary New Therapeutic Target in Chronic Obstructive Pulmonary Disease?. American Journal of Respiratory and Critical Care Medicine, 2017, 196, 393-394.	5.6	8
48	Asthma, COPD and SARS-CoV-2 infection (COVID-19): potential mechanistic insights. European Respiratory Journal, 2021, 58, 2100920.	6.7	8
49	Containment strategies for COVID-19 in India: lessons from the second wave. Expert Review of Anti-Infective Therapy, 2022, , 1-7.	4.4	8
50	microRNAs Are Key Regulators in Chronic Lung Disease: Exploring the Vital Link between Disease Progression and Lung Cancer. Journal of Clinical Medicine, 2019, 8, 1986.	2.4	7
51	Ventilatory efficiency slope as a predictor of suitability for surgery in chronic obstructive pulmonary disease patients with lung cancer. Annals of Translational Medicine, 2016, 4, 296-296.	1.7	6
52	The effectiveness of immunosuppressive cyclosporin in attenuating the progression of interstitial lung diseases. Journal of Thoracic Disease, 2019, 11, S1139-S1142.	1.4	5
53	Cochrane review update leaves big questions unanswered regarding vaping: implications for medical practitioners. European Respiratory Journal, 2021, 57, 2100022.	6.7	5
54	Mechanistic insights into the role of serum-glucocorticoid kinase 1 in diabetic nephropathy: A systematic review. International Journal of Biological Macromolecules, 2021, 193, 562-573.	7.5	5

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55	Angiotensin-Converting Enzyme 2 (ACE2), Transmembrane Peptidase Serine 2 (TMPRSS2), and Furin Expression Increases in the Lungs of Patients with Idiopathic Pulmonary Fibrosis (IPF) and Lymphangioleiomyomatosis (LAM): Implications for SARS-CoV-2 (COVID-19) Infections. Journal of Clinical Medicine, 2022, 11, 777.	2.4	4
56	Purification of recombinant human phosphodiesterase 7A expressed in Dictyostelium discoideum. Protein Expression and Purification, 2008, 61, 149-154.	1.3	3
57	Immunohistochemical investigation of cytokine expression levels as biomarkers in transrectal ultrasoundâ€guided needle biopsy specimens of prostate adenocarcinoma. Molecular and Clinical Oncology, 2021, 15, 191.	1.0	3
58	Evaluation of Nonradioactive Cell-Free cAMP Assays for Measuring in vitro Phosphodiesterase Activity. Pharmacology, 2010, 85, 280-285.	2.2	2
59	Fucoidan as an inhibitor of proâ€inflammatory cytokines: Potential candidate for treating inflammatoryâ€related conditions. FASEB Journal, 2022, 36, .	0.5	2
60	Investigations into the physical and chemical stability of concentrated co-trimoxazole intravenous infusions. European Journal of Hospital Pharmacy, 2018, 25, e102-e108.	1.1	1
61	Altered Calcium in Ciliary Dysfunction: Potential Role of Endoplasmic Reticulum Stress and Ciliophagy. American Journal of Respiratory Cell and Molecular Biology, 2019, 61, 794-795.	2.9	1