

# Mathew S Eapen

## List of Publications by Year in descending order

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Version: 2024-02-01

61  
papers

2,204  
citations

331259

21  
h-index

253896

43  
g-index

62  
all docs

62  
docs citations

62  
times ranked

3095  
citing authors

#	ARTICLE	IF	CITATIONS
1	Pathogenesis, clinical features of asthma COPD overlap, and therapeutic modalities. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2022, 322, L64-L83.	1.3	23
2	Clinical features and mechanistic insights into drug repurposing for combating COVID-19. International Journal of Biochemistry and Cell Biology, 2022, 142, 106114.	1.2	12
3	Containment strategies for COVID-19 in India: lessons from the second wave. Expert Review of Anti-Infective Therapy, 2022, , 1-7.	2.0	8
4	SARS-CoV-2 (COVID-19) Adhesion Site Protein Upregulation in Small Airways, Type 2 Pneumocytes, and Alveolar Macrophages of Smokers and COPD – Possible Implications for Interstitial Fibrosis. International Journal of COPD, 2022, Volume 17, 101-115.	0.9	11
5	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.	1.0	4
6	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.	1.1	12
7	Fucoidan as an inhibitor of pro-inflammatory cytokines: Potential candidate for treating inflammatory-related conditions. FASEB Journal, 2022, 36, .	0.2	2
8	Adverse roles of mast cell chymase-1 in COPD. European Respiratory Journal, 2022, 60, 2101431.	3.1	17
9	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.	1.3	22
10	Diagnostic approaches in COVID-19: clinical updates. Expert Review of Respiratory Medicine, 2021, 15, 197-212.	1.0	43
11	<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.	1.3	59
12	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.	1.0	28
13	Increased myofibroblasts in the small airways, and relationship to remodelling and functional changes in smokers and COPD patients: potential role of epithelial-mesenchymal transition. ERJ Open Research, 2021, 7, 00876-2020.	1.1	23
14	Cochrane review update leaves big questions unanswered regarding vaping: implications for medical practitioners. European Respiratory Journal, 2021, 57, 2100022.	3.1	5
15	Asthma, COPD and SARS-CoV-2 infection (COVID-19): potential mechanistic insights. European Respiratory Journal, 2021, 58, 2100920.	3.1	8
16	Immunohistochemical investigation of cytokine expression levels as biomarkers in transrectal ultrasound-guided needle biopsy specimens of prostate adenocarcinoma. Molecular and Clinical Oncology, 2021, 15, 191.	0.4	3
17	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.	1.2	12
18	Therapeutic targets in lung tissue remodelling and fibrosis. , 2021, 225, 107839.		98

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19	Implications of the second wave of COVID-19 in India. <i>Lancet Respiratory Medicine</i> , 2021, 9, e93-e94.	5.2	106
20	The ER Stress/UPR Axis in Chronic Obstructive Pulmonary Disease and Idiopathic Pulmonary Fibrosis. <i>Life</i> , 2021, 11, 1.	1.1	34
21	Mechanistic insights into the role of serum-glucocorticoid kinase 1 in diabetic nephropathy: A systematic review. <i>International Journal of Biological Macromolecules</i> , 2021, 193, 562-573.	3.6	5
22	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.	1.6	12
23	Anti-Inflammatory Activity of Fucoidan Extracts In Vitro. <i>Marine Drugs</i> , 2021, 19, 702.	2.2	43
24	Endothelial to mesenchymal transition (EndMT) and vascular remodeling in pulmonary hypertension and idiopathic pulmonary fibrosis. <i>Expert Review of Respiratory Medicine</i> , 2020, 14, 1027-1043.	1.0	47
25	WNT/ $\beta$ -catenin pathway: A novel therapeutic target for attenuating airway remodelling and EMT in COPD. <i>EBioMedicine</i> , 2020, 62, 103095.	2.7	9
26	The rise of electronic nicotine delivery systems and the emergence of electronic-cigarette-driven disease. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2020, 319, L585-L595.	1.3	40
27	The Ill Effects of IQOS on Airway Cells: Let's Not Get Burned All Over Again. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2020, 63, 269-270.	1.4	10
28	Endothelial to mesenchymal transition: a precursor to post-COVID-19 interstitial pulmonary fibrosis and vascular obliteration?. <i>European Respiratory Journal</i> , 2020, 56, 2003167.	3.1	54
29	COVID-19 and vaping: risk for increased susceptibility to SARS-CoV-2 infection?. <i>European Respiratory Journal</i> , 2020, 56, 2001645.	3.1	44
30	Smoking Upregulates Angiotensin-Converting Enzyme-2 Receptor: A Potential Adhesion Site for Novel Coronavirus SARS-CoV-2 (Covid-19). <i>Journal of Clinical Medicine</i> , 2020, 9, 841.	1.0	408
31	Inhaled corticosteroids attenuate epithelial mesenchymal transition: implications for COPD and lung cancer prophylaxis. <i>European Respiratory Journal</i> , 2019, 54, 1900778.	3.1	14
32	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.	1.8	41
33	&lt;p&gt;Epithelial&quot;mesenchymal transition is driven by transcriptional and post transcriptional modulations in COPD: implications for disease progression and new therapeutics&lt;/p&gt;. <i>International Journal of COPD</i> , 2019, Volume 14, 1603-1610.	0.9	20
34	The effectiveness of immunosuppressive cyclosporin in attenuating the progression of interstitial lung diseases. <i>Journal of Thoracic Disease</i> , 2019, 11, S1139-S1142.	0.6	5
35	Mitochondrial dysfunction in macrophages: a key to defective bacterial phagocytosis in COPD. <i>European Respiratory Journal</i> , 2019, 54, 1901641.	3.1	22
36	IQOS exposure impairs human airway cell homeostasis: direct comparison with traditional cigarette and e-cigarette. <i>ERJ Open Research</i> , 2019, 5, 00159-2018.	1.1	94

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37	microRNAs Are Key Regulators in Chronic Lung Disease: Exploring the Vital Link between Disease Progression and Lung Cancer. <i>Journal of Clinical Medicine</i> , 2019, 8, 1986.	1.0	7
38	Altered Calcium in Ciliary Dysfunction: Potential Role of Endoplasmic Reticulum Stress and Ciliophagy. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2019, 61, 794-795.	1.4	1
39	Update on the Pathogenesis of COPD. <i>New England Journal of Medicine</i> , 2019, 381, 2483-2484.	13.9	11
40	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.	1.7	25
41	Dysfunctional Immunity and Microbial Adhesion Molecules in Smoking-induced Pneumonia. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2019, 199, 250-251.	2.5	25
42	Understanding novel mechanisms of microbial pathogenesis in chronic lung disease: implications for new therapeutic targets. <i>Clinical Science</i> , 2018, 132, 375-379.	1.8	17
43	Epithelialâ€mesenchymal transition, a spectrum of states: Role in lung development, homeostasis, and disease. <i>Developmental Dynamics</i> , 2018, 247, 346-358.	0.8	190
44	Investigations into the physical and chemical stability of concentrated co-trimoxazole intravenous infusions. <i>European Journal of Hospital Pharmacy</i> , 2018, 25, e102-e108.	0.5	1
45	Impact of Maternal Air Pollution Exposure on Childrenâ€™s Lung Health: An Indian Perspective. <i>Toxics</i> , 2018, 6, 68.	1.6	10
46	Chronic Obstructive Pulmonary Disease and Lung Cancer: Underlying Pathophysiology and New Therapeutic Modalities. <i>Drugs</i> , 2018, 78, 1717-1740.	4.9	62
47	sE-cadherin and sVE-cadherin indicate active epithelial/endothelial to mesenchymal transition (EMT) Tj ETQq1 1 0.784314 rgBT /Overl 2018, 23, 709-711.	0.9	17
48	Apoptosis signal-regulating kinase 1 inhibition attenuates human airway smooth muscle growth and migration in chronic obstructive pulmonary disease. <i>Clinical Science</i> , 2018, 132, 1615-1627.	1.8	18
49	Profiling cellular and inflammatory changes in the airway wall of mild to moderate <scp>COPD</scp>. <i>Respirology</i> , 2017, 22, 1125-1132.	1.3	45
50	Vitamin D both facilitates and attenuates the cellular response to lipopolysaccharide. <i>Scientific Reports</i> , 2017, 7, 45172.	1.6	36
51	Abnormal M1/M2 macrophage phenotype profiles in the small airway wall and lumen in smokers and chronic obstructive pulmonary disease (COPD). <i>Scientific Reports</i> , 2017, 7, 13392.	1.6	124
52	Potential Mechanisms of Microbial Pathogens in Idiopathic Interstitial Lung Disease. <i>Chest</i> , 2017, 152, 899-900.	0.4	11
53	Airway inflammation in chronic obstructive pulmonary disease (COPD): a true paradox. <i>Expert Review of Respiratory Medicine</i> , 2017, 11, 827-839.	1.0	106
54	Epithelialâ€Mesenchymal Transition: A Necessary New Therapeutic Target in Chronic Obstructive Pulmonary Disease?. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2017, 196, 393-394.	2.5	8

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55	Airway inflammation and inhaled corticosteroids in COPD. <i>European Respiratory Journal</i> , 2017, 49, 1700289.	3.1	10
56	Ventilatory efficiency slope as a predictor of suitability for surgery in chronic obstructive pulmonary disease patients with lung cancer. <i>Annals of Translational Medicine</i> , 2016, 4, 296-296.	0.7	6
57	Opposing Effects of Low Molecular Weight Heparins on the Release of Inflammatory Cytokines from Peripheral Blood Mononuclear Cells of Asthmatics. <i>PLoS ONE</i> , 2015, 10, e0118798.	1.1	22
58	Platelet activating factor receptor: gateway for bacterial chronic airway infection in chronic obstructive pulmonary disease and potential therapeutic target. <i>Expert Review of Respiratory Medicine</i> , 2015, 9, 473-85.	1.0	23
59	Evaluation of Nonradioactive Cell-Free cAMP Assays for Measuring in vitro Phosphodiesterase Activity. <i>Pharmacology</i> , 2010, 85, 280-285.	0.9	2
60	Purification of recombinant human phosphodiesterase 7A expressed in <i>Dictyostelium discoideum</i> . <i>Protein Expression and Purification</i> , 2008, 61, 149-154.	0.6	3
61	Small-molecule inhibitors of PDE-IV and -VII in the treatment of respiratory diseases and chronic inflammation. <i>Expert Opinion on Investigational Drugs</i> , 2007, 16, 1585-1599.	1.9	22