

# Mehmet Kesimer

## List of Publications by Year in descending order

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Version: 2024-02-01

26  
papers

2,942  
citations

471371

17  
h-index

580701

25  
g-index

26  
all docs

26  
docs citations

26  
times ranked

4110  
citing authors

#	ARTICLE	IF	CITATIONS
1	A Periciliary Brush Promotes the Lung Health by Separating the Mucus Layer from Airway Epithelia. <i>Science</i> , 2012, 337, 937-941.	6.0	649
2	Characterization of exosome-like vesicles released from human tracheobronchial ciliated epithelium: a possible role in innate defense. <i>FASEB Journal</i> , 2009, 23, 1858-1868.	0.2	301
3	Airway Mucin Concentration as a Marker of Chronic Bronchitis. <i>New England Journal of Medicine</i> , 2017, 377, 911-922.	13.9	279
4	Cystic fibrosis airway secretions exhibit mucin hyperconcentration and increased osmotic pressure. <i>Journal of Clinical Investigation</i> , 2014, 124, 3047-3060.	3.9	272
5	E-Cigarette Use Causes a Unique Innate Immune Response in the Lung, Involving Increased Neutrophilic Activation and Altered Mucin Secretion. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2018, 197, 492-501.	2.5	263
6	Localization of Secretory Mucins MUC5AC and MUC5B in Normal/Healthy Human Airways. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2019, 199, 715-727.	2.5	194
7	Tracheobronchial air-liquid interface cell culture: a model for innate mucosal defense of the upper airways?. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2009, 296, L92-L100.	1.3	160
8	Mucus accumulation in the lungs precedes structural changes and infection in children with cystic fibrosis. <i>Science Translational Medicine</i> , 2019, 11, .	5.8	146
9	The Relationship of Mucus Concentration (Hydration) to Mucus Osmotic Pressure and Transport in Chronic Bronchitis. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2015, 192, 182-190.	2.5	136
10	Physical characterization and profiling of airway epithelial derived exosomes using light scattering. <i>Methods</i> , 2015, 87, 59-63.	1.9	89
11	Airway mucin MUC5AC and MUC5B concentrations and the initiation and progression of chronic obstructive pulmonary disease: an analysis of the SPIROMICS cohort. <i>Lancet Respiratory Medicine</i> , 2021, 9, 1241-1254.	5.2	80
12	The innate immune properties of airway mucosal surfaces are regulated by dynamic interactions between mucins and interacting proteins: the mucin interactome. <i>Mucosal Immunology</i> , 2016, 9, 1442-1454.	2.7	75
13	Excess Secretion of Gel-Forming Mucins and Associated Innate Defense Proteins with Defective Mucin Un-Packaging Underpin Gallbladder Mucocele Formation in Dogs. <i>PLoS ONE</i> , 2015, 10, e0138988.	1.1	45
14	Gamma tocopherol-enriched supplement reduces sputum eosinophilia and endotoxin-induced sputum neutrophilia in volunteers with asthma. <i>Journal of Allergy and Clinical Immunology</i> , 2018, 141, 1231-1238.e1.	1.5	43
15	Endotracheal tube mucus as a source of airway mucus for rheological study. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2019, 317, L498-L509.	1.3	42
16	Mucin Production and Hydration Responses to Mucopurulent Materials in Normal versus Cystic Fibrosis Airway Epithelia. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2018, 197, 481-491.	2.5	38
17	Innate Immunity and Mucus Structure and Function. <i>Novartis Foundation Symposium</i> , 0, , 155-169.	1.2	34
18	Airway mucins promote immunopathology in virus-exacerbated chronic obstructive pulmonary disease. <i>Journal of Clinical Investigation</i> , 2022, 132, .	3.9	27

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19	Cystic Fibrosis Airway Mucus Hyperconcentration Produces a Vicious Cycle of Mucin, Pathogen, and Inflammatory Interactions that Promotes Disease Persistence. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2022, 67, 253-265.	1.4	18
20	Human Fallopian Tube Epithelial Cell Culture Model To Study Host Responses to Chlamydia trachomatis Infection. <i>Infection and Immunity</i> , 2020, 88, .	1.0	14
21	Another Warning Sign: High Nicotine Content in Electronic Cigarettes Disrupts Mucociliary Clearance, the Essential Defense Mechanism of the Lung. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2019, 200, 1082-1084.	2.5	8
22	Mucus concentration-dependent biophysical abnormalities unify submucosal gland and superficial airway dysfunction in cystic fibrosis. <i>Science Advances</i> , 2022, 8, eabm9718.	4.7	8
23	Measuring Airway Mucin 2 in Patients with Severe Chronic Obstructive Pulmonary Disease with Bacterial Colonization. <i>Annals of the American Thoracic Society</i> , 2016, 13, 2103-2104.	1.5	6
24	Membrane-bound mucins of the airway mucosal surfaces are densely decorated with keratan sulfate: revisiting their role in the Lung's innate defense. <i>Glycobiology</i> , 2021, 31, 436-443.	1.3	6
25	Culture with apically applied healthy or disease sputum alters the airway surface liquid proteome and ion transport across human bronchial epithelial cells. <i>American Journal of Physiology - Cell Physiology</i> , 2021, 321, C954-C963.	2.1	5
26	Cigarillos Compromise the Mucosal Barrier and Protein Expression in Airway Epithelia. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2020, 63, 767-779.	1.4	4