

# Takafumi Kato

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8257550/publications.pdf>

Version: 2024-02-01

18  
papers

2,410  
citations

1039880

9  
h-index

887953

17  
g-index

21  
all docs

21  
docs citations

21  
times ranked

5486  
citing authors

#	ARTICLE	IF	CITATIONS
1	SARS-CoV-2 Reverse Genetics Reveals a Variable Infection Gradient in the Respiratory Tract. <i>Cell</i> , 2020, 182, 429-446.e14.	13.5	1,257
2	SARS-CoV-2 infection of the oral cavity and saliva. <i>Nature Medicine</i> , 2021, 27, 892-903.	15.2	527
3	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
4	Secretory Cells Dominate Airway CFTR Expression and Function in Human Airway Superficial Epithelia. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2021, 203, 1275-1289.	2.5	110
5	IL-1 $\beta$ dominates the promucin secretory cytokine profile in cystic fibrosis. <i>Journal of Clinical Investigation</i> , 2019, 129, 4433-4450.	3.9	91
6	An Improved Inhaled Mucolytic to Treat Airway Muco-obstructive Diseases. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2019, 199, 171-180.	2.5	77
7	XBP1S Regulates MUC5B in a Promoter Variant-Dependent Pathway in Idiopathic Pulmonary Fibrosis Airway Epithelia. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2019, 200, 220-234.	2.5	53
8	Prevalence and Mechanisms of Mucus Accumulation in COVID-19 Lung Disease. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2022, 206, 1336-1352.	2.5	28
9	The Evaluation of Interstitial Abnormalities in Group B of the 2011 Global Initiative for Chronic Obstructive Lung Disease (GOLD) Classification of Chronic Obstructive Pulmonary Disease (COPD). <i>Internal Medicine</i> , 2017, 56, 2711-2717.	0.3	11
10	Molecular dynamics simulations to explore the structure and rheological properties of normal and hyperconcentrated airway mucus. <i>Studies in Applied Mathematics</i> , 2021, 147, 1369-1387.	1.1	8
11	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
12	IRE1 $\beta$ Is a Therapeutic Target for Cystic Fibrosis Airway Inflammation. <i>International Journal of Molecular Sciences</i> , 2021, 22, 3063.	1.8	7
13	Pharmacokinetic-based failure of a detergent virucidal for severe acute respiratory syndrome-coronavirus (SARS-CoV-2) nasal infections: A preclinical study and randomized controlled trial. <i>International Forum of Allergy and Rhinology</i> , 2022, , .	1.5	4
14	A 56-Year-Old Woman With Multiple Pulmonary Cysts and Severe Chest Pain. <i>Chest</i> , 2018, 153, e105-e112.	0.4	3
15	An autopsy case report of yellow nail syndrome coincided with primary biliary cholangitis. <i>Respiratory Medicine Case Reports</i> , 2021, 32, 101332.	0.2	2
16	Reuse of Cell Culture Inserts for <i>In Vitro</i> Human Primary Airway Epithelial Cell Studies. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2021, 64, 760-764.	1.4	2
17	Epithelial-mesenchymal transition of human lung adenocarcinoma A549 cells up-regulates cytokine production upon LPS stimulation. <i>Allergology International</i> , 2017, 66, S56-S58.	1.4	1
18	A 79-Year-Old Man With Progressive Dyspnea and Multiple Pulmonary Nodules. <i>Chest</i> , 2020, 158, e79-e84.	0.4	0