Rachael E Rayner

List of Publications by Year
in descending order

9 papers	211 citations	1683354 5 h-index	1473754 9 g-index
9 all docs	9 docs citations	9 times ranked	373 citing authors

#	Article	IF	Citations
1	Optimization of Normal Human Bronchial Epithelial (NHBE) Cell 3D Cultures for in vitro Lung Model Studies. Scientific Reports, 2019, 9, 500.	1.6	129
2	Caspase-4/11 exacerbates disease severity in SARSâ€“CoV-2 infection by promoting inflammation and immunothrombosis. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, e2202012119.	3.3	25
3	Cigarette and ENDS preparations differentially regulate ion channels and mucociliary clearance in primary normal human bronchial 3D cultures. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2019, 317, L295-L302.	1.3	18
4	In vitro 3D culture lung model from expanded primary cystic fibrosis human airway cells. Journal of Cystic Fibrosis, 2020, 19, 752-761.	0.3	14
5	Cigarette smoke preparations, not electronic nicotine delivery system preparations, induce features of lung disease in a 3D lung repeat-dose model. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2021, 320, L276-L287.	1.3	10
6	The psychoactive substance of cannabis Î”9-tetrahydrocannabinol (THC) negatively regulates CFTR in airway cells. Biochimica Et Biophysica Acta - General Subjects, 2018, 1862, 1988-1994.	1.1	6
7	Targeting the EGFRâ€ERK axis using the compatible solute ectoine to stabilize CFTR mutant F508del. FASEB Journal, 2022, 36, e22270.	0.2	4
8	Transcriptomic Response of Primary Human Bronchial Cells to Repeated Exposures of Cigarette and ENDS Preparations. Cell Biochemistry and Biophysics, 2022, 80, 217-228.	0.9	3
9	Differential gene expression of 3D primary human airway cultures exposed to cigarette smoke and electronic nicotine delivery system (ENDS) preparations. BMC Medical Genomics, 2022, 15, 76.	0.7	2