

# Oliver H Wittekindt

## List of Publications by Year in descending order

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Version: 2024-02-01

23  
papers

634  
citations

687363

13  
h-index

677142

22  
g-index

23  
all docs

23  
docs citations

23  
times ranked

1147  
citing authors

#	ARTICLE	IF	CITATIONS
1	Serially passaged, conditionally reprogrammed nasal epithelial cells as a model to study epithelial functions and SARS-CoV-2 infection. <i>American Journal of Physiology - Cell Physiology</i> , 2022, 322, C591-C604.	4.6	2
2	TGF- $\beta$ 1 increases permeability of ciliated airway epithelia via redistribution of claudin 3 from tight junction into cell nuclei. <i>Pflügers Archiv European Journal of Physiology</i> , 2021, 473, 287-311.	2.8	14
3	A PCB-Based 24-Ch. MEA-EIS Allowing Fast Measurement of TEER. <i>IEEE Sensors Journal</i> , 2021, 21, 13048-13059.	4.7	4
4	Retinoic acid signalling adjusts tight junction permeability in response to air-liquid interface conditions. <i>Cellular Signalling</i> , 2020, 65, 109421.	3.6	14
5	IL-13 Impairs Tight Junctions in Airway Epithelia. <i>International Journal of Molecular Sciences</i> , 2019, 20, 3222.	4.1	26
6	CRACKing the Beat of Cilia: Calcium Rocks. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2019, 61, 410-411.	2.9	2
7	An Evaluation Study of Various Excitation Signals for Electrical Impedance Spectroscopy. , 2019, , .		9
8	Pharmacological cholesterol depletion disturbs ciliogenesis and ciliary function in developing zebrafish. <i>Communications Biology</i> , 2019, 2, 31.	4.4	31
9	Aquaporins in the lung. <i>Pflügers Archiv European Journal of Physiology</i> , 2019, 471, 519-532.	2.8	50
10	Inflammation-induced upregulation of P2X <sub>4</sub> expression augments mucin secretion in airway epithelia. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2019, 316, L58-L70.	2.9	21
11	Tight junctions in pulmonary epithelia during lung inflammation. <i>Pflügers Archiv European Journal of Physiology</i> , 2017, 469, 135-147.	2.8	154
12	Water Permeability Adjusts Resorption in Lung Epithelia to Increased Apical Surface Liquid Volumes. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2017, 56, 372-382.	2.9	16
13	Glucocorticoids Regulate Tight Junction Permeability of Lung Epithelia by Modulating Claudin 8. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2016, 54, 707-717.	2.9	51
14	Amiloride-sensitive fluid resorption in NCI-H441 lung epithelia depends on an apical Cl <sup>-</sup> conductance. <i>Physiological Reports</i> , 2014, 2, e00201.	1.7	14
15	Deuterium Oxide Dilution: A Novel Method to Study Apical Water Layers and Transepithelial Water Transport. <i>Analytical Chemistry</i> , 2013, 85, 4247-4250.	6.5	22
16	Actin coating and compression of fused secretory vesicles are essential for surfactant secretion: a role for Rho, formins and myosin II. <i>Journal of Cell Science</i> , 2012, 125, 2765-74.	2.0	63
17	Combined Atomic Force Microscopy and Fluorescence Microscopy: Analyzing Exocytosis in Alveolar Type II Cells. <i>Analytical Chemistry</i> , 2012, 84, 5716-5722.	6.5	28
18	Molecular basis of early epithelial response to streptococcal exotoxin: role of STIM1 and Orai1 proteins. <i>Cellular Microbiology</i> , 2012, 14, 299-315.	2.1	16

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19	Atomic force microscopy of microvillous cell surface dynamics at fixed and living alveolar type II cells. <i>Analytical and Bioanalytical Chemistry</i> , 2011, 399, 2369-2378.	3.7	20
20	Plasma Membrane Trafficking in Alveolar Type II Cells. <i>Cellular Physiology and Biochemistry</i> , 2010, 25, 081-090.	1.6	8
21	2-APB and Capsazepine-induced $Ca^{2+}$ Influx Stimulates Clathrin-dependent Endocytosis in Alveolar Epithelial Cells. <i>Cellular Physiology and Biochemistry</i> , 2010, 25, 091-102.	1.6	13
22	The human $Ca^{2+}$ -activated $K^{+}$ channel, IK, can be blocked by the tricyclic antihistamine promethazine. <i>Neuropharmacology</i> , 2006, 50, 458-467.	4.1	10
23	An Apamin- and Scyllatoxin-Insensitive Isoform of the Human SK3 Channel. <i>Molecular Pharmacology</i> , 2004, 65, 788-801.	2.3	46