

Hui Min Leung

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

1,375
citations

687363

13
h-index

642732

23
g-index

30
all docs

30
docs citations

30
times ranked

3127
citing authors

#	ARTICLE	IF	CITATIONS
1	A revised airway epithelial hierarchy includes CFTR-expressing ionocytes. <i>Nature</i> , 2018, 560, 319-324.	27.8	878
2	Tunable liquid-filled lens integrated with aspherical surface for spherical aberration compensation. <i>Optics Express</i> , 2010, 18, 9945.	3.4	56
3	Micro-optical coherence tomography of the mammalian cochlea. <i>Scientific Reports</i> , 2016, 6, 33288.	3.3	48
4	A human ciliopathy reveals essential functions for NEK10 in airway mucociliary clearance. <i>Nature Medicine</i> , 2020, 26, 244-251.	30.7	45
5	Intranasal micro-optical coherence tomography imaging for cystic fibrosis studies. <i>Science Translational Medicine</i> , 2019, 11, .	12.4	42
6	A liquid-filled tunable double-focus microlens. <i>Optics Express</i> , 2009, 17, 4782.	3.4	41
7	Flexible, high-resolution micro-optical coherence tomography endobronchial probe toward in vivo imaging of cilia. <i>Optics Letters</i> , 2017, 42, 867.	3.3	39
8	Imaging intracellular motion with dynamic micro-optical coherence tomography. <i>Biomedical Optics Express</i> , 2020, 11, 2768.	2.9	36
9	Liquid tunable diffractive/refractive hybrid lens. <i>Optics Letters</i> , 2009, 34, 2793.	3.3	35
10	A glycopolymer improves viscoelasticity and mucociliary transport of abnormal cystic fibrosis mucus. <i>JCI Insight</i> , 2019, 4, .	5.0	35
11	Scratch and indentation tests on seashells. <i>Tribology International</i> , 2009, 42, 40-49.	5.9	28
12	Multi-modality imaging of a murine mammary window chamber for breast cancer research. <i>BioTechniques</i> , 2014, 57, 45-50.	1.8	19
13	<i>Aspergillus fumigatus</i> Cell Wall Promotes Apical Airway Epithelial Recruitment of Human Neutrophils. <i>Infection and Immunity</i> , 2020, 88, .	2.2	15
14	Neutrophil dysfunction in cystic fibrosis. <i>Journal of Cystic Fibrosis</i> , 2021, 20, 1062-1071.	0.7	14
15	Micro-Optical Coherence Tomography for Endothelial Cell Visualization in the Coronary Arteries. <i>JACC: Cardiovascular Imaging</i> , 2019, 12, 1878-1880.	5.3	13
16	Evaluation of a novel CFTR potentiator in COPD ferrets with acquired CFTR dysfunction. <i>European Respiratory Journal</i> , 2022, 60, 2101581.	6.7	10
17	Fluorescence and reflectance spectral imaging system for a murine mammary window chamber model. <i>Biomedical Optics Express</i> , 2015, 6, 2887.	2.9	5
18	Multimodality pH imaging in a mouse dorsal skin fold window chamber model. <i>Proceedings of SPIE</i> , 2013, 8574, .	0.8	3

#	ARTICLE	IF	CITATIONS
19	Stromal Nerve Imaging and Tracking Using Micro-Optical Coherence Tomography. Translational Vision Science and Technology, 2020, 9, 6.	2.2	3
20	Development of Liquid Tunable Diffractive/Refractive Hybrid Lens Based on Combination of Diamond Turning and Soft Lithography. Advanced Materials Research, 2009, 74, 85-88.	0.3	1
21	In vivo optical endomicroscopy: two decades of translational research towards next generation diagnosis of eosinophilic esophagitis. Translational Medicine Communications, 2021, 6, .	1.4	1
22	Nuclear, optical, and magnetic resonance imaging in a mouse mammary window chamber model. Proceedings of SPIE, 2014, , .	0.8	0
23	Multi-Modality Imaging in a Mammary Window Chamber Mouse Model. , 2014, , .		0
24	Imaging Patient Derived Breast Cancer Xenografts in an Orthotopic Mammary Window Chamber Model. , 2015, , .		0
25	A pilot biophotonics outreach program. , 2021, , .		0