

Wihan Kim

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

144
citations

1163117

8
h-index

1199594

12
g-index

17
all docs

17
docs citations

17
times ranked

157
citing authors

#	ARTICLE	IF	CITATIONS
1	Picometer scale vibrometry in the human middle ear using a surgical microscope based optical coherence tomography and vibrometry system. Biomedical Optics Express, 2019, 10, 4395.	2.9	28
2	In vivo molecular contrast OCT imaging of methylene blue. Optics Letters, 2015, 40, 1426.	3.3	22
3	Endoscopic optical coherence tomography enables morphological and subnanometer vibratory imaging of the porcine cochlea through the round window. Optics Letters, 2018, 43, 1966.	3.3	15
4	In vivo functional imaging of the human middle ear with a hand-held optical coherence tomography device. Biomedical Optics Express, 2021, 12, 5196.	2.9	15
5	Lensless, ultra-wideband fiber optic rotary joint for biomedical applications. Optics Letters, 2016, 41, 1973.	3.3	12
6	Automated detection of superficial macrophages in atherosclerotic plaques using autofluorescence lifetime imaging. Atherosclerosis, 2019, 285, 120-127.	0.8	12
7	<i>In vivo</i> pump-probe optical coherence tomography imaging in <i>Xenopus laevis</i> . Journal of Biophotonics, 2015, 8, 25-35.	2.3	8
8	Enhanced coupling of light into a turbid medium through microscopic interface engineering. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 7941-7946.	7.1	8
9	Enhanced optical coupling and Raman scattering via microscopic interface engineering. Applied Physics Letters, 2017, 111, .	3.3	5
10	Respiratory Particle Emission During Voice Assessment and Therapy Tasks in a Single Subject. Journal of Voice, 2022, 36, 784-792.	1.5	4
11	Methylene blue-filled biodegradable polymer particles as a contrast agent for optical coherence tomography. Biomedical Optics Express, 2020, 11, 4255.	2.9	4
12	COVID-19 in the Clinic: Aerosol Containment Mask for Endoscopic Otolaryngologic Clinic Procedures. Otolaryngology - Head and Neck Surgery, 2022, 166, 850-857.	1.9	3
13	COVID-19 in the Clinic: Human Testing of an Aerosol Containment Mask for Endoscopic Clinic Procedures. Otolaryngology - Head and Neck Surgery, 2022, 166, 669-675.	1.9	3
14	Vector of motion measurements in the living cochlea using a 3D OCT vibrometry system. Biomedical Optics Express, 2022, 13, 2542.	2.9	3
15	Micromachining on the Chrome Stainless Mold Steel Using the Femtosecond Laser. Advanced Science Letters, 2011, 4, 3113-3118.	0.2	2
16	A 3-D Subnanometer Vibrometry System Based on Optical Coherence Tomography. , 2019, , .		0
17	Phase-sensitive OCT on a silicon photonic chip: characterization and functional ear imaging. , 2022, , .		0