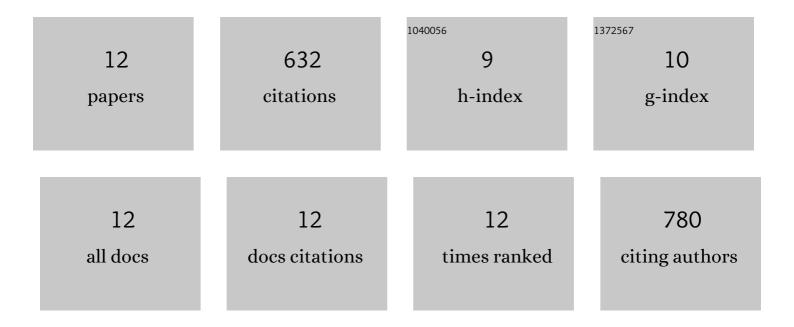
## Taewoo Kim

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/3128672/publications.pdf Version: 2024-02-01



Τλένμοο Κιμ

#	Article	IF	CITATIONS
1	White-light diffraction tomography of unlabelled live cells. Nature Photonics, 2014, 8, 256-263.	31.4	385
2	Solving inverse scattering problems in biological samples by quantitative phase imaging. Laser and Photonics Reviews, 2016, 10, 13-39.	8.7	62
3	Label-Free Characterization of Emerging Human Neuronal Networks. Scientific Reports, 2014, 4, 4434.	3.3	58
4	Picosecond-resolution phase-sensitive imaging of transparent objects in a single shot. Science Advances, 2020, 6, eaay6200.	10.3	29
5	Gradient field microscopy of unstained specimens. Optics Express, 2012, 20, 6737.	3.4	26
6	Laplace field microscopy for label-free imaging of dynamic biological structures. Optics Letters, 2011, 36, 4704.	3.3	19
7	High Resolution Phase-Sensitive Magnetomotive Optical Coherence Microscopy for Tracking Magnetic Microbeads and Cellular Mechanics. IEEE Journal of Selected Topics in Quantum Electronics, 2014, 20, 25-31.	2.9	19
8	Optical excitation and detection of neuronal activity. Journal of Biophotonics, 2019, 12, e201800269.	2.3	19
9	Gradient field microscopy for label-free diagnosis of human biopsies [Invited]. Applied Optics, 2013, 52, A92.	1.8	11
10	ELVIS: A Correlated Light-Field and Digital Holographic Microscope for Field and Laboratory Investigations. Microscopy Today, 2020, 28, 18-25.	0.3	4
11	Gradient field microscopy of unstained specimens: reply to comment. Optics Express, 2013, 21, 19188.	3.4	0
12	ELVIS: A Correlated Light-Field and Digital Holographic Microscope for Field and Laboratory Investigations – Field Demonstration. Microscopy Today, 2020, 28, 14-18.	0.3	0