

# Lingling Chen

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2158384/publications.pdf>

Version: 2024-02-01

23  
papers

1,136  
citations

516710

16  
h-index

642732

23  
g-index

25  
all docs

25  
docs citations

25  
times ranked

2020  
citing authors

#	ARTICLE	IF	CITATIONS
1	2D Black Phosphorus Saturable Absorbers for Ultrafast Photonics. <i>Advanced Optical Materials</i> , 2019, 7, 1800224.	7.3	235
2	Yb- and Er-doped fiber laser Q-switched with an optically uniform, broadband WS2 saturable absorber. <i>Scientific Reports</i> , 2015, 5, 17482.	3.3	184
3	Studies of Highly Regioregular Poly(3-hexylselenophene) for Photovoltaic Applications. <i>Advanced Materials</i> , 2007, 19, 4544-4547.	21.0	154
4	Abnormal glucose tolerance and insulin secretion in pancreas-specific Tcf7l2-null mice. <i>Diabetologia</i> , 2012, 55, 2667-2676.	6.3	103
5	In vivo fluorescence lifetime optical projection tomography. <i>Biomedical Optics Express</i> , 2011, 2, 1340.	2.9	77
6	LKB1 and AMPK differentially regulate pancreatic $\beta$ -cell identity. <i>FASEB Journal</i> , 2014, 28, 4972-4985.	0.5	71
7	UbasM: An effective balanced optical clearing method for intact biomedical imaging. <i>Scientific Reports</i> , 2017, 7, 12218.	3.3	56
8	Photocatalyst and additive-free visible light induced trifluoromethylation-arylation of <i>N</i> -arylacrylamides with Umemoto's reagent. <i>Chemical Communications</i> , 2021, 57, 1030-1033.	4.1	27
9	Incorporation of an experimentally determined MTF for spatial frequency filtering and deconvolution during optical projection tomography reconstruction. <i>Optics Express</i> , 2012, 20, 7323.	3.4	25
10	Simultaneous angular multiplexing optical projection tomography at shifted focal planes. <i>Optics Letters</i> , 2013, 38, 851.	3.3	25
11	Remote focal scanning optical projection tomography with an electrically tunable lens. <i>Biomedical Optics Express</i> , 2014, 5, 3367.	2.9	25
12	Mechanical properties and molecular structure analysis of subsurface dentin after Er:YAG laser irradiation. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2017, 74, 274-282.	3.1	25
13	Photocatalyst- and additive-free decarboxylative alkylation of <i>N</i> -aryl tetrahydroisoquinolines induced by visible light. <i>Organic Chemistry Frontiers</i> , 2021, 8, 2473-2479.	4.5	23
14	Comparison of optical projection tomography and light-sheet fluorescence microscopy. <i>Journal of Microscopy</i> , 2019, 275, 3-10.	1.8	21
15	A Thresholdless Tunable Raman Nanolaser using a ZnO-Graphene Superlattice. <i>Advanced Materials</i> , 2017, 29, 1604351.	21.0	19
16	Light sheet fluorescence microscopy applied for in situ membrane fouling characterization: The microscopic events of hydrophilic membrane in resisting DEX fouling. <i>Water Research</i> , 2020, 185, 116240.	11.3	9
17	Mesoscopic in vivo 3-D tracking of sparse cell populations using angular multiplexed optical projection tomography. <i>Biomedical Optics Express</i> , 2015, 6, 1253.	2.9	6
18	Upregulation of AKT1 and downregulation of AKT3 caused by dysregulation of microRNAs contributes to pathogenesis of hemangioma by promoting proliferation of endothelial cells. <i>Journal of Cellular Physiology</i> , 2019, 234, 21342-21351.	4.1	5

#	ARTICLE	IF	CITATIONS
19	Digital scanned laser light-sheet fluorescence lifetime microscopy with wide-field time-gated imaging. Journal of Microscopy, 2020, 279, 69-76.	1.8	5
20	Recent progress of black phosphorus and its emerging multifunction applications in biomedicine. JPhys Materials, 2021, 4, 042004.	4.2	3
21	Hyperspectral scanning laser optical tomography. Journal of Biophotonics, 2019, 12, e201800221.	2.3	2
22	Volumetric fluorescence imaging combined with modified optical clearing for Alzheimer's disease pathology. , 2018, , .		1
23	Q-switched Yb-doped fiber laser with WS <sub>2</sub> saturable absorber. , 2015, , .		0