

Di Zhang

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1271580/publications.pdf>

Version: 2024-02-01

12
papers

238
citations

1307594

7
h-index

1199594

12
g-index

12
all docs

12
docs citations

12
times ranked

284
citing authors

#	ARTICLE	IF	CITATIONS
1	Label-free imaging of the native, living cellular nanoarchitecture using partial-wave spectroscopic microscopy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, E6372-E6381.	7.1	56
2	Macrogenomic engineering via modulation of the scaling of chromatin packing density. <i>Nature Biomedical Engineering</i> , 2017, 1, 902-913.	22.5	47
3	Disordered chromatin packing regulates phenotypic plasticity. <i>Science Advances</i> , 2020, 6, eaax6232.	10.3	34
4	Nanocytological Field Carcinogenesis Detection to Mitigate Overdiagnosis of Prostate Cancer: A Proof of Concept Study. <i>PLoS ONE</i> , 2015, 10, e0115999.	2.5	27
5	Review of interferometric spectroscopy of scattered light for the quantification of subdiffractive structure of biomaterials. <i>Journal of Biomedical Optics</i> , 2017, 22, 030901.	2.6	23
6	Multimodal interference-based imaging of nanoscale structure and macromolecular motion uncovers UV induced cellular paroxysm. <i>Nature Communications</i> , 2019, 10, 1652.	12.8	16
7	Characterizing chromatin packing scaling in whole nuclei using interferometric microscopy. <i>Optics Letters</i> , 2020, 45, 4810.	3.3	11
8	Finite-difference time-domain-based optical microscopy simulation of dispersive media facilitates the development of optical imaging techniques. <i>Journal of Biomedical Optics</i> , 2016, 21, 065004.	2.6	8
9	The transformation of the nuclear nanoarchitecture in human field carcinogenesis. <i>Future Science OA</i> , 2017, 3, FSO206.	1.9	8
10	Measuring the Autocorrelation Function of Nanoscale Three-Dimensional Density Distribution in Individual Cells Using Scanning Transmission Electron Microscopy, Atomic Force Microscopy, and a New Deconvolution Algorithm. <i>Microscopy and Microanalysis</i> , 2017, 23, 661-667.	0.4	4
11	Reconstruction of explicit structural properties at the nanoscale via spectroscopic microscopy. <i>Journal of Biomedical Optics</i> , 2016, 21, 025007.	2.6	3
12	Biophotonic detection of high order chromatin alterations in field carcinogenesis predicts risk of future hepatocellular carcinoma: A pilot study. <i>PLoS ONE</i> , 2018, 13, e0197427.	2.5	1