

Tianyu Zhang

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9231533/publications.pdf>

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13
papers

140
citations

1307594

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1199594

12
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13
all docs

13
docs citations

13
times ranked

147
citing authors

#	ARTICLE	IF	CITATIONS
1	A Review of Design and Fabrication of the Bionic Flapping Wing Micro Air Vehicles. Micromachines, 2019, 10, 144.	2.9	37
2	Mathematical Methods and Algorithms for Improving Near-Infrared Tunable Diode-Laser Absorption Spectroscopy. Sensors, 2018, 18, 4295.	3.8	27
3	Quantification of iris elasticity using acoustic radiation force optical coherence elastography. Applied Optics, 2020, 59, 10739.	1.8	16
4	ViT-P: Classification of Genitourinary Syndrome of Menopause From OCT Images Based on Vision Transformer Models. IEEE Transactions on Instrumentation and Measurement, 2021, 70, 1-14.	4.7	14
5	Man-Made Threat Event Recognition Based on Distributed Optical Fiber Vibration Sensing and SE-WaveNet. IEEE Transactions on Instrumentation and Measurement, 2021, 70, 1-11.	4.7	13
6	Enhanced hole transport by doping of a lewis acid to Poly(9-vinylcarbazole) for high efficient quantum dot light-emitting diodes. Organic Electronics, 2020, 85, 105875.	2.6	8
7	Novel N-heteroacene small molecules as electron donors for organic bulk heterojunction photovoltaics. Organic Electronics, 2018, 57, 93-97.	2.6	7
8	A Single-Pass Type I Membrane Protein from the Apicomplexan Parasite Cryptosporidium parvum with Nanomolar Binding Affinity to Host Cell Surface. Microorganisms, 2021, 9, 1015.	3.6	7
9	Novel swivel-cruciform 5,5'-bibenzothiadiazole based small molecule donors for efficient organic solar cells. Organic Electronics, 2020, 77, 105521.	2.6	3
10	Improved efficiency, stable spectra and low efficiency roll-off achieved simultaneously in white phosphorescent organic light-emitting diodes by strategic exciton management. Organic Electronics, 2021, 97, 106262.	2.6	3
11	A preliminary study of shaker-based optical coherence elastography for assessment of gingival elasticity. Optics Communications, 2022, 503, 127445.	2.1	3
12	Quantification for biomechanical properties of human cornea by using acoustic radiation force optical coherence elastography. Journal of Modern Optics, 2022, 69, 150-159.	1.3	2
13	Use of spectral domain optical coherence tomography to detect internal defects of resin composites in carious teeth after restorations. Journal of Modern Optics, 2020, 67, 1509-1515.	1.3	0