

Tianyu Zhang

List of Publications by Year in descending order

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13
papers

140
citations

1307366

7
h-index

1199470

12
g-index

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. <i>Micromachines</i> , 2019, 10, 144.	1.4	37
2	Mathematical Methods and Algorithms for Improving Near-Infrared Tunable Diode-Laser Absorption Spectroscopy. <i>Sensors</i> , 2018, 18, 4295.	2.1	27
3	Quantification of Iris elasticity using acoustic radiation force optical coherence elastography. <i>Applied Optics</i> , 2020, 59, 10739.	0.9	16
4	ViT-P: Classification of Genitourinary Syndrome of Menopause From OCT Images Based on Vision Transformer Models. <i>IEEE Transactions on Instrumentation and Measurement</i> , 2021, 70, 1-14.	2.4	14
5	Man-Made Threat Event Recognition Based on Distributed Optical Fiber Vibration Sensing and SE-WaveNet. <i>IEEE Transactions on Instrumentation and Measurement</i> , 2021, 70, 1-11.	2.4	13
6	Enhanced hole transport by doping of a lewis acid to Poly(9-vinylcarbazole) for high efficient quantum dot light-emitting diodes. <i>Organic Electronics</i> , 2020, 85, 105875.	1.4	8
7	Novel N-heteroacene small molecules as electron donors for organic bulk heterojunction photovoltaics. <i>Organic Electronics</i> , 2018, 57, 93-97.	1.4	7
8	A Single-Pass Type I Membrane Protein from the Apicomplexan Parasite <i>Cryptosporidium parvum</i> with Nanomolar Binding Affinity to Host Cell Surface. <i>Microorganisms</i> , 2021, 9, 1015.	1.6	7
9	Novel swivel-cruciform 5,5-bibenzothiadiazole based small molecule donors for efficient organic solar cells. <i>Organic Electronics</i> , 2020, 77, 105521.	1.4	3
10	Improved efficiency, stable spectra and low efficiency roll-off achieved simultaneously in white phosphorescent organic light-emitting diodes by strategic exciton management. <i>Organic Electronics</i> , 2021, 97, 106262.	1.4	3
11	A preliminary study of shaker-based optical coherence elastography for assessment of gingival elasticity. <i>Optics Communications</i> , 2022, 503, 127445.	1.0	3
12	Quantification for biomechanical properties of human cornea by using acoustic radiation force optical coherence elastography. <i>Journal of Modern Optics</i> , 2022, 69, 150-159.	0.6	2
13	Use of spectral domain optical coherence tomography to detect internal defects of resin composites in carious teeth after restorations. <i>Journal of Modern Optics</i> , 2020, 67, 1509-1515.	0.6	0