

Bowen Zhang

List of Publications by Year in descending order

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25
papers

431
citations

1040056

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13
g-index

25
all docs

25
docs citations

25
times ranked

476
citing authors

#	ARTICLE	IF	CITATIONS
1	Real-Time Action Recognition with Enhanced Motion Vector CNNs. , 2016, , .		238
2	Bond theory, terahertz spectra, and dielectric studies in donor-acceptor (Nb-Al) substituted ZnTiNb ₂ O ₈ system. Journal of the American Ceramic Society, 2019, 102, 4612-4620.	3.8	31
3	Photonics-Based Instantaneous Multi-Parameter Measurement of a Linear Frequency Modulation Microwave Signal. Journal of Lightwave Technology, 2018, 36, 2589-2596.	4.6	20
4	Downregulation of MEG3 and upregulation of EZH2 cooperatively promote neuroblastoma progression. Journal of Cellular and Molecular Medicine, 2022, 26, 2377-2391.	3.6	18
5	Hypermethylation-mediated downregulation of lncRNA TBX5-AS1:2 in Tetralogy of Fallot inhibits cell proliferation by reducing TBX5 expression. Journal of Cellular and Molecular Medicine, 2020, 24, 6472-6484.	3.6	16
6	A loosely integrated data configuration strategy for web-based participatory modeling. GIScience and Remote Sensing, 2019, 56, 670-698.	5.9	14
7	Microwave Frequency Measurement Based on an Optically Injected Semiconductor Laser. IEEE Photonics Technology Letters, 2020, 32, 1485-1488.	2.5	14
8	Tunable triangular frequency modulated microwave waveform generation with improved linearity using an optically injected semiconductor laser. Applied Optics, 2019, 58, 5479.	1.8	11
9	Two novel ANK1 loss-of-function mutations in Chinese families with hereditary spherocytosis. Journal of Cellular and Molecular Medicine, 2019, 23, 4454-4463.	3.6	10
10	Thermal latent curing agent for epoxy resins from neutralization of 2-methylimidazole with a phosphazene-containing polyfunctional carboxylic acid. Polymers for Advanced Technologies, 2020, 31, 1553-1561.	3.2	10
11	Silica/poly(styrene-co-maleic anhydride) hybrid particles as a reactive toughener for epoxy resin. Journal of Applied Polymer Science, 2020, 137, 48986.	2.6	8
12	Impact of Dispersion Effects on Temporal-Convolution-Based Real-Time Fourier Transformation Systems. Journal of Lightwave Technology, 2020, 38, 4664-4676.	4.6	8
13	Long non-coding RNA SAP30-2:1 is downregulated in congenital heart disease and regulates cell proliferation by targeting HAND2. Frontiers of Medicine, 2021, 15, 91-100.	3.4	7
14	Triphenylphosphine-containing microcapsules fabricated from Pickering emulsions as a thermal latent curing accelerator for an epoxy/anhydride system. Polymer International, 2021, 70, 1680-1691.	3.1	6
15	3-D Point Cloud Reconstruction of Infrared Images Based on Improved Structure from Motion. , 2018, , .		4
16	Copolymerization of Acrylonitrile/1-Vinyl-3-Ethylimidazolium Bromide and Rheological, Thermal Properties of the Copolymer. Transactions of Tianjin University, 2019, 25, 85-90.	6.4	4
17	Synthesis of isocyanurate-based imidazole carboxylate as thermal latent curing accelerator for thermosetting epoxy resins. Journal of Applied Polymer Science, 2020, 137, 49221.	2.6	4
18	Dual-output filter-free microwave photonic single sideband up-converter with high mixing spur suppression. Applied Optics, 2021, 60, 7888.	1.8	2

#	ARTICLE	IF	CITATIONS
19	Performance evaluation of optical beamforming-based wideband antenna array (Invited Paper). Chinese Optics Letters, 2017, 15, 010013-10017.	2.9	2
20	Dual-chirp microwave waveform generation for radar application based on an optically injected semiconductor laser. , 2018, , .		1
21	Photonics-based receiver for decoupled velocity and range measurement. , 2019, , .		1
22	Photonics-Enhanced RF Spectrum Sensing. , 2020, , .		1
23	Photonic Real-time Fourier Transform Based on Frequency Stretching of RF Signals. , 2021, , .		1
24	Encoding scale into fisher vector for human action recognition. , 2015, , .		0
25	Time Lens with Improved Aperture to Resolution Ratio Based on a Phase Modulator. , 2019, , .		0