

Jia Ge

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6485353/publications.pdf>

Version: 2024-02-01

34
papers

471
citations

759233

12
h-index

713466

21
g-index

34
all docs

34
docs citations

34
times ranked

430
citing authors

#	ARTICLE	IF	CITATIONS
1	Bidirectional Soft Silicone Curvature Sensor Based on Off-Centered Embedded Fiber Bragg Grating. IEEE Photonics Technology Letters, 2016, 28, 2237-2240.	2.5	71
2	Passband switchable microwave photonic multiband filter. Scientific Reports, 2015, 5, 15882.	3.3	50
3	Dual-layer orthogonal fiber Bragg grating mesh based soft sensor for 3-dimensional shape sensing. Optics Express, 2017, 25, 24727.	3.4	49
4	Stretchable fiber-Bragg-grating-based sensor. Optics Letters, 2018, 43, 2503.	3.3	42
5	High-speed tunable microwave photonic notch filter based on phase modulator incorporated Lyot filter. Optics Letters, 2015, 40, 48.	3.3	29
6	Tunable Multiband Microwave Photonic Filters. Photonics, 2017, 4, 45.	2.0	27
7	Ultra High-Speed Radio Frequency Switch Based on Photonics. Scientific Reports, 2015, 5, 17263.	3.3	26
8	Reconfigurable RF Multiband Filter With Widely Tunable Passbands Based on Cascaded Optical Interferometric Filters. Journal of Lightwave Technology, 2018, 36, 2933-2940.	4.6	24
9	Microwave photonic multiband filter with independently tunable passband spectral properties. Optics Letters, 2018, 43, 5685.	3.3	18
10	Optically Controlled Fast Reconfigurable Microwave Photonic Dual-Band Filter Based on Nonlinear Polarization Rotation. IEEE Transactions on Microwave Theory and Techniques, 2017, 65, 253-259.	4.6	17
11	Spiral-structured fiber Bragg grating for contact force sensing through direct power measurement. Optics Express, 2014, 22, 10439.	3.4	16
12	Temperature-Insensitive Fiber-Optic Contact Force Sensor for Steerable Catheters. IEEE Sensors Journal, 2016, 16, 4771-4775.	4.7	16
13	Suppression of Rayleigh backscattering noise using cascaded-SOA and microwave photonic filter for 10 Gb/s loop-back WDM-PON. Optics Express, 2014, 22, 11770.	3.4	12
14	A Reconfigurable High-Order UWB Signal Generation Scheme Using RSOA-MZI Structure. IEEE Photonics Journal, 2014, 6, 1-7.	2.0	11
15	MRI-conditional catheter sensor for contact force and temperature monitoring during cardiac electrophysiological procedures. Journal of Cardiovascular Magnetic Resonance, 2014, 16, P150.	3.3	10
16	High-speed wavelength tunable DPSK demodulation using a phase modulator based loop mirror filter. Optics Letters, 2014, 39, 3500.	3.3	8
17	Temperature-Insensitive Contact Force Sensing in Bi-Directional Catheter Using Fiber Bragg Grating Pair. IEEE Sensors Journal, 2017, 17, 5118-5122.	4.7	7
18	Frequency Band Selectable Microwave Photonic Multiband Bandpass Filter based on Lyot filter. , 2015, , .		6

#	ARTICLE	IF	CITATIONS
19	High-speed tunable microwave photonic notch filter based on phase modulator incorporated loop mirror filter. , 2015, , .		5
20	Augmented Reality for Improving Catheterization in Magnetic Resonance Imaging-Guided Cardiac Electrophysiology Therapy1. Journal of Medical Devices, Transactions of the ASME, 2014, 8, .	0.7	4
21	Continuously tunable and reconfigurable microwave photonic multiband filter based on cascaded MZIs. , 2017, , .		4
22	Photonic implementation of a highly reconfigurable wideband RF spectral shaper. Optics Communications, 2019, 445, 111-118.	2.1	3
23	Simultaneous 12-passband microwave photonic multiband filter with reconfigurable passband frequency. , 2016, , .		3
24	3-Dimensional Soft Shape Sensor based on Dual-layer Orthogonal Fiber Bragg Grating Mesh. , 2017, , .		3
25	Dynamic and multiband RF spectral processing. , 2019, , .		3
26	Fast online detection of body defect of glass containers. Proceedings of SPIE, 2011, , .	0.8	1
27	Automatic Detection for Defects of Railroad Track Surface. Applied Mechanics and Materials, 2013, 278-280, 856-860.	0.2	1
28	Investigation of Fieldâ€Effect Passivation Created by Hydrogen Plasma Etching of Radio Corporation of America Formed Chemical Oxides on Crystalline Silicon Wafers. Physica Status Solidi (A) Applications and Materials Science, 2021, 218, 2000586.	1.8	1
29	Stretchable multi-function fiber sensor for tension, bending and torsion sensing. , 2018, , .		1
30	Mitigating Rayleigh Backscattering Noise in WDM-PON by Using Cascaded SOAs and Microwave Photonic Filter. , 2014, , .		1
31	Optically controlled microwave photonic dual-band filter with ultrafast reconfigurable capability. , 2016, , .		1
32	Reconfigurable microwave photonic spectral shaper. , 2019, , .		1
33	Rail Track Surface Image Acquisition and Positioning. Applied Mechanics and Materials, 2013, 278-280, 1143-1147.	0.2	0
34	Rayleigh backscattering noise suppression based on real-time heterodyne receiver for loop-back WDM-PON. Optics Express, 2014, 22, 22673.	3.4	0