Y G Shee

List of Publications by Year
in descending order

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21 papers	1,274 citations	706676 14 h-index	889612 19 g-index
21 all docs	21 docs citations	21 times ranked	1158 citing authors

#	Article	IF	Citations
1	Enhanced sensitivity temperature sensing based on second order Brillouin slow light. Optik, 2021, 228, 166146.	1.4	0
2	Robust Hollow Core Fiber Using MgB2 and SiC Nanoparticle Based Metamaterial for Surface Plasmon Propagation. Procedia Engineering, 2016, 140, 127-133.	1.2	0
3	Fiber Bragg grating based sensing system: Early corrosion detection for structural health monitoring. Sensors and Actuators A: Physical, 2016, 246, 123-128.	2.0	63
4	Fiber Bragg Gratings Hydrogen Sensor for Monitoring the Degradation of Transformer Oil. IEEE Sensors Journal, 2016, 16, 2993-2999.	2.4	56
5	Copper-Graphene-Based Photonic Crystal Fiber Plasmonic Biosensor. IEEE Photonics Journal, 2016, 8, 1-8.	1.0	154
6	A Novel Photonic Crystal Fiber Biosensor Using Surface Plasmon Resonance. Procedia Engineering, 2016, 140, 1-7.	1.2	104
7	Highly sensitive multi-core flat fiber surface plasmon resonance refractive index sensor. Optics Express, 2016, 24, 2485.	1.7	226
8	Effect of cyclic compression and curing agent concentration on the stabilization of mechanical properties of PDMS elastomer. Materials and Design, 2016, 96, 470-475.	3.3	71
9	Microwave photonic filter using multiwavelength Brillouin-erbium fiber laser with double-Brillouin-frequency shift. AIP Conference Proceedings, 2015, , .	0.3	2
10	Photonic Crystal Fiber-Based Surface Plasmon Resonance Sensor with Selective Analyte Channels and Graphene-Silver Deposited Core. Sensors, 2015, 15, 11499-11510.	2.1	255
11	Surface Plasmon Resonance Photonic Crystal Fiber Biosensor: A Practical Sensing Approach. IEEE Photonics Technology Letters, 2015, 27, 1628-1631.	1.3	179
12	Microwave Photonic Filter Using Multiwavelength Brillouin-Erbium Fiber Laser. IEEE Photonics Technology Letters, 2015, 27, 65-68.	1.3	13
13	Four-wave-mixing-assisted Brillouin fiber laser with double-Brillouin-frequency spacing. Optical Fiber Technology, 2015, 21, 198-201.	1.4	17
14	Numerical investigation on cascaded 1 Ã— 3 photonic crystal power splitter based on asymmetric and symmetric 1 Ã— 2 photonic crystal splitters designed with flexible structural defects. Optics Express, 2014, 22, 24241.	1.7	24
15	Brillouin slow light: substantial optical delay in the second-order Brillouin gain spectrum. Optics Letters, 2014, 39, 5118.	1.7	5
16	Structure Tuned, High Transmission 180^{circ} Waveguide Bend in 2-D Planar Photonic Crystal. IEEE Photonics Technology Letters, 2013, 25, 1443-1446.	1.3	7
17	Millimeter wave carrier generation based on a double-Brillouin-frequency spaced fiber laser. Optics Express, 2012, 20, 13402.	1.7	22
18	Double Brillouin frequency shift through circulation of odd-order Stokes signal. Applied Optics, 2010, 49, 3956.	2.1	12

#	Article	IF	Citations
19	All-optical generation of a 21 GHz microwave carrier by incorporating a double-Brillouin frequency shifter. Optics Letters, 2010, 35, 1461.	1.7	21
20	Reduction of stimulated Brillouin scattering threshold through pump recycling technique. Laser Physics Letters, 2009, 6, 535-538.	0.6	28
21	Threshold reduction of stimulated Brillouin scattering in photonic crystal fiber. Laser Physics, 2009, 19, 2194-2196.	0.6	15