

CITATION REPORT

List of articles citing

Electromagnetic field photonic sensors

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#	Paper	IF	Citations
52	Passive, multiplexable measurement of magnetic field strength and temperature using PM fibre Bragg gratings and chiral fibre devices. 2009 ,		
51	An optical fibre system design enabling simultaneous point measurement of magnetic field strength and temperature using low-birefringence FBGs. <i>Sensors and Actuators A: Physical</i> , 2010 , 163, 68-74	3.9	4
50	. <i>Journal of Lightwave Technology</i> , 2010 , 28, 2667-2673	4	13
49	Reflectometric fiber optic sensor for distributed measurement of intense magneto-static fields. 2011 ,		
48	Integrated optics magnetic sensor from 2 kHz to 9 GHz. <i>Applied Optics</i> , 2011 , 50, 1570-4	0.2	1
47	Liquid crystal infiltrated photonic crystal fibers for electric field intensity measurements. <i>Applied Optics</i> , 2011 , 50, 2628-35	0.2	47
46	All-fiber polarimetric electric field sensing using liquid crystal infiltrated photonic crystal fibers. <i>Sensors and Actuators A: Physical</i> , 2011 , 167, 54-59	3.9	29
45	Compact electric field sensors based on indirect bonding of lithium niobate to silicon microrings. <i>Optics Express</i> , 2012 , 20, 4032-8	3.3	63
44	Electric Field Sensors based on Hybrid Silicon and Lithium Niobate Microring Resonators. 2012 ,		
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42	Long-Period Fiber Grating Within D-Shaped Fiber Using Magnetic Fluid for Magnetic-Field Detection. <i>IEEE Photonics Journal</i> , 2012 , 4, 2095-2104	1.8	47
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40	Optical electric-field sensor using single $\beta\text{-BaB}_2\text{O}_7$ crystal. 2012 ,		
39	Development and application of integrated optical sensors for intense E-field measurement. <i>Sensors</i> , 2012 , 12, 11406-34	3.8	41
38	Mapping of intense magnetic fields based on polarization sensitive reflectometry in single mode optical fibers. 2013 ,		1
37	Propylene Carbonate Based Compact Fiber Mach-Zehnder Interferometric Electric Field Sensor. <i>Journal of Lightwave Technology</i> , 2013 , 31, 1566-1572	4	11
36	A NOVEL ALL-FIBER ELECTRIC FIELD SENSOR BASED ON TAPERED FIBER-SLAB WAVEGUIDE COUPLER. <i>Instrumentation Science and Technology</i> , 2014 , 42, 278-289	1.4	7

35	Response of a new low-coherence Fabry-Perot sensor to hematocrit levels in human blood. <i>Sensors</i> , 2014 , 14, 6965-76	3.8	16
34	Electro-optic Polymer Infiltrated Silicon Slot Photonic Crystal Waveguide for Broadband Electromagnetic Field Sensing. 2014 ,		1
33	An electric field tunable switch with liquid crystal infiltrated photonic crystal fiber grating. <i>Optoelectronics Letters</i> , 2014 , 10, 71-73	0.7	1
32	Study of an integrated optical sensor with mono-shielding electrode for intense transient E-field measurement. <i>Measurement: Journal of the International Measurement Confederation</i> , 2014 , 50, 356-362	4.6	9
31	Nanocomposites based on transition metal oxides in polyvinyl alcohol for EMI shielding application. <i>Polymer Bulletin</i> , 2014 , 71, 497-513	2.4	40
30	Integrated Photonic Electromagnetic Field Sensor Based on Broadband Bowtie Antenna Coupled Silicon Organic Hybrid Modulator. <i>Journal of Lightwave Technology</i> , 2014 , 32, 3774-3784	4	85
29	Sensing RF and microwave energy with fiber Bragg grating heating via soft ferromagnetic glass-coated microwires. <i>Sensors and Actuators A: Physical</i> , 2014 , 210, 25-31	3.9	8
28	High sensitive space electric field sensing based on micro fiber interferometer with field force driven gold nanofilm. <i>Scientific Reports</i> , 2015 , 5, 15802	4.9	5
27	Microwave and optical design optimization of polymer phase modulators with over 40 GHz BW. 2015 ,		
26	Antenna-coupled silicon-organic hybrid integrated photonic crystal modulator for broadband electromagnetic wave detection. 2015 ,		2
25	Brief Review on Integrated Planar Waveguide-Based Optical Sensor. <i>Engineering Materials</i> , 2016 , 9-69	0.4	2
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23	Lab-on-chip based optical biosensors for the application of dental fluorosis. <i>Optik</i> , 2016 , 127, 3480-3483	2.5	6
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21	Ultra-compact on-chip slot Bragg grating structure for small electric field detection. <i>Photonics Research</i> , 2017 , 5, 212	6	9
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17	An integrated electro-optic magnetic field sensor based on reflected Mach-Zehnder interferometer. <i>Optik</i> , 2018 , 157, 315-318	2.5	2
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12	Optical Fiber Sensors for Biocide Monitoring: Examples, Transduction Materials, and Prospects. <i>ACS Sensors</i> , 2020 , 5, 3678-3709	9.2	8
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10	Large-dynamic-range athermal lithium niobate on insulator/ TiO ₂ nanobeam electric field sensor. <i>Journal Physics D: Applied Physics</i> , 2021 , 54, 105101	3	1
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7	Electric field sensing with liquid-crystal-filled slot waveguide microring resonators. <i>Applied Optics</i> , 2017 , 56, 7629-7635	1.7	1
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5	Acousto-optic Modulator Based Magnetic Field Sensor Using Phase Shifted Fiber Bragg Grating. 2021 ,		
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