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List of Publications by Year in descending order

45 papers	742 citations	567281 15 h-index	526287 27 g-index
45 all docs	45 docs citations	45 times ranked	870 citing authors

#	Article	IF	Citations
1	Surface tension coefficient of liquid sensor based on FBG. Results in Optics, 2022, 6, 100204.	2.0	1
2	Rainbow trapping based on higher-order topological corner modes. Optics Letters, 2022, 47, 1454.	3.3	26
3	In-line reflected fiber sensor for simultaneous measurement of temperature and liquid level based on tapered few-mode fiber. Optics Express, 2022, 30, 7870.	3.4	14
4	In-line Mach-Zehnder interferometer for simultaneous measurement of temperature and directional torsion. Optik, 2021, 226, 165497.	2.9	9
5	Liquid level sensor based on PM-MD fiber structure loop mirror. Optical Fiber Technology, 2021, 62, 102464.	2.7	4
6	The impact of polarizationâ€maintaining and multimode fibre lengths on strain and temperature sensitivities of singleâ€modeâ€“multimodeâ€“polarizationâ€maintainingâ€“multimodeâ€“singleâ€modeâ€based fibre optic sensors. IET Optoelectronics, 2021, 15, 225-232.	1.8	1
7	Interference fading suppression in Ï†-OTDR using space-division multiplexed probes. Optics Express, 2021, 29, 15452.	3.4	34
8	High sensitivity pressure sensor based on a simple SPS fiber loop mirror. Optical and Quantum Electronics, 2021, 53, 1.	3.3	2
9	Higher-order topological phases in tunable C₃ symmetric photonic crystals. Photonics Research, 2021, 9, 1854.	7.0	49
10	Early rapid diagnosis of Alzheimerâ€™s disease based on fusion of near- and mid-infrared spectral features combined with PLS-DA. Optik, 2021, 241, 166485.	2.9	8
11	Fiber in-line Mach-Zehnder interferometer for simultaneous measurement of transverse loading and temperature based on multi-core fiber. Optics and Laser Technology, 2021, 143, 107354.	4.6	13
12	Highly Sensitive Temperature Sensor Based on Multicore Fiber-Polarization Maintaining Fiber Loop Mirror. IEEE Sensors Journal, 2020, 20, 1315-1321.	4.7	9
13	Early Diagnosis of Type 2 Diabetes Based on Near-Infrared Spectroscopy Combined With Machine Learning and Aquaphotomics. Frontiers in Chemistry, 2020, 8, 580489.	3.6	11
14	In-line fiber-optic sensor based multi-core fiber for simultaneous transverse pressure and temperature sensing. , 2020, , .		0
15	Youngâ€™s Modulus Measurement of Metal Wires Using FBG Sensor. Photonic Sensors, 2019, 9, 277-283.	5.0	1
16	Lanthanide-doped mesoporous MCM-41 nanoparticles as a novel opticalâ€“magnetic multifunctional nanobioprobe. RSC Advances, 2019, 9, 40835-40844.	3.6	6
17	High-Sensitivity Temperature Sensor Based on Polarization Maintaining Fiber Sagnac Loop. Photonic Sensors, 2019, 9, 25-32.	5.0	29
18	Simultaneous measurement of strain and torsion based on a seven-core fiber Mach-Zehnder interferometer. , 2019, , .		0

#	Article	IF	Citations
19	Temperature and liquid refractive index sensor using P-D fiber structure-based Sagnac loop. Optics Express, 2018, 26, 18920.	3.4	47
20	Influence of thermal fluctuations on the interactions between nanoscale particles. Journal of Nanoparticle Research, 2018, 20, 1.	1.9	2
21	Analysis of humidity-dependent adhesion between a probe tip and a surface. Particuology, 2017, 33, 91-97.	3.6	7
22	Hybrid fiber optic interferometers for temperature and strain measurements. , 2017, , .		0
23	A high sensitivity all-fiber temperature sensor based on SPS fiber structure-based Sagnac loop. , 2017, , .		0
24	Strain-induced vibration and temperature sensing BOTDA system combined frequency sweeping and slope-assisted techniques. Optics Express, 2016, 24, 13610.	3.4	17
25	Capillary and van der Waals force between microparticles with different sizes in humid air. Journal of Adhesion Science and Technology, 2016, 30, 566-578.	2.6	19
26	A Distributed Brillouin Temperature Sensor Using a Single-Photon Detector. IEEE Sensors Journal, 2016, 16, 2180-2185.	4.7	11
27	Long-haul and high-resolution optical time domain reflectometry using superconducting nanowire single-photon detectors. Scientific Reports, 2015, 5, 10441.	3.3	28
28	Single-passband microwave photonic filter based on a self-seeded multiwavelength Brillouin-erbium fiber laser. Optics Communications, 2015, 339, 74-77.	2.1	4
29	The van der Waals force between arbitrary-shaped particle and a plane surface connected by a liquid bridge in humidity environment. Granular Matter, 2014, 16, 903-909.	2.2	10
30	A Hybrid Single-End-Access BOTDA and COTDR Sensing System Using Heterodyne Detection. Journal of Lightwave Technology, 2013, 31, 1954-1959.	4.6	24
31	Detection of multiple vibration points using fundamental frequency and harmonic progressions in response spectra of POTDR. Optik, 2013, 124, 5262-5266.	2.9	1
32	A BOTDA with break interrogation function over 72 km sensing length. Optics Express, 2013, 21, 145.	3.4	18
33	Photon-counting optical time-domain reflectometry with superconducting nanowire single-photon detectors. , 2013, , .		6
34	Photonic generation of tunable microwave signal using Brillouin fiber laser. Applied Optics, 2012, 51, 1028.	1.8	6
35	Design of fast pulse coding/decoding system for BOTDR. , 2012, , .		2
36	Photon-Counting Optical Time-Domain Reflectometry Using a Superconducting Nanowire Single-Photon Detector. Journal of Lightwave Technology, 2012, 30, 2583-2588.	4.6	35

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37	Adaptive step size Gill method for the modeling of ultrashort pulse propagation in optical fiber. Optics Communications, 2012, 285, 2456-2461.	2.1	1
38	Remote Fiber Bragg Grating Sensors System Based on Self-Heterodyne Detection. Zhongguo Jiguang/Chinese Journal of Lasers, 2012, 39, 1214002.	1.2	0
39	Urban Mixed Traffic Flow Considering the Influence by Origin-destination of Public Transportation. Journal of Transportation System Engineering and Information Technology, 2011, 11, 102-107.	0.6	2
40	R value measurements for <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll"><mml:msup><mml:mi>e</mml:mi><mml:mo>+</mml:mo></mml:msup><mml:msup><mml:mi>e</mml:mi><mml:mo stretchy="false">(</mml:mo><mml:mn>3770</mml:mn><mml:mo) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 587 Td (stretchy="false">)</mml:mo></mml:msup></mml:math> annihilation at 2.60, 3.07 and 3.65 GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High Energy Physics, 2009, 677, 239-245.	4.1	63
41	<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si2.gif" overflow="scroll"><mml:mi>ï</mml:mi><mml:mo		