List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Optical gas sensing: a review. Measurement Science and Technology, 2013, 24, 012004.	2.6	1,159
2	Optical fibre long-period grating sensors: characteristics and application. Measurement Science and Technology, 2003, 14, R49-R61.	2.6	1,106
3	Fiber-optic liquid-level sensor using a long-period grating. Optics Letters, 2001, 26, 1224.	3.3	252
4	Optical fiber long-period gratings with Langmuir–Blodgett thin-film overlays. Optics Letters, 2002, 27, 686.	3.3	251
5	Shearography technology and applications: a review. Measurement Science and Technology, 2010, 21, 102001.	2.6	192
6	A single-headed fibre optic laser Doppler anemometer probe for the measurement of flow angles. Measurement Science and Technology, 2004, 15, 1-8.	2.6	165
7	Non-dispersive infra-red (NDIR) measurement of carbon dioxide at 4.2μm in a compact and optically efficient sensor. Sensors and Actuators B: Chemical, 2013, 186, 580-588.	7.8	153
8	Tapered Optical Fibre Sensors: Current Trends and Future Perspectives. Sensors, 2019, 19, 2294.	3.8	121
9	Simultaneous temperature and bend sensing with long-period fiber gratings. Optics Letters, 2000, 25, 1007.	3.3	117
10	Temperature and strain discrimination using a single tilted fibre Bragg grating. Optics Communications, 2007, 275, 344-347.	2.1	115
11	Fibre Bragg gratings fabricated using a wavelength tuneable laser source and a phase mask based interferometer. Measurement Science and Technology, 1996, 7, 445-448.	2.6	110
12	Characterization of the response of fibre Bragg gratings fabricated in stress and geometrically induced high birefringence fibres to temperature and transverse load. Smart Materials and Structures, 2004, 13, 888-895.	3.5	90
13	Modification of the refractive index response of long period gratings using thin film overlays. Sensors and Actuators B: Chemical, 2005, 107, 738-741.	7.8	80
14	Optical fibre long period grating with a nanoporous coating formed from silica nanoparticles for ammonia sensing in water. Materials Chemistry and Physics, 2012, 133, 784-792.	4.0	77
15	Fibre optic sensors with nano-structured coatings. Journal of Optics, 2006, 8, S430-S444.	1.5	76
16	Response of fiber-optic long-period gratings operating near the phase-matching turning point to the deposition of nanostructured coatings. Journal of the Optical Society of America B: Optical Physics, 2008, 25, 897.	2.1	75
17	Multi-parameter measurements using optical fibre long period gratings for indoor air quality monitoring. Sensors and Actuators B: Chemical, 2017, 244, 217-225.	7.8	74
18	Enhanced sensitivity fibre optic long period grating temperature sensor. Measurement Science and Technology, 2002, 13, 792-795.	2.6	66

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19	Using integrating spheres as absorption cells: path-length distribution and application of Beer's law. Applied Optics, 2009, 48, 5748.	2.1	64
20	Optical fibre long period grating gas sensor modified with metal organic framework thin films. Sensors and Actuators B: Chemical, 2015, 221, 891-899.	7.8	64
21	An ammonia sensor based on Lossy Mode Resonances on a tapered optical fibre coated with porphyrin-incorporated titanium dioxide. Sensors and Actuators B: Chemical, 2017, 242, 645-652.	7.8	63
22	Selective vancomycin detection using optical fibre long period gratings functionalised with molecularly imprinted polymer nanoparticles. Analyst, The, 2014, 139, 2229-2236.	3.5	61
23	Strain response of fibre Bragg grating sensors at cryogenic temperatures. Measurement Science and Technology, 2002, 13, 1535-1539.	2.6	59
24	A long period grating optical fiber sensor with nano-assembled porphyrin layers for detecting ammonia gas. Sensors and Actuators B: Chemical, 2016, 228, 573-580.	7.8	58
25	Fiber optic long period grating sensors with a nanoassembled mesoporous film of SiO_2 nanoparticles. Optics Express, 2010, 18, 13227.	3.4	55
26	Fabrication and optimisation of a fused filament 3D-printed microfluidic platform. Journal of Micromechanics and Microengineering, 2017, 27, 035018.	2.6	55
27	Relating the state of cure to the real-time internal strain development in a curing composite using in-fibre Bragg gratings and dielectric sensors. Measurement Science and Technology, 1998, 9, 1153-1158.	2.6	54
28	Cryogenic temperature response of fibre optic long period gratings. Measurement Science and Technology, 2003, 14, 1409-1411.	2.6	54
29	pH sensor using Langmuir–Blodgett overlays on polished optical fibers. Optics Letters, 1997, 22, 567.	3.3	52
30	Highly sensitive optical fibre long period grating biosensor anchored with silica core gold shell nanoparticles. Biosensors and Bioelectronics, 2016, 75, 222-231.	10.1	50
31	Instantaneous, three-component planar Doppler velocimetry using imaging fibre bundles. Experiments in Fluids, 2004, 36, 3-10.	2.4	46
32	Fabrication of fiber optic long period gratings operating at the phase matching turning point using an ultraviolet laser. Applied Optics, 2014, 53, 4669.	1.8	46
33	Range-resolved interferometric signal processing using sinusoidal optical frequency modulation. Optics Express, 2015, 23, 9415.	3.4	45
34	Multiplexing of Fiber-Optic Long-Period Grating-Based Interferometric Sensors. Journal of Lightwave Technology, 2007, 25, 825-829.	4.6	44
35	Refractive index sensitivity of fibre-optic long period gratings coated with SiO ₂ nanoparticle mesoporous thin films. Measurement Science and Technology, 2011, 22, 075208.	2.6	44
36	Strain development in curing epoxy resin and glass fibre/epoxy composites monitored by fibre Bragg grating sensors in birefringent optical fibre. Smart Materials and Structures, 2005, 14, 354-362.	3.5	42

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37	A long period grating-based chemical sensor insensitive to the influence of interfering parameters. Optics Express, 2014, 22, 8012.	3.4	42
38	Optical Fiber Sensing Based on Reflection Laser Spectroscopy. Sensors, 2010, 10, 1823-1845.	3.8	41
39	Optical fiber long period grating sensor with a polyelectrolyte alternate thin film for gas sensing of amine odors. Sensors and Actuators B: Chemical, 2013, 185, 117-124.	7.8	41
40	Cascaded long-period gratings with nanostructured coatings. Optics Letters, 2005, 30, 2197.	3.3	40
41	Long period grating based toluene sensor for use with water contamination. Sensors and Actuators B: Chemical, 2014, 203, 621-625.	7.8	40
42	Optical fibre laser velocimetry: a review. Measurement Science and Technology, 2012, 23, 032001.	2.6	39
43	Optical fibre grating refractometers for resin cure monitoring. Journal of Optics, 2007, 9, S60-S65.	1.5	37
44	Railway track component condition monitoring using optical fibre Bragg grating sensors. Measurement Science and Technology, 2016, 27, 055201.	2.6	37
45	Development and application of optical fibre strain and pressure sensors for in-flight measurements. Measurement Science and Technology, 2016, 27, 104001.	2.6	37
46	Passive signal processing for a miniature Fabry–Perot interferometric sensor with a multimode laser-diode source. Optics Letters, 1995, 20, 1818.	3.3	36
47	Time-division-multiplexed interrogation of fibre Bragg grating sensors using laser diodes. Measurement Science and Technology, 2001, 12, 181-187.	2.6	36
48	Shape and slope measurement by source displacement in shearography. Optics and Lasers in Engineering, 2004, 41, 621-634.	3.8	36
49	Thermal dependence of the strain response of optical fibre Bragg gratings. Measurement Science and Technology, 2004, 15, 1607-1613.	2.6	34
50	Surface strain measurement: a comparison of speckle shearing interferometry and optical fibre Bragg gratings with resistance foil strain gauges. Measurement Science and Technology, 2007, 18, 1175-1184.	2.6	34
51	Application of optical coherence tomography to non-destructively characterise rind breakdown disorder of †Nules Clementine' mandarins. Postharvest Biology and Technology, 2013, 84, 16-21.	6.0	34
52	Gas cells for tunable diode laser absorption spectroscopy employing optical diffusers. Part 1: single and dual pass cells. Applied Physics B: Lasers and Optics, 2010, 100, 291-302.	2.2	33
53	Fiber-optic chemical sensing with Langmuir–Blodgett overlay waveguides. Applied Optics, 1999, 38, 7370.	2.1	31
54	Fibre imaging bundles for full-field optical coherence tomography. Measurement Science and Technology, 2007, 18, 2949-2957.	2.6	30

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55	Characterization of optical fiber imaging bundles for swept-source optical coherence tomography. Applied Optics, 2011, 50, 627.	2.1	30
56	Automated manufacture of 3D reinforced aerospace composite structures. International Journal of Structural Integrity, 2012, 3, 22-40.	3.3	30
57	Pronounced aromatic carboxylic acid detection using a layer-by-layer mesoporous coating on optical fibre long period grating. Sensors and Actuators B: Chemical, 2012, 173, 300-309.	7.8	29
58	In-line fiber-optic components using Langmuir–Blodgett films. Optics Letters, 1994, 19, 2036.	3.3	27
59	Z-type Langmuir–Blodgett film structures: surface plasmon resonance, second harmonic generation and fibre optic devices. Journal of Materials Chemistry, 1996, 6, 131-136.	6.7	27
60	Two-frequency planar Doppler velocimetry (2ν-PDV). Review of Scientific Instruments, 2004, 75, 4487-4496.	1.3	27
61	Surface strain measurement using multi-component shearography with coherent fibre-optic imaging bundles. Measurement Science and Technology, 2007, 18, 3583-3591.	2.6	26
62	Gas cells for tunable diode laser absorption spectroscopy employing optical diffusers. Part 2: Integrating spheres. Applied Physics B: Lasers and Optics, 2010, 100, 303-312.	2.2	26
63	Dynamic Fiber-Optic Shape Sensing Using Fiber Segment Interferometry. Journal of Lightwave Technology, 2018, 36, 917-925.	4.6	26
64	Optical polarisation state control schemes using fibre optics or Bragg cells. Journal of Physics E: Scientific Instruments, 1986, 19, 711-717.	0.7	25
65	Heterodyning of fibre optic electronic speckle pattern interferometers using laser diode wavelength modulation. Measurement Science and Technology, 1994, 5, 704-709.	2.6	24
66	Heterodyning of speckle shearing interferometers by laser diode wavelength modulation. Measurement Science and Technology, 1996, 7, 1721-1727.	2.6	24
67	A pressure sensor based upon the transverse loading of a sub-section of an optical fibre Bragg grating. Measurement Science and Technology, 2007, 18, 3103-3110.	2.6	24
68	Fiber Segment Interferometry for Dynamic Strain Measurements. Journal of Lightwave Technology, 2016, 34, 4620-4626.	4.6	24
69	Volatile Organic Compounds Sensing Using Optical Fibre Long Period Grating with Mesoporous Nano-Scale Coating. Sensors, 2017, 17, 205.	3.8	24
70	Low-volume, fast response-time hollow silica waveguide gas cells for mid-IR spectroscopy. Applied Optics, 2016, 55, 6797.	2.1	23
71	Sensitivity Enhancement in Low Cutoff Wavelength Long-Period Fiber Gratings by Cladding Diameter Reduction. Sensors, 2017, 17, 2094.	3.8	23
72	Interrogation of low finesse optical fibre Fabry - Pérot interferometers using a four wavelength technique. Measurement Science and Technology, 1996, 7, 117-120.	2.6	22

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73	Self-mixing interference effects in tunable diode laser absorption spectroscopy. Applied Physics B: Lasers and Optics, 2009, 96, 863-874.	2.2	22
74	Polarization-multiplexed and phase-stepped fibre optic shearography using laser wavelength modulation. Measurement Science and Technology, 2000, 11, 1389-1395.	2.6	21
75	Comparative signal-to-noise analysis of fibre-optic based optical coherence tomography systems. Journal of Modern Optics, 2005, 52, 1965-1979.	1.3	21
76	Experimental observations on the response of 1^st and 2^nd order fibre optic long period grating coupling bands to the deposition of nanostructured coatings. Optics Express, 2007, 15, 13096.	3.4	21
77	Surface strain measurement of rotating objects using pulsed laser shearography with coherent fibre-optic imaging bundles. Measurement Science and Technology, 2008, 19, 105301.	2.6	21
78	Noise analysis for CCD-based ultraviolet and visible spectrophotometry. Applied Optics, 2015, 54, 8135.	2.1	21
79	<title>Time-division-multiplexed 3D shearography</title> . , 1999, , .		20
80	Single camera three component planar velocity measurements using two-frequency planar Doppler velocimetry (21¼-PDV). Measurement Science and Technology, 2006, 17, 1194-1206.	2.6	20
81	Investigation into the selection of viewing configurations for three-component planar Doppler velocimetry measurements. Applied Optics, 2007, 46, 4102.	2.1	20
82	Phase-stepped speckle shearing interferometer by source wavelength modulation. Optics Letters, 1996, 21, 1421.	3.3	19
83	Monitoring cure in epoxies containing carbon nanotubes with an opticalâ€fiber Fresnel refractometer. Journal of Applied Polymer Science, 2009, 113, 730-735.	2.6	19
84	Optical Gas Sensor Fabrication Based on Porphyrin-Anchored Electrostatic Self-Assembly onto Tapered Optical Fibers. Analytical Letters, 2012, 45, 1297-1309.	1.8	19
85	Response of the transmission spectrum of tapered optical fibres to the deposition of a nanostructured coating. Measurement Science and Technology, 2009, 20, 034001.	2.6	18
86	A non-contact laser speckle sensor for the measurement of robotic tool speed. Robotics and Computer-Integrated Manufacturing, 2018, 53, 187-196.	9.9	18
87	Fibre Bragg grating based effective soil pressure sensor for geotechnical applications. Proceedings of SPIE, 2009, , .	0.8	17
88	A low cost, optically efficient carbon dioxide sensor based on nondispersive infra-red (NDIR) measurement at 4.2114m. Proceedings of SPIE, 2012, , .	0.8	17
89	Fibre optic based reference beam laser Doppler velocimetry. Optics Communications, 1995, 119, 460-464.	2.1	16
90	Design considerations for a three dimensional fiber optic laser Doppler velocimeter for turbomachinery applications. Review of Scientific Instruments, 1997, 68, 3241-3246.	1.3	16

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91	Objective speckle velocimetry for autonomous vehicle odometry. Applied Optics, 2012, 51, 3478.	1.8	16
92	Multi-component strain development in superconducting magnet coils monitored using fibre Bragg grating sensors fabricated in highly linearly birefringent fibre. Smart Materials and Structures, 2011, 20, 125004.	3.5	15
93	Two-dimensional fibre-optic laser velocimetry using polarisation state control. Journal of Physics E: Scientific Instruments, 1988, 21, 103-107.	0.7	14
94	Full surface strain measurement using shearography. , 2001, 4448, 142.		14
95	Low-coherence optical fibre speckle interferometry. Measurement Science and Technology, 2006, 17, 605-616.	2.6	14
96	High sensitivity pressure measurement using optical fibre sensors mounted on a composite diaphragm. Optics Express, 2021, 29, 4105.	3.4	14
97	Monitoring transient strains on a gun barrel using fibre Bragg-grating sensors. Measurement Science and Technology, 1999, 10, 63-67.	2.6	13
98	In-line laser Doppler velocimeter using fibre-optic Bragg grating interferometric filters. Measurement Science and Technology, 2003, 14, 724-735.	2.6	13
99	Speckle velocimetry for high accuracy odometry for a Mars exploration rover. Measurement Science and Technology, 2010, 21, 025301.	2.6	13
100	A simple and wavelength-flexible procedure for fabricating phase-shifted fibre Bragg gratings. Measurement Science and Technology, 2010, 21, 094001.	2.6	13
101	Fibre segment interferometry using code-division multiplexed optical signal processing for strain sensing applications. Measurement Science and Technology, 2013, 24, 094011.	2.6	13
102	Novel Highly Sensitive Protein Sensors Based on Tapered Optical Fibres Modified with Au-Based Nanocoatings. Journal of Sensors, 2016, 2016, 1-11.	1.1	13
103	Dissolved Oxygen Sensing Using an Optical Fiber Long Period Grating Coated With Hemoglobin. Journal of Lightwave Technology, 2016, 34, 4506-4510.	4.6	13
104	Application of fibre optic sensing systems to measure rotor blade structural dynamics. Mechanical Systems and Signal Processing, 2021, 158, 107758.	8.0	13
105	Faraday-effect magnetometry: compensation for the temperature-dependent Verdet constant. Measurement Science and Technology, 1994, 5, 1471-1479.	2.6	12
106	Optical low-coherence tomography of bronchial tissue. , 1999, , .		12
107	Submicrometer fiber-optic Fabry–Perot interferometer formed by use of the Langmuir–Blodgett technique. Optics Letters, 2001, 26, 1840.	3.3	12
108	Ultrasonic sensing using Yb3+/Er3+-codoped distributed feedback fibre grating lasers. Smart Materials and Structures, 2005, 14, 170-176.	3.5	12

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109	Mach–Zehnder interferometric filter based planar Doppler velocimetry (MZI-PDV). Journal of Optics, 2007, 9, 1002-1013.	1.5	12
110	Pressure measurements on aircraft wing using phase-shifted fibre Bragg grating sensors. , 2009, , .		12
111	Enhanced sensitivity fibre Bragg grating (FBG) load sensor. Measurement Science and Technology, 2010, 21, 094006.	2.6	12
112	Monitoring techniques for the manufacture of tapered optical fibers. Applied Optics, 2015, 54, 8531.	2.1	12
113	Optical fibre technique for the measurement of small frequency separations: application to surface profile measurement using electronic speckle pattern interferometry. Measurement Science and Technology, 1993, 4, 601-607.	2.6	11
114	Objective speckle displacement: an extended theory for the small deformation of shaped objects. Optics Express, 2014, 22, 25466.	3.4	11
115	A mechanically stable laser diode speckle interferometer for surface contouring and displacement measurement. Measurement Science and Technology, 2015, 26, 055402.	2.6	11
116	Overwrite fabrication and tuning of long period gratings. Optics Express, 2016, 24, 22345.	3.4	11
117	Faraday effect magnetometry utilizing high Verdet constant glass. Applied Physics Letters, 1987, 51, 864-866.	3.3	10
118	Second-harmonic generation in Langmuir–Blodgett waveguide overlays on single-mode optical fiber. Optics Letters, 1999, 24, 1194.	3.3	10
119	Pipe Weld Investigation using Shearography. Strain, 2003, 39, 101-105.	2.4	10
120	Optical fibre Fizeau-based OCT. , 2004, , .		10
121	Three-component planar velocity measurements using Mach–Zehnder interferometric filter-based planar Doppler velocimetry (MZI-PDV). Measurement Science and Technology, 2009, 20, 034019.	2.6	10
122	Properties of Length-Apodized Phase-Shifted LPGs Operating at the Phase Matching Turning Point. Journal of Lightwave Technology, 2012, 30, 2203-2209.	4.6	10
123	Production process monitoring and post-production strain measurement on a full-size carbon-fibre composite aircraft tail cone assembly using embedded optical fibre sensors. Measurement Science and Technology, 2020, 31, 105204.	2.6	10
124	<title>Surface contouring using TV holography</title> ., 1991, 1504, 221.		9
125	Optical frequency shifter based on stimulated Brillouin scattering in a birefringent optical fibre ring resonator. Optics Communications, 1993, 103, 161-168.	2.1	9
126	Optical frequency shifter technique based on stimulated Brillouin scattering in birefringent optical fiber. Applied Optics, 1993, 32, 5966.	2.1	9

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127	A polarization-based optical fibre vibrometer. Measurement Science and Technology, 1997, 8, 343-347.	2.6	9
128	Multicomponent shearography employing four measurements channels. , 2003, 4933, 135.		9
129	Using integrating spheres with wavelength modulation spectroscopy: effect of pathlength distribution on 2nd harmonic signals. Applied Physics B: Lasers and Optics, 2013, 110, 223-231.	2.2	9
130	On-line monitoring of multi-component strain development in a tufting needle using optical fibre Bragg grating sensors. Smart Materials and Structures, 2014, 23, 075001.	3.5	9
131	Non-Dispersive Ultra-Violet Spectroscopic Detection of Formaldehyde Gas for Indoor Environments. IEEE Sensors Journal, 2018, 18, 2218-2228.	4.7	9
132	Spectrometer-based refractive index and dispersion measurement using low-coherence interferometry with confocal scanning. Optics Express, 2018, 26, 3604.	3.4	9
133	An Optical Fiber Hydrogen Sensor Using a Palladium-Coated Ball Lens. Journal of Lightwave Technology, 2015, 33, 2535-2542.	4.6	8
134	Workpiece positioning sensor (wPOS): A three-degree-of-freedom relative end-effector positioning sensor for robotic manufacturing. Procedia CIRP, 2019, 79, 620-625.	1.9	8
135	Transmission line method for the simulation of fiber Bragg gratings. Applied Optics, 2019, 58, 353.	1.8	8
136	In-process range-resolved interferometric (RRI) 3D layer height measurements for wire + arc additive manufacturing (WAAM). Measurement Science and Technology, 2022, 33, 044002.	2.6	8
137	Evidence for a thermotropic phase transition in oleic acid. Journal of the Chemical Society Faraday Transactions I, 1986, 82, 439.	1.0	7
138	<title>Influence of process route on mechanical and sensing performance of fiber Bragg grating optical sensors</title> . , 1999, , .		7
139	Quantitative shearography: error reduction by using more than three measurement channels. Applied Optics, 2011, 50, 134.	2.1	7
140	Fibre-Optic Chemical Sensor Approaches Based on Nanoassembled Thin Films: A Challenge to Future Sensor Technology. , 2013, , .		7
141	Identification and quality assessment of beverages using a long period grating fibre-optic sensor modified with a mesoporous thin film. Sensing and Bio-Sensing Research, 2014, 1, 26-33.	4.2	7
142	Integrating cavity based gas cells: a multibeam compensation scheme for pathlength variation. Optics Express, 2016, 24, 13647.	3.4	7
143	All-electronic frequency stabilization of a DFB laser diode. Optics Express, 2017, 25, 11679.	3.4	7
144	The calibration of the path-length imbalance in optical fibre ESPI systems employing source-wavelength modulation. Measurement Science and Technology, 1997, 8, 759-763.	2.6	6

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145	<title>Polarization-maintaining fiber Bragg grating interrogation system for multi-axis strain sensing</title> . , 2002, , .		6
146	Optical coherence tomography with a Fizeau interferometer configuration. , 2005, 5858, 139.		6
147	Full-field optical coherence tomography. , 2005, , .		6
148	Finding minimum spanning trees more efficiently for tile-based phase unwrapping. Measurement Science and Technology, 2006, 17, 1428-1435.	2.6	6
149	A simple method for fabricating phase-shifted fibre Bragg gratings with flexible choice of centre wavelength. , 2009, , .		6
150	A fibre Bragg grating-based inclinometer system for ground movement measurement. Proceedings of SPIE, 2010, , .	0.8	6
151	Detection of volatile organic compounds (VOCs) using an optical fibre long period grating with a calixarene anchored mesoporous thin film. Proceedings of SPIE, 2013, , .	0.8	6
152	Resin Directional Flow and Degree of Cure Sensing Using Chirped Optical Fiber Long Period Gratings. IEEE Sensors Journal, 2017, 17, 6605-6614.	4.7	6
153	Three-dimensional interferometric stage encoder using a single access port. Optics and Lasers in Engineering, 2021, 137, 106342.	3.8	6
154	Correction of periodic displacement non-linearities by two-wavelength interferometry. Measurement Science and Technology, 2021, 32, 125202.	2.6	6
155	Polarization-sensitive transfer matrix modeling for displacement measuring interferometry. Applied Optics, 2020, 59, 7694.	1.8	6
156	Applications of Faraday rotation using monomode optical fibre. , 1987, , .		5
157	A novel interferometric liquid refractometer. Review of Scientific Instruments, 1989, 60, 3347-3348.	1.3	5
158	Optoelectronic developments in speckle interferometry. , 1996, , .		5
159	<title>3D shearography for surface strain analysis</title> ., 1999, 3783, 247.		5
160	Acousto-optic frequency switching for single-camera planar Doppler velocimetry. , 2001, 4448, 272.		5
161	Rouard's method as a modelling tool for the sensing characteristics of complex fibre Fabry-Perot interferometers formed between chirped fibre Bragg gratings. , 2005, 5855, 338.		5
162	Full-field optical coherence tomography using a fibre imaging bundle. , 2006, , .		5

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163	Ammonia sensing using a fibre optic long period grating with a porous nanostructured coating formed from silica nanospheres. , 2010, , .		5
164	A VCSEL based system for on-site monitoring of low level methane emission. Proceedings of SPIE, 2011, , \cdot	0.8	5
165	Multiplexing a serial array of tapered optical fibre sensors using coherent optical frequency domain reflectometry. Measurement Science and Technology, 2012, 23, 105203.	2.6	5
166	Multiplexed fibre optic sensors for monitoring resin infusion, flow, and cure in composite material processing. , 2013, , .		5
167	Simultaneous laser vibrometry on multiple surfaces with a single beam system using range-resolved interferometry. , 2015, , .		5
168	A measurement strategy for non-dispersive ultra-violet detection of formaldehyde in indoor air: spectral analysis and interferent gases. Measurement Science and Technology, 2016, 27, 015802.	2.6	5
169	Monomode fiber modulators: Frequency and polarization state control. Fiber and Integrated Optics, 1988, 7, 299-315.	2.5	4
170	Optical fiber modulation techniques for single mode fiber sensors. Optoelectronics, Imaging and Sensing Series, 1995, , 223-267.	0.4	4
171	A technique for depositing non-centrosymmetric Langmuir-Blodgett films onto optical fibres. Measurement Science and Technology, 1999, 10, N60-N62.	2.6	4
172	<title>Strain measurement in curved industrial components using multicomponent shearography</title> ., 2001, 4398, 216.		4
173	Planar Doppler velocimetry measurements of flows using imaging fiber bundles. , 2003, 5191, 122.		4
174	Simultaneous independent measurement of temperature and strain using a tilted fibre Bragg grating. Proceedings of SPIE, 2007, , .	0.8	4
175	Passive OCT probe head for 3D duct inspection. Measurement Science and Technology, 2013, 24, 094001.	2.6	4
176	Wavelength stabilisation of a DFB laser diode using measurement of junction voltage. Proceedings of SPIE, 2014, , .	0.8	4
177	Frequency division multiplexing for interferometric planar Doppler velocimetry. Applied Optics, 2014, 53, 4363.	1.8	4
178	Bragg-grating-stabilized external cavity lasers for gas sensing using tunable diode laser spectroscopy. , 2014, , .		4
179	Modifying monolayer behaviour by incorporating subphase additives and improving Langmuir–Blodgett thin film deposition on optical fibres. Materials Chemistry and Physics, 2014, 144, 179-185.	4.0	4
180	Optimized Process for Fabricating Ultrashort Tapered Long-Period Gratings. Journal of Lightwave Technology, 2018, 36, 1091-1096.	4.6	4

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181	Fibre-optic measurement of strain and shape on a helicopter rotor blade during a ground run: 1. Measurement of strain. Smart Materials and Structures, 2022, 31, 075014.	3.5	4
182	Application Of An Optical Fibre Current Sensor To Electricity Supply Protection. , 1989, 1120, 324.		3
183	Use of laser diodes and monomode optical fiber in electronic speckle pattern interferometry. , 1991, , .		3
184	Imaging system considerations in Doppler global velocimetry. , 1995, , .		3
185	<title>Speckle interferometry: optoelectronic developments and applications</title> . , 1999, , .		3
186	<title>Surface strain characterization using time-division-multiplexed 3D shearography</title> . , 2000, , .		3
187	Instantaneous two-camera three-dimensional planar Doppler velocimetry using imaging fiber bundles. , 2001, , .		3
188	Coherent fibre bundles in full-field swept-source OCT. , 2009, , .		3
189	Field monitoring of static, dynamic, and statnamic pile loading tests using fibre Bragg grating strain sensors. Proceedings of SPIE, 2009, , .	0.8	3
190	Refractive index sensitivity of fibre optic long period gratings with SiO 2 nanoparticle based mesoporous coatings. Proceedings of SPIE, 2011, , .	0.8	3
191	Toward track component condition monitoring using optical fibre Bragg grating sensors. , 2012, , .		3
192	Optical Fibre Long-Period Gratings Functionalised with Nano-Assembled Thin Films: Approaches to Chemical Sensing. , 2013, , .		3
193	Sensitive protein detection using an optical fibre long period grating sensor anchored with silica core gold shell nanoparticles. Proceedings of SPIE, 2014, , .	0.8	3
194	Quantum cascade laser light propagation through hollow silica waveguides. Applied Physics B: Lasers and Optics, 2015, 119, 75-86.	2.2	3
195	Editorial for the special feature on Advanced In-flight Measurement Techniques AIM2. Measurement Science and Technology, 2017, 28, 040101.	2.6	3
196	Speckle tracking approaches in speckle sensing. Proceedings of SPIE, 2017, , .	0.8	3
197	Performance and Analysis of Feature Tracking Approaches in Laser Speckle Instrumentation. Sensors, 2019, 19, 2389.	3.8	3
198	Optical Fiber Bragg Grating Based Pressure Sensor Using a Composite Diaphragm For Pressure		3

Measurements. , 2019, , .

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