

Stephen W James

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164
papers

4,300
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34
h-index

61
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211
ext. papers

5,122
ext. citations

3.1
avg, IF

5.5
L-index

#	Paper	IF	Citations
164	Optical fibre long-period grating sensors: characteristics and application. <i>Measurement Science and Technology</i> , 2003 , 14, R49-R61	2	789
163	Simultaneous independent temperature and strain measurement using in-fibre Bragg grating sensors. <i>Electronics Letters</i> , 1996 , 32, 1133	1.1	230
162	Fiber-optic liquid-level sensor using a long-period grating. <i>Optics Letters</i> , 2001 , 26, 1224-6	3	200
161	Optical fiber long-period gratings with Langmuir-Blodgett thin-film overlays. <i>Optics Letters</i> , 2002 , 27, 686-8	3	195
160	A single-headed fibre optic laser Doppler anemometer probe for the measurement of flow angles. <i>Measurement Science and Technology</i> , 2004 , 15, 1-8	2	150
159	Temperature and strain discrimination using a single tilted fibre Bragg grating. <i>Optics Communications</i> , 2007 , 275, 344-347	2	100
158	Simultaneous temperature and bend sensing with long-period fiber gratings. <i>Optics Letters</i> , 2000 , 25, 1007-9	3	96
157	Biomedical application of optical fibre sensors. <i>Journal of Optics (United Kingdom)</i> , 2018 , 20, 073003	1.7	80
156	Fibre Bragg gratings fabricated using a wavelength tuneable laser source and a phase mask based interferometer. <i>Measurement Science and Technology</i> , 1996 , 7, 445-448	2	72
155	Characterization of the response of fibre Bragg gratings fabricated in stress and geometrically induced high birefringence fibres to temperature and transverse load. <i>Smart Materials and Structures</i> , 2004 , 13, 888-895	3.4	68
154	Optical fibre long period grating with a nanoporous coating formed from silica nanoparticles for ammonia sensing in water. <i>Materials Chemistry and Physics</i> , 2012 , 133, 784-792	4.4	64
153	Optical fibre long period grating based selective vapour sensing of volatile organic compounds. <i>Sensors and Actuators B: Chemical</i> , 2010 , 143, 629-634	8.5	64
152	Modification of the refractive index response of long period gratings using thin film overlays. <i>Sensors and Actuators B: Chemical</i> , 2005 , 107, 738-741	8.5	63
151	Fibre optic sensors with nano-structured coatings. <i>Journal of Optics</i> , 2006 , 8, S430-S444		58
150	Enhanced sensitivity fibre optic long period grating temperature sensor. <i>Measurement Science and Technology</i> , 2002 , 13, 792-795	2	58
149	Response of fiber-optic long-period gratings operating near the phase-matching turning point to the deposition of nanostructured coatings. <i>Journal of the Optical Society of America B: Optical Physics</i> , 2008 , 25, 897	1.7	56
148	Tapered Optical Fibre Sensors: Current Trends and Future Perspectives. <i>Sensors</i> , 2019 , 19,	3.8	55

147	Multi-parameter measurements using optical fibre long period gratings for indoor air quality monitoring. <i>Sensors and Actuators B: Chemical</i> , 2017 , 244, 217-225	8.5	54
146	Photorefractive planar waveguides in BaTiO ₃ fabricated by ion-beam implantation. <i>Optics Letters</i> , 1992 , 17, 1509	3	53
145	An ammonia sensor based on Lossy Mode Resonances on a tapered optical fibre coated with porphyrin-incorporated titanium dioxide. <i>Sensors and Actuators B: Chemical</i> , 2017 , 242, 645-652	8.5	51
144	Optical fibre long period grating gas sensor modified with metal organic framework thin films. <i>Sensors and Actuators B: Chemical</i> , 2015 , 221, 891-899	8.5	51
143	Fiber optic long period grating sensors with a nanoassembled mesoporous film of SiO ₂ nanoparticles. <i>Optics Express</i> , 2010 , 18, 13227-38	3.3	47
142	Selective vancomycin detection using optical fibre long period gratings functionalised with molecularly imprinted polymer nanoparticles. <i>Analyst, The</i> , 2014 , 139, 2229-36	5	46
141	pH sensor using Langmuir-Blodgett overlays on polished optical fibers. <i>Optics Letters</i> , 1997 , 22, 567-9	3	45
140	Strain response of fibre Bragg grating sensors at cryogenic temperatures. <i>Measurement Science and Technology</i> , 2002 , 13, 1535-1539	2	43
139	Relating the state of cure to the real-time internal strain development in a curing composite using in-fibre Bragg gratings and dielectric sensors. <i>Measurement Science and Technology</i> , 1998 , 9, 1153-1158	2	43
138	A long period grating optical fiber sensor with nano-assembled porphyrin layers for detecting ammonia gas. <i>Sensors and Actuators B: Chemical</i> , 2016 , 228, 573-580	8.5	42
137	Highly sensitive optical fibre long period grating biosensor anchored with silica core gold shell nanoparticles. <i>Biosensors and Bioelectronics</i> , 2016 , 75, 222-31	11.8	41
136	Fabrication and optimisation of a fused filament 3D-printed microfluidic platform. <i>Journal of Micromechanics and Microengineering</i> , 2017 , 27, 035018	2	38
135	Refractive index sensitivity of fibre-optic long period gratings coated with SiO ₂ nanoparticle mesoporous thin films. <i>Measurement Science and Technology</i> , 2011 , 22, 075208	2	38
134	Strain development in curing epoxy resin and glass fibre/epoxy composites monitored by fibre Bragg grating sensors in birefringent optical fibre. <i>Smart Materials and Structures</i> , 2005 , 14, 354-362	3.4	37
133	A polarization-maintaining fibre Bragg grating interrogation system for multi-axis strain sensing. <i>Measurement Science and Technology</i> , 2002 , 13, 1446-1449	2	37
132	Optical fiber long period grating sensor with a polyelectrolyte alternate thin film for gas sensing of amine odors. <i>Sensors and Actuators B: Chemical</i> , 2013 , 185, 117-124	8.5	35
131	Fabrication of fiber optic long period gratings operating at the phase matching turning point using an ultraviolet laser. <i>Applied Optics</i> , 2014 , 53, 4669-74	1.7	34
130	A long period grating-based chemical sensor insensitive to the influence of interfering parameters. <i>Optics Express</i> , 2014 , 22, 8012-23	3.3	34

129	Cryogenic temperature response of fibre optic long period gratings. <i>Measurement Science and Technology</i> , 2003 , 14, 1409-1411	2	34
128	Long period grating based toluene sensor for use with water contamination. <i>Sensors and Actuators B: Chemical</i> , 2014 , 203, 621-625	8.5	32
127	Cascaded long-period gratings with nanostructured coatings. <i>Optics Letters</i> , 2005 , 30, 2197-9	3	32
126	Optical fibre grating refractometers for resin cure monitoring. <i>Journal of Optics</i> , 2007 , 9, S60-S65		31
125	Surface strain measurement: a comparison of speckle shearing interferometry and optical fibre Bragg gratings with resistance foil strain gauges. <i>Measurement Science and Technology</i> , 2007 , 18, 1175-1184	1.1	30
124	Multiplexing of Fiber-Optic Long-Period Grating-Based Interferometric Sensors. <i>Journal of Lightwave Technology</i> , 2007 , 25, 825-829	4	30
123	Shape and slope measurement by source displacement in shearography. <i>Optics and Lasers in Engineering</i> , 2004 , 41, 621-634	4.6	29
122	Optical fibre laser velocimetry: a review. <i>Measurement Science and Technology</i> , 2012 , 23, 032001	2	28
121	Thermal dependence of the strain response of optical fibre Bragg gratings. <i>Measurement Science and Technology</i> , 2004 , 15, 1607-1613	2	28
120	Pronounced aromatic carboxylic acid detection using a layer-by-layer mesoporous coating on optical fibre long period grating. <i>Sensors and Actuators B: Chemical</i> , 2012 , 173, 300-309	8.5	26
119	Time-division-multiplexed interrogation of fibre Bragg grating sensors using laser diodes. <i>Measurement Science and Technology</i> , 2001 , 12, 181-187	2	25
118	Fiber-optic chemical sensing with langmuir-blodgett overlay waveguides. <i>Applied Optics</i> , 1999 , 38, 7370-7374	4.7	24
117	Automated manufacture of 3D reinforced aerospace composite structures. <i>International Journal of Structural Integrity</i> , 2012 , 3, 22-40	1	23
116	Railway track component condition monitoring using optical fibre Bragg grating sensors. <i>Measurement Science and Technology</i> , 2016 , 27, 055201	2	23
115	Tuneable and switchable dual wavelength lasers using optical fibre Bragg grating external cavities. <i>Electronics Letters</i> , 2002 , 38, 1033	1.1	22
114	Development and application of optical fibre strain and pressure sensors for in-flight measurements. <i>Measurement Science and Technology</i> , 2016 , 27, 104001	2	22
113	Surface strain measurement using multi-component shearography with coherent fibre-optic imaging bundles. <i>Measurement Science and Technology</i> , 2007 , 18, 3583-3591	2	21
112	Surface strain measurement of rotating objects using pulsed laser shearography with coherent fibre-optic imaging bundles. <i>Measurement Science and Technology</i> , 2008 , 19, 105301	2	19

111	Polarization-multiplexed and phase-stepped fibre optic shearography using laser wavelength modulation. <i>Measurement Science and Technology</i> , 2000 , 11, 1389-1395	2	19
110	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. <i>Optics Express</i> , 2007 , 15, 13096-107	3.3	17
109	BaTiO ₃ waveguide self-pumped phase conjugator. <i>Optics Letters</i> , 1993 , 18, 1138	3	17
108	[INVITED] Porphyrin-nanoassembled fiber-optic gas sensor fabrication: Optimization of parameters for sensitive ammonia gas detection. <i>Optics and Laser Technology</i> , 2018 , 101, 1-10	4.2	17
107	Volatile Organic Compounds Sensing Using Optical Fibre Long Period Grating with Mesoporous Nano-Scale Coating. <i>Sensors</i> , 2017 , 17,	3.8	16
106	Optical Gas Sensor Fabrication Based on Porphyrin-Anchored Electrostatic Self-Assembly onto Tapered Optical Fibers. <i>Analytical Letters</i> , 2012 , 45, 1297-1309	2.2	16
105	Monitoring cure in epoxies containing carbon nanotubes with an optical-fiber Fresnel refractometer. <i>Journal of Applied Polymer Science</i> , 2009 , 113, 730-735	2.9	16
104	A pressure sensor based upon the transverse loading of a sub-section of an optical fibre Bragg grating. <i>Measurement Science and Technology</i> , 2007 , 18, 3103-3110	2	16
103	Dynamic Fiber-Optic Shape Sensing Using Fiber Segment Interferometry. <i>Journal of Lightwave Technology</i> , 2018 , 36, 917-925	4	15
102	Fibre Bragg grating based effective soil pressure sensor for geotechnical applications 2009 ,		15
101	Sensitivity Enhancement in Low Cutoff Wavelength Long-Period Fiber Gratings by Cladding Diameter Reduction. <i>Sensors</i> , 2017 , 17,	3.8	14
100	Time-division-multiplexed 3D shearography 1999 ,		14
99	Fibre optic based reference beam laser Doppler velocimetry. <i>Optics Communications</i> , 1995 , 119, 460-464		14
98	A Novel Ammonia Gas Sensor Using a Nanoassembled Polyelectrolyte Thin Film on Fiber-optic Long-period Gratings. <i>Chemistry Letters</i> , 2012 , 41, 1297-1299	1.7	13
97	Response of the transmission spectrum of tapered optical fibres to the deposition of a nanostructured coating. <i>Measurement Science and Technology</i> , 2009 , 20, 034001	2	13
96	The influence of hydrogen loading and the fabrication process on the mechanical strength of optical fibre Bragg gratings. <i>Optical Materials</i> , 2002 , 20, 241-251	3.3	13
95	Single-axis combined shearography and digital speckle photography instrument for full surface strain characterization. <i>Optical Engineering</i> , 2005 , 44, 025602	1.1	13
94	Observation and modeling of dynamic instabilities in the mutually pumped bird-wing phase conjugator in BaTiO ₃ . <i>Journal of the Optical Society of America B: Optical Physics</i> , 1990 , 7, 2294	1.7	13

93	Dissolved Oxygen Sensing Using an Optical Fiber Long Period Grating Coated With Hemoglobin. <i>Journal of Lightwave Technology</i> , 2016 , 34, 4506-4510	4	12
92	Design considerations for a three dimensional fiber optic laser Doppler velocimeter for turbomachinery applications. <i>Review of Scientific Instruments</i> , 1997 , 68, 3241-3246	1.7	12
91	Submicrometer fiber-optic Fabry-Perot interferometer formed by use of the Langmuir-Blodgett technique. <i>Optics Letters</i> , 2001 , 26, 1840-2	3	11
90	Monitoring techniques for the manufacture of tapered optical fibers. <i>Applied Optics</i> , 2015 , 54, 8531-6	0.2	10
89	Multi-component strain development in superconducting magnet coils monitored using fibre Bragg grating sensors fabricated in highly linearly birefringent fibre. <i>Smart Materials and Structures</i> , 2011 , 20, 125004	3.4	10
88	Pressure measurements on aircraft wing using phase-shifted fibre Bragg grating sensors 2009 ,		10
87	Monitoring transient strains on a gun barrel using fibre Bragg-grating sensors. <i>Measurement Science and Technology</i> , 1999 , 10, 63-67	2	10
86	Overwrite fabrication and tuning of long period gratings. <i>Optics Express</i> , 2016 , 24, 22345-22356	3.3	10
85	Fiber Segment Interferometry for Dynamic Strain Measurements. <i>Journal of Lightwave Technology</i> , 2016 , 34, 4620-4626	4	9
84	Enhanced sensitivity fibre Bragg grating (FBG) load sensor. <i>Measurement Science and Technology</i> , 2010 , 21, 094006	2	9
83	A simple and wavelength-flexible procedure for fabricating phase-shifted fibre Bragg gratings. <i>Measurement Science and Technology</i> , 2010 , 21, 094001	2	9
82	Pipe Weld Investigation using Shearography. <i>Strain</i> , 2003 , 39, 101-105	1.7	9
81	Second-harmonic generation in Langmuir Blodgett waveguide overlays on single-mode optical fiber. <i>Optics Letters</i> , 1999 , 24, 1194-6	3	9
80	Optical low-coherence tomography of bronchial tissue 1999 ,		9
79	Novel Highly Sensitive Protein Sensors Based on Tapered Optical Fibres Modified with Au-Based Nanocoatings. <i>Journal of Sensors</i> , 2016 , 2016, 1-11	2	9
78	Full surface strain measurement using shearography 2001 , 4448, 142		8
77	Extraordinary-polarized light does not always yield the highest reflectivity in self-pumped BaTiO(3). <i>Optics Letters</i> , 1991 , 16, 633-5	3	8
76	In-situ Curing Strain Monitoring of a Flat Plate Residual Stress Specimen Using a Chopped Stand Mat Glass/Epoxy Composite as Test Material. <i>Applied Composite Materials</i> , 2015 , 22, 805-822	2	7

75	Application Issues Using Fibre Bragg Gratings as Strain Sensors in Fibre Composites. <i>Strain</i> , 2000 , 36, 143-150	1.7	7
74	Photorefractive volume holographic demodulation of in-fiber Bragg grating sensors. <i>IEEE Photonics Technology Letters</i> , 1996 , 8, 664-666	2.2	7
73	On-line monitoring of multi-component strain development in a tufting needle using optical fibre Bragg grating sensors. <i>Smart Materials and Structures</i> , 2014 , 23, 075001	3.4	6
72	Properties of Length-Apodized Phase-Shifted LPGs Operating at the Phase Matching Turning Point. <i>Journal of Lightwave Technology</i> , 2012 , 30, 2203-2209	4	6
71	A polarization-based optical fibre vibrometer. <i>Measurement Science and Technology</i> , 1997 , 8, 343-347	2	6
70	Multicomponent shearography employing four measurements channels 2003 , 4933, 135		6
69	Shadow Moiré method for the determination of the source position in three-dimensional shearography. <i>Optics and Lasers in Engineering</i> , 2001 , 36, 317-329	4.6	6
68	Waveguide mutually pumped phase conjugators. <i>Applied Optics</i> , 1993 , 32, 5299-301	1.7	6
67	Intensity-dependent thresholding and switching in the photorefractive bridge mutually pumped phase conjugator. <i>Optics Letters</i> , 1991 , 16, 551-3	3	6
66	All-optical switching based on optical fibre long period gratings modified bacteriorhodopsin. <i>Optics and Laser Technology</i> , 2018 , 101, 162-171	4.2	5
65	Identification and quality assessment of beverages using a long period grating fibre-optic sensor modified with a mesoporous thin film. <i>Sensing and Bio-Sensing Research</i> , 2014 , 1, 26-33	3.3	5
64	Fibre-Optic Chemical Sensor Approaches Based on Nanoassembled Thin Films: A Challenge to Future Sensor Technology 2013 ,		5
63	A fibre Bragg grating-based inclinometer system for ground movement measurement 2010 ,		5
62	High sensitivity pressure measurement using optical fibre sensors mounted on a composite diaphragm. <i>Optics Express</i> , 2021 , 29, 4105-4123	3.3	5
61	Production process monitoring and post-production strain measurement on a full-size carbon-fibre composite aircraft tail cone assembly using embedded optical fibre sensors. <i>Measurement Science and Technology</i> , 2020 , 31, 105204	2	4
60	Modifying monolayer behaviour by incorporating subphase additives and improving Langmuir-Blodgett thin film deposition on optical fibres. <i>Materials Chemistry and Physics</i> , 2014 , 144, 179-185	4.4	4
59	Resin Directional Flow and Degree of Cure Sensing Using Chirped Optical Fiber Long Period Gratings. <i>IEEE Sensors Journal</i> , 2017 , 17, 6605-6614	4	4
58	Multiplexed fibre optic sensors for monitoring resin infusion, flow, and cure in composite material processing 2013 ,		4

57	Multiplexing a serial array of tapered optical fibre sensors using coherent optical frequency domain reflectometry. <i>Measurement Science and Technology</i> , 2012 , 23, 105203	2	4
56	A simple method for fabricating phase-shifted fibre Bragg gratings with flexible choice of centre wavelength 2009 ,		4
55	Ammonia sensing using a fibre optic long period grating with a porous nanostructured coating formed from silica nanospheres 2010 ,		4
54	Influence of process route on mechanical and sensing performance of fiber Bragg grating optical sensors 1999 ,		4
53	Editorial for the special feature on Advanced In-flight Measurement Techniques AIM2. <i>Measurement Science and Technology</i> , 2017 , 28, 040101	2	3
52	Development of the Cranfield University Bulldog flight test facility. <i>Aeronautical Journal</i> , 2017 , 121, 533-552	5	3
51	Long Period Grating Based Fibre Optic Chemical Sensors. <i>Smart Sensors, Measurement and Instrumentation</i> , 2017 , 241-267	0.3	3
50	Simultaneous laser vibrometry on multiple surfaces with a single beam system using range-resolved interferometry 2015 ,		3
49	Frequency division multiplexing for interferometric planar Doppler velocimetry. <i>Applied Optics</i> , 2014 , 53, 4363-74	1.7	3
48	Sensitive protein detection using an optical fibre long period grating sensor anchored with silica core gold shell nanoparticles 2014 ,		3
47	Simultaneous independent measurement of temperature and strain using a tilted fibre Bragg grating 2007 ,		3
46	AFM observation of surface topography of fibre Bragg gratings fabricated in germaniumBoron codoped fibres and hydrogen-loaded fibres. <i>Optical Materials</i> , 2002 , 20, 283-294	3.3	3
45	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		3
44	Bend sensing in structures using long-period optical fiber gratings 2000 , 4073, 311		3
43	A technique for depositing non-centrosymmetric Langmuir-Blodgett films onto optical fibres. <i>Measurement Science and Technology</i> , 1999 , 10, N60-N62	2	3
42	3D shearography for surface strain analysis 1999 , 3783, 247		3
41	Detection of the volatile organic compounds emitted from paints using optical fibre long period grating modified with the mesoporous nano-scale coating 2015 ,		2
40	Interrogation of fibre Bragg gratings through a fibre optic rotary joint on a geotechnical centrifuge 2016 ,		2

39	Optical Fibre Long-Period Gratings Functionalised with Nano-Assembled Thin Films: Approaches to Chemical Sensing 2013 ,		2
38	Wind tunnel unsteady pressure measurements using a differential optical fiber Fabry-Perot pressure sensor 2014 ,		2
37	On-axis laser doppler velocimetry for turbomachinery applications using optical fiber techniques 1997 , 3172, 17		2
36	Fabrication of highly efficient fibre-optic gas sensors using SiO ₂ /polymer nanoporous thin films 2008 ,		2
35	Multicomponent shearography using optical fiber imaging-bundles 2003 ,		2
34	Multi-component pulsed-laser shearography using optical fiber imaging-bundles 2003 ,		2
33	Multicomponent laser shearography for the investigation of defects in rotating machinery 2004 , 5457, 546		2
32	Cascaded long period gratings with nano-structured coatings 2005 ,		2
31	Strain measurement in curved industrial components using multicomponent shearography 2001 , 4398, 216		2
30	Transient strain monitoring on a gun barrel using optical fiber Bragg grating sensors 1998 ,		2
29	Polarization-multiplexed and phase-stepped fiber optic shearography using laser wavelength modulation 1999 , 3745, 149		2
28	Transmission line method for the simulation of fiber Bragg gratings. <i>Applied Optics</i> , 2019 , 58, 353-360	1.7	2
27	Long-period grating fiber-optic sensors exploiting molecularly imprinted TiO nanothin films with photocatalytic self-cleaning ability. <i>Mikrochimica Acta</i> , 2020 , 187, 663	5.8	2
26	Biomedical application of optical fibre sensors 2017 ,		1
25	Monitoring the fabrication of tapered optical fibres 2017 ,		1
24	Soil moisture content measurement using optical fiber long period gratings 2017 ,		1
23	Measurements of endotracheal tube cuff contact pressure using fibre Bragg gratings 2015 ,		1
22	The effect of UV irradiation duty cycle on the 2nd harmonic coupling efficiency in optical fiber long period gratings. <i>Optics and Laser Technology</i> , 2019 , 109, 227-232	4.2	1

21	Multi-parameter measurements using optical fibre long period gratings for indoor air quality monitoring 2017 ,			1
20	Fibre optic long period grating sensor for campylobacter jejuni detection 2017 ,			1
19	Photodecomposition of a target compound detected using an optical fibre long period grating coated with a molecularly imprinted titania thin film 2015 ,			1
18	Transverse strain response of in-fibre Fabry-Perot microcavities 2014 ,			1
17	Frequency-division multiplexing for multicomponent shearography. <i>Applied Optics</i> , 2013 , 52, 350-8	1.7		1
16	Multicomponent strain development in superconducting magnet coils using optical fibre grating sensors fabricated in highly linearly birefringent fibre 2009 ,			1
15	Deposition of SiO ₂ /polymer nanoporous thin films on long-period grating (LPG) optical fibres and dramatic enhancement of the resonance bands 2008 ,			1
14	Cure monitoring of a UV cured epoxy resin using a long period grating Mach-Zehnder interferometer 2007 ,			1
13	Comparison of shearography and optical fibre Bragg grating strain sensors with resistance foil strain gauge measurements 2005 ,			1
12	Impact detection in carbon fiber reinforced polymer composites using in-fiber Bragg gratings 1998 , 3479, 192			1
11	3D fiber optic laser Doppler velocimetry 1996 ,			1
10	Phase-conjugate fluorozirconate fiber laser operating at 800 nm. <i>Optics Letters</i> , 1992 , 17, 1676-8	3		1
9	Logarithmic output from cascaded two-beam coupling interactions in photorefractive crystals. <i>Applied Optics</i> , 1990 , 29, 3362-4	1.7		1
8	Investigation of the fringe order in multi-component shearography surface strain measurement 2006 , 212-216			1
7	Highly sensitive contact pressure measurements using FBG patch in endotracheal tube cuff 2016 ,			1
6	Optimized Process for Fabricating Ultrashort Tapered Long-Period Gratings. <i>Journal of Lightwave Technology</i> , 2018 , 36, 1091-1096	4		1
5	Application of fibre optic sensing systems to measure rotor blade structural dynamics. <i>Mechanical Systems and Signal Processing</i> , 2021 , 158, 107758	7.8		1
4	Electromagnetic field controlled domain wall displacement for induced strain tailoring in BaTiO-epoxy nanocomposite.. <i>Scientific Reports</i> , 2022 , 12, 7504	4.9		0

- 3 The effect of surface pressure modification on the speed of vortex rings. *Fluid Dynamics Research*, **2014**, 46, 055503 1.2
- 2 Fiber optic pH sensors using thin-film Langmuir-Blodgett overlay waveguides on single-mode optical fibers **1997**, 3133, 264
- 1 Demodulation of in-fiber Bragg grating sensors using volume holograms **1996**, 2838, 52