Gang-Ding Peng

List of Publications by Year in Descending Order

331 papers	4,012 citations	30 h-index	48 g-index
433 ext. papers	5,030 ext. citations	3 avg, IF	5.59 L-index

#	Paper	IF	Citations
331	Annealing Effects on Optical Losses in 3D-Printed Silica Fiber. *IEEE Photonics Technology Letters*, **2022**, 34, 199-202	2.2	0
330	Compact Tri-FFPI sensor for measurement of ultrahigh temperature, vibration acceleration, and strain.. *Optics Express*, **2022**, 30, 5953-5972	3.3	0
329	Influence of ring structures on luminescence properties of trivalent cerium in Ge-doped silica optical fiber. *Journal of Non-Crystalline Solids*, **2022**, 576, 121251	3.9	0
328	Additive Manufacturing Fiber Preforms for Structured Silica Fibers with Bismuth and Erbium Dopants. *Light Advanced Manufacturing*, **2022**, 3, 1	1	1
327	Optical Fiber-Integrated Metasurfaces: An Emerging Platform for Multiple Optical Applications.. *Nanomaterials*, **2022**, 12,	5.4	4
326	Correction to Broadband Light Amplitude Tuning Characteristics of SnSe2 Coated Microfiber. *Journal of Lightwave Technology*, **2022**, 1-1	4	
325	Finger Bending Sensing Based on Series-Connected Fiber Bragg Gratings. *Materials*, **2022**, 15, 3472	3.5	
324	Non-Intrusive Pipeline Flow Detection Based on Distributed Fiber Turbulent Vibration Sensing. *Sensors*, **2022**, 22, 4044	3.8	1
323	Effects of Gamma and Electron Beam Irradiation on FBG and DFB-FL. *Journal of Physics: Conference Series*, **2021**, 2112, 012005	0.3	2
322	Characterization of YAG:Ce phosphor dosimeter by the co-precipitation method for radiotherapy. *Applied Optics*, **2021**, 60, 3044-3048	1.7	2
321	Pressure Effects on Structured Optical Fibre Drawing by Modified Single-Capillary Modelling. *Optical Fiber Technology*, **2021**, 63, 102528	2.4	1
320	Co-doping effect of lead or erbium upon the spectroscopic properties of bismuth doped optical fibres. *Journal of Luminescence*, **2021**, 230, 117726	3.8	2
319	. *Journal of Lightwave Technology*, **2021**, 39, 1523-1529	4	4
318	Spectroscopy of Pb/Bi co-doped silica optical fibers fabricated via atom layer deposition with modified chemical vapour deposition. *Journal of Luminescence*, **2021**, 231, 117768	3.8	3
317	A sequentially bioconjugated optofluidic laser for wash-out-free and rapid biomolecular detection. *Lab on A Chip*, **2021**, 21, 1686-1693	7.2	3
316	Design and Analysis of a Combined FBG Sensor for the Measurement of Three Parameters. *IEEE Transactions on Instrumentation and Measurement*, **2021**, 70, 1-10	5.2	3
315	Thermal Stability of Type II Modifications Inscribed by Femtosecond Laser in a Fiber Drawn from a 3D Printed Preform. *Applied Sciences (Switzerland)*, **2021**, 11, 600	2.6	2

314	Joint-peaks demodulation method based on multireflection peaks of a few-mode fiber Bragg grating for reducing sensing error. *Optics Express*, **2021**, 29, 4422-4430	3.3	1
313	Impact of Thermal Quenching on Bi Active Center Photostability in Bi/Er Co-Doped Fiber. *IEEE Photonics Technology Letters*, **2021**, 33, 167-170	2.2	1
312	Endless Single-Mode Photonics Crystal Fiber Metalens for Broadband and Efficient Focusing in Near-Infrared Range. *Micromachines*, **2021**, 12,	3.3	2
311	Dosimeter Based on YAG: Ce Phosphor via Sol-Gel Method for Online X-ray Radiation Monitoring. *Crystals*, **2021**, 11, 1567	2.3	1
310	Femtosecond laser direct writing in SiO2-Al2O3 binary glasses and thermal stability of Type II permanent modifications. *Journal of the American Ceramic Society*, **2020**, 103, 4286-4294	3.8	9
309	Experimental Study on Brillouin Erbium Fiber Laser: Configuration and Characteristics. *Journal of Russian Laser Research*, **2020**, 41, 250-257	0.7	
308	Nanomaterial-Enhanced Fiber Optofluidic Laser Biosensor for Sensitive Enzyme Detection. *Journal of Lightwave Technology*, **2020**, 38, 5205-5211	4	6
307	Geometric and optical properties of Bi/Er co-doped silica optical fiber. *Optical Materials*, **2020**, 107, 110030	3.9	2
306	A Comparative Study of Thermal Impact on Erbium Doped Distributed Feedback Fiber Laser Output Power. *IEEE Photonics Journal*, **2020**, 12, 1-9	1.8	1
305	Quantitative Measurement of □-Ray and e-Beam Effects on Fiber Rayleigh Scattering Coefficient. *Photonic Sensors*, **2020**, 11, 298	2.3	
304	Broadband Light Amplitude Tuning Characteristics of SnSe2 Coated Microfiber. *Journal of Lightwave Technology*, **2020**, 38, 6089-6096	4	3
303	Toward optical fibre fabrication using 3D printing technology. *Optical Fiber Technology*, **2020**, 58, 102299	2.4	20
302	Thermal Stability of Modifications by IR Femtosecond Laser in Silica-based Glasses. *Sensors*, **2020**, 20,	3.8	8
301	Mass production of thin-walled hollow optical fibers enables disposable optofluidic laser immunosensors. *Lab on A Chip*, **2020**, 20, 923-930	7.2	14
300	Remote actuation of light activated shape memory polymers via D-shaped optical fibres. *Smart Materials and Structures*, **2020**, 29, 047001	3.4	7
299	Improved scintillating properties in Ce:YAG derived silica fiber with the reduction from Ce4+ to Ce3+ ions. *Journal of Luminescence*, **2020**, 221, 117063	3.8	12
298	Seed-injected, actively Q-switched fiber ring laser using an AOM of zero-order transmission. *Optics Communications*, **2020**, 467, 125747	2	2
297	Refractive index sensor based on multimode interference in a twin-hole fiber. *Optical Engineering*, **2020**, 59,	1.1	1

296	Dynamics study of thermal activation of BAC-Si in bismuth/erbium-codoped optical fiber. *Optics Letters*, **2020**, 45, 571	3	2
295	Photo-induced bleaching and thermally stimulated recovery of BAC-P in Bi-doped phosphosilicate fibers. *Optics Letters*, **2020**, 45, 5389-5392	3	2
294	Enhancement of lifetime in Er-doped silica optical fiber by doping Yb ions via atomic layer deposition. *Optical Materials Express*, **2020**, 10, 397	2.6	4
293	Thermal-induced luminescence enhancement of BAC-P in bismuth-doped phosphogermanosilicate fibers. *Optics Letters*, **2020**, 45, 1152-1155	3	4
292	Impact of AlO doping on Bi active center photobleaching in Bi/Er-codoped fibers. *Optics Letters*, **2020**, 45, 4016-4019	3	2
291	Helical distributed feedback fiber Bragg gratings and rocking filters in a 3D printed preform-drawn fiber. *Optics Letters*, **2020**, 45, 5444-5447	3	3
290	Influence of liquid nitrogen cooling on the spectral performance of BAC-P in bismuth-doped phosphosilicate fibers under liquid nitrogen temperature. *Optical Materials Express*, **2020**, 10, 3235	2.6	0
289	Thermal bleaching of BACs in bismuth/erbium co-doped fiber fabricated through 3D silica lithography. *Optics Letters*, **2020**, 45, 3729-3732	3	1
288	Conversion Mechanism From Trivalent Bismuth to Bivalent Bismuth Defect Center in Bi-Doped Silica Optical Fiber. *IEEE Journal of Selected Topics in Quantum Electronics*, **2020**, 26, 1-6	3.8	5
287	A multi-point voltage sensing system based on PZT and FBG. *International Journal of Electrical Power and Energy Systems*, **2020**, 117, 105607	5.1	7
286	DC-Biased Optofluidic Biolaser for Uric Acid Detection. *Journal of Lightwave Technology*, **2020**, 38, 1557-1563	4	3
285	Birefringence Measurement by Expandable Polarization Interference Method. *Journal of Lightwave Technology*, **2020**, 38, 834-839	4	
284	Polymer-Coated Hollow Fiber Optofluidic Laser for Refractive Index Sensing. *Journal of Lightwave Technology*, **2020**, 38, 1550-1556	4	5
283	Side-Polished Single-Mode-Multimode-Single-Mode Fiber Structure for the Vector Magnetic Field Sensing. *Journal of Lightwave Technology*, **2020**, 38, 5837-5843	4	16
282	Luminescence characterizations of YAG:Ce crystal via sol-gel method for radiotherapy. *Optical Materials*, **2020**, 109, 110297	3.3	5
281	Design and fabrication of amoeba faced photonic crystal fiber for biosensing application. *Sensors and Actuators A: Physical*, **2020**, 313, 112204	3.9	15
280	Pump-induced photobleaching and thermal dependent recovery of BAC-Si in Bi/Er co-doped optical fiber by 830 nm laser irradiation. *Optics Communications*, **2020**, 476, 126319	2	
279	Ionizing Radiation Effect upon Er/Yb Co-Doped Fibre Made by In-Situ Nano Solution Doping. *Journal of Lightwave Technology*, **2020**, 38, 6334-6344	4	0

278	Real-Time Monitoring of Wind-Induced Vibration of High-Voltage Transmission Tower Using an Optical Fiber Sensing System. *IEEE Transactions on Instrumentation and Measurement*, **2020**, 69, 268-274	5.2	11
277	Highly Sensitive Refractive Index Sensor Based on an In-Fiber Droplet-Shape Air-Cavity. *IEEE Photonics Technology Letters*, **2019**, 31, 1347-1350	2.2	6
276	Electronic and luminescence characteristics of Bi/Al co-doped silica optical fiber. *Modern Physics Letters B*, **2019**, 33, 1950325	1.6	0
275	Spectroscopic study of the radiation hardening of bismuth/erbium co-doped optical fiber (BEDF) by hydrogen loading. *Optical Materials*, **2019**, 95, 109246	3.3	1
274	Discussion on the sensitivity of optical cables based on distributed acoustic sensing. *Optical Review*, **2019**, 26, 659-663	0.9	2
273	Design and Analysis of a Combined Strain-Vibration-Temperature Sensor with Two Fiber Bragg Gratings and a Trapezoidal Beam. *Sensors*, **2019**, 19,	3.8	7
272	Observing the Viscous Relaxation Process of Silica Optical Fiber at ~1000 °C Using Regenerated Fiber Bragg Grating. *Sensors*, **2019**, 19,	3.8	1
271	Optical Fiber Microfluidic Sensors Based on Opto-physical Effects **2019**, 1-35		
270	Electronic and optical properties of Ge-doped silica optical fiber. *Modern Physics Letters B*, **2019**, 33, 1950150	1.6	1
269	Turbidimetric inhibition immunoassay revisited to enhance its sensitivity via an optofluidic laser. *Biosensors and Bioelectronics*, **2019**, 131, 60-66	11.8	41
268	Highly Reproducible, Isotropic Optofluidic Laser Based on Hollow Optical Fiber. *IEEE Journal of Selected Topics in Quantum Electronics*, **2019**, 25, 1-6	3.8	5
267	Dilute Bismuth Optical Fibers. *Springer Series in Materials Science*, **2019**, 381-395	0.9	
266	Temperature-compensated magnetic field sensing with a dual-ring structure consisting of microfiber coupler-Sagnac loop and fiber Bragg grating-assisted resonant cavity. *Applied Optics*, **2019**, 58, 2334-2339	1.7	8
265	Ultra-wideband and flat-gain optical properties of the PbS quantum dots-doped silica fiber. *Optics Express*, **2019**, 27, 37900-37909	3.3	7
264	BAC activation by thermal quenching in bismuth/erbium codoped fiber. *Optics Letters*, **2019**, 44, 1872-1875	3	13
263	Effect of thermal treatment parameters on the spectral characteristics of BAC-Al in bismuth/erbium-codoped aluminosilicate fibers. *Optics Letters*, **2019**, 44, 4594-4597	3	5
262	Thermally aggravated photo-bleaching of BAC-Al in bismuth/erbium co-doped optical fiber. *Optics Letters*, **2019**, 44, 4829-4832	3	6
261	Silica optical fiber drawn from 3D printed preforms. *Optics Letters*, **2019**, 44, 5358-5361	3	28

260	Effects of quenching and cooling upon near infrared luminescence of Bi/Er co-doped optical fiber. *Optical Materials Express*, **2019**, 9, 3156	2.6	3
259	Spectroscopic properties of bismuth/erbium co-doped fiber at room temperature and liquid nitrogen temperature. *Optical Materials Express*, **2019**, 9, 3604	2.6	2
258	Electron beam irradiation and thermal-induced effects on the spectral properties of BAC-Al in Bi/Er codoped aluminosilicate fibers. *Optical Materials Express*, **2019**, 9, 4287	2.6	2
257	Optical Fiber Microfluidic Sensors Based on Opto-physical Effects **2019**, 2283-2317		
256	Fabrication and Characterization of Birefringent Bismuth and Erbium Co-Doped Photonic Crystal Fiber for Broadband Polarized Near Infrared Emission **2019**,		1
255	Polymer Optical Fibers **2019**, 1-51		2
254	Effect of pump wavelength and temperature on the spectral performance of BAC-Al in bismuth-doped aluminosilicate fibers. *Optics Letters*, **2019**, 44, 634-637	3	3
253	3D Silica Lithography for Future Optical Fiber Fabrication **2019**, 1-17		
252	All-Optical Tuning of Light in WSe-Coated Microfiber. *Nanoscale Research Letters*, **2019**, 14, 353	5	1
251	Polymer Optical Fibers **2019**, 967-1017		0
250	3D Silica Lithography for Future Optical Fiber Fabrication **2019**, 637-653		5
249	Irreversible Photobleaching of BAC-Si in Bi/Er Co-Doped Optical Fiber under 830 nm Pumping **2019**,		1
248	Temperature Self-Compensated Refractive Index Sensor Based on Fiber Bragg Grating and the Ellipsoid Structure. *Sensors*, **2019**, 19,	3.8	3
247	Biochemical sensing in graphene-enhanced microfiber resonators with individual molecule sensitivity and selectivity. *Light: Science and Applications*, **2019**, 8, 107	16.7	42
246	Magnetic Field Sensor Based on a Tri-Microfiber Coupler Ring in Magnetic Fluid and a Fiber Bragg Grating. *Sensors*, **2019**, 19,	3.8	10
245	Ultra-Thin Fiber Laser Hydrophone With Static Pressure Equalization and Improved Response. *IEEE Photonics Technology Letters*, **2019**, 31, 1968-1970	2.2	4
244	Resonance-enhanced all-optical modulation of WSe2-based micro-resonator. *Nanophotonics*, **2019**, 9, 2387-2396	6.3	10
243	Distributed Measurement of Regeneration Ratios of an Apodized Type I Fiber Bragg Grating. *Journal of Lightwave Technology*, **2019**, 37, 6127-6132	4	1

242	Electronic and luminescence characteristics of interstitial Bi0 atom in bismuth-doped silica optical fiber. *Journal of Luminescence*, **2019**, 207, 346-350	3.8	17
241	Response to comment on Near-IR luminescence characteristics of monovalent bismuth in Bi-doped pure silica optical fiber: First-principle study *Journal of Luminescence*, **2019**, 207, 636-639	3.8	
240	Pseudo Whispering Gallery Mode Optofluidic Lasing Based on Air-Clad Optical Fiber. *Journal of Lightwave Technology*, **2019**, 37, 2623-2627	4	6
239	Investigation and Comparison of $varphi $ -OTDR and OTDR-Interferometry via Phase Demodulation. *IEEE Sensors Journal*, **2018**, 18, 1501-1505	4	10
238	Sampled fiber gratings for picosecond time delay signal processing. *Optics and Laser Technology*, **2018**, 105, 52-57	4.2	2
237	Hollow Core Fiber Based Interferometer for High-Temperature (1000 °C) Measurement. *Journal of Lightwave Technology*, **2018**, 36, 1583-1590	4	46
236	Near-IR luminescence characteristics of monovalent bismuth in Bi-doped pure silica optical fiber: First-principle study. *Journal of Luminescence*, **2018**, 198, 384-388	3.8	15
235	Atomic Structures and Electronic States of Divalent Bismuth in Bi-Doped Silica Optical Fiber. *IEEE Journal of Selected Topics in Quantum Electronics*, **2018**, 24, 1-5	3.8	3
234	Distributed Acoustic Sensor Using Broadband Weak FBG Array for Large Temperature Tolerance. *IEEE Sensors Journal*, **2018**, 18, 2796-2800	4	6
233	The investigation of an LSPR refractive index sensor based on periodic gold nanorings array. *Journal Physics D: Applied Physics*, **2018**, 51, 045101	3	28
232	Structure formation dynamics in drawing silica photonic crystal fibres. *Frontiers of Optoelectronics*, **2018**, 11, 69-76	2.8	2
231	The Generation and Assembly of Laser-Induced Microbubbles. *Journal of Lightwave Technology*, **2018**, 36, 2492-2498	4	9
230	Influence of Ring Structures on Optical Properties of Trivalent Bismuth in Bi-Doped Silica Optical Fiber. *Journal of Cluster Science*, **2018**, 29, 861-865	3	8
229	Optical Fiber Microfluidic Sensors Based on Opto-physical Effects **2018**, 1-35		
228	Fiber Optofluidic Microlaser With Lateral Single Mode Emission. *IEEE Journal of Selected Topics in Quantum Electronics*, **2018**, 24, 1-6	3.8	23
227	Lab-on-tip based on photothermal microbubble generation for concentration detection. *Sensors and Actuators B: Chemical*, **2018**, 255, 2504-2509	8.5	15
226	Energy transfer enhanced near-infrared spectral performance in bismuth/erbium codoped aluminosilicate fibers for broadband application. *Optics Express*, **2018**, 26, 17889-17898	3.3	12
225	Radiation-induced reversible thermal effect in Er/Yb-codoped silica fibers. *Optics Letters*, **2018**, 43, 3385-3388	3	3

224	Distributed fibre optofluidic laser for chip-scale arrayed biochemical sensing. *Lab on A Chip*, **2018**, 18, 2741-2748	7.2	37
223	Modeling and Analysis of a Combined Stress-Vibration Fiber Bragg Grating Sensor. *Sensors*, **2018**, 18,	3.8	13
222	Topological Engineering of Photoluminescence Properties of Bismuth- or Erbium-Doped Phosphosilicate Glass of Arbitrary P2O5 to SiO2 Ratio. *Advanced Optical Materials*, **2018**, 6, 1800024	8.1	14
221	A special issue on Optoelectronics in Australia. *Frontiers of Optoelectronics*, **2018**, 11, 1-1	2.8	
220	Conversion mechanisms of peroxy linkage defect in silica optical fiber. *Journal of Non-Crystalline Solids*, **2018**, 498, 103-108	3.9	3
219	Ionising Radiation Induced Effects on Bismuth/Erbium Co-Doped Optical Fibres **2018**,		1
218	Development of Bi/Er co-doped optical fibers for ultra-broadband photonic applications. *Frontiers of Optoelectronics*, **2018**, 11, 37-52	2.8	11
217	Spun High Birefringence Bismuth/Erbium Co-Doped Photonic Crystal Fibre with Broadband Polarized Emission **2018**,		2
216	Field test of a 16 channel high sensitivity FBG geophone array. *Journal of Physics: Conference Series*, **2018**, 1065, 252014	0.3	
215	Pump wavelength dependence and thermal effect of photobleaching of BAC-Al in bismuth/erbium codoped aluminosilicate fibers. *Optics Letters*, **2018**, 43, 4739-4742	3	16
214	Effects of fiber Bragg grating design on dual-grating demodulation performance. *Journal Physics D: Applied Physics*, **2018**, 51, 495102	3	2
213	Effects of thermal treatment on photoluminescence properties of bismuth/erbium co-doped optical fibers. *Optical Fiber Technology*, **2018**, 46, 141-146	2.4	10
212	Simultaneous Vector Bend and Temperature Sensing Based on a Polymer and Silica Optical Fibre Grating Pair. *Sensors*, **2018**, 18,	3.8	5
211	Magneto-optical properties and measurement of the novel doping silica optical fibers. *Measurement: Journal of the International Measurement Confederation*, **2018**, 127, 63-67	4.6	2
210	Topological Engineering of Glass Structures: Topological Engineering of Photoluminescence Properties of Bismuth- or Erbium-Doped Phosphosilicate Glass of Arbitrary P2O5 to SiO2 Ratio (Advanced Optical Materials 13/2018). *Advanced Optical Materials*, **2018**, 6, 1870051	8.1	
209	Effect of heat treatment on absorption and fluorescence properties of PbS-doped silica optical fibre. *Optical Materials*, **2017**, 64, 468-473	3.3	9
208	Quasi-distributed acoustic sensing based on identical low-reflective fiber Bragg gratings. *Measurement Science and Technology*, **2017**, 28, 015202	2	3
207	SiO2 Glass-Cladding YAP:Ce Scintillating Fiber for Remote Radiation Dosimeter. *IEEE Photonics Technology Letters*, **2017**, 29, 251-254	2.2	9

206	Systematical study of up-conversion and near infrared emission of Bi/Er co-doped optical fibre pumped at 830 nm. *Optik*, **2017**, 133, 132-139	2.5	4
205	Distributed acoustic sensing with Michelson interferometer demodulation. *Photonic Sensors*, **2017**, 7, 193-198	2.3	12
204	. *Journal of Lightwave Technology*, **2017**, 35, 2156-2160	4	11
203	Dynamic fiber Bragg grating sensor array with increased wavelength-division multiplexing density and low crosstalk. *Optical Engineering*, **2017**, 56, 037101	1.1	6
202	Microbubble-Based Fiber Optofluidic Interferometer for Sensing. *Journal of Lightwave Technology*, **2017**, 35, 2514-2519	4	22
201	Simultaneous measurement of both magnetic field strength and temperature with a microfiber coupler based fiber laser sensor **2017**,		1
200	Interferometric distributed sensing system with phase optical time-domain reflectometry. *Photonic Sensors*, **2017**, 7, 157-162	2.3	9
199	Enhanced broadband near-IR luminescence and gain spectra of bismuth/erbium co-doped fiber by 830 and 980 nm dual pumping. *AIP Advances*, **2017**, 7, 045012	1.5	10
198	Phase and frequency noise measurement using passive self-homodyne technique. *Optical Engineering*, **2017**, 56, 066106	1.1	1
197	Study of a single longitudinal fiber ring laser with a □phase-shifted fiber Bragg grating. *Optics Communications*, **2017**, 396, 88-91	2	7
196	Luminescence properties of PbS quantum-dot-doped silica optical fibre produced via atomic layer deposition. *Journal of Luminescence*, **2017**, 187, 201-204	3.8	7
195	Photo-bleaching mechanism of the BAC-Si in bismuth/erbium co-doped optical fibers. *Optics Letters* , **2017**, 42, 5222-5225	3	13
194	Reproducible fiber optofluidic laser for disposable and array applications. *Lab on A Chip*, **2017**, 17, 3431-3436	7.1	38
193	Highly sensitive fiber-optic accelerometer by grating inscription in specific core dip fiber. *Scientific Reports*, **2017**, 7, 11856	4.9	20
192	Liquid refractive index sensor based on a 2D 10-fold photonic quasicrystal. *Journal Physics D: Applied Physics*, **2017**, 50, 365102	3	11
191	Temperature properties and potential temperature sensor based on the Bismuth/Erbium co-doped optical fibers **2017**,		3
190	Sampled fiber grating for WDM signal queuing with picosecond time interval. *Optics and Laser Technology*, **2017**, 97, 302-307	4.2	5
189	Long Period Fiber Grating Inscribed in Hollow-Core Photonic Bandgap Fiber for Gas Pressure Sensing. *IEEE Photonics Journal*, **2017**, 9, 1-7	1.8	9

188	Short cavity DFB fiber laser based vector hydrophone for low frequency signal detection. *Photonic Sensors*, **2017**, 7, 325-328	2.3	7
187	Fiber-Optic Accelerometer Using Tilted Grating Inscribed in Depressed Cladding Fibers. *IEEE Photonics Technology Letters*, **2017**, 29, 2171-2174	2.2	10
186	Magnetic field sensor based on a combination of a microfiber coupler covered with magnetic fluid and a Sagnac loop. *Scientific Reports*, **2017**, 7, 4725	4.9	46
185	Development of high sensitivity eight-element multiplexed fiber laser acoustic pressure hydrophone array and interrogation system. *Photonic Sensors*, **2017**, 7, 253-260	2.3	12
184	Influence of linear birefringence on Faraday effect measurement for optical fibers. *Optoelectronics Letters*, **2017**, 13, 147-150	0.7	
183	Thermal Effect on Attenuation and Luminescence of Bi/Er Co-Doped Fiber. *IEEE Photonics Technology Letters*, **2017**, 29, 43-46	2.2	19
182	Long period fiber grating based on periodically screw-type distortions for torsion sensing. *Optics Express*, **2017**, 25, 14308-14316	3.3	48
181	Label-free detection of bovine serum albumin based on an in-fiber Mach-Zehnder interferometric biosensor. *Optics Express*, **2017**, 25, 17105-17113	3.3	49
180	Fluorescence properties and energy level structure of Ce-doped silica fiber materials. *Optical Materials Express*, **2017**, 7, 751	2.6	18
179	Scintillation and photoluminescence property of SiO_2 cladding YAP:Ce optical fiber via modified rod-in-tube method. *Optical Materials Express*, **2017**, 7, 1525	2.6	4
178	Fabrication of Polymer Optical Fibre (POF) Gratings. *Sensors*, **2017**, 17,	3.8	40
177	Etched Polymer Fibre Bragg Gratings and Their Biomedical Sensing Applications. *Sensors*, **2017**, 17,	3.8	7
176	Optical fiber distributed acoustic sensing based on the self-interference of Rayleigh backscattering. *Measurement: Journal of the International Measurement Confederation*, **2016**, 79, 222-227	4.6	19
175	Ce(3+)/Yb(3+)/Er(3+) triply doped bismuth borosilicate glass: a potential fiber material for broadband near-infrared fiber amplifiers. *Scientific Reports*, **2016**, 6, 33865	4.9	32
174	Multi-wavelength narrow linewidth fiber laser based on distributed feedback fiber lasers. *Photonic Sensors*, **2016**, 6, 256-260	2.3	1
173	Effects of quenching, irradiation, and annealing processes on the radiation hardness of silica fiber cladding materials (I). *Optical Fiber Technology*, **2016**, 30, 95-99	2.4	0
172	Thermal effects on the photoelastic coefficient of polymer optical fibers. *Optics Letters*, **2016**, 41, 2517-20	3	11
171	High sensitivity fiber laser geophone array and field test analysis. *Measurement: Journal of the International Measurement Confederation*, **2016**, 79, 216-221	4.6	6

170	Effects of melting temperature and composition on spectroscopic properties of Er^3+-doped bismuth glasses. *Optical Materials Express*, **2016**, 6, 279	2.6	11
169	Etching Process Related Changes and Effects on Solid-Core Single-Mode Polymer Optical Fiber Grating. *IEEE Photonics Journal*, **2016**, 8, 1-9	1.8	13
168	Graded-Index Fiber Enabled Strain-Controllable Optofluidic Manipulation. *IEEE Photonics Technology Letters*, **2016**, 28, 256-259	2.2	7
167	A Miniaturized FBG Accelerometer Based on a Thin Polyurethane Shell. *IEEE Sensors Journal*, **2016**, 16, 1210-1216	4	16
166	High Intrinsic Sensitivity Etched Polymer Fiber Bragg Grating Pair for Simultaneous Strain and Temperature Measurements. *IEEE Sensors Journal*, **2016**, 16, 2453-2459	4	28
165	High Sensitivity Polymer Fibre Bragg Grating Sensors and Devices. *Springer Series in Materials Science*, **2016**, 289-314	0.9	1
164	Twist effect and sensing of few mode polymer fibre Bragg gratings. *Optics Communications*, **2016**, 359, 411-418	2	4
163	Annealing Effects on Bismuth Active Centers in Bi/Er Co-doped Fiber **2016**,		2
162	Blue Up-Conversion and Near Infrared (NIR) Emission of Bi/Er Co-Doped Fibre (BEDF) under 830 nm Pumping **2016**,		1
161	Inscription and improvement of novel fiber Bragg gratings by 800 nm femtosecond laser through a phase mask **2016**,		1
160	Step-index optical fiber drawn from 3D printed preforms. *Optics Letters*, **2016**, 41, 4554-4557	3	43
159	Reversible photo-bleaching effect in a bismuth/erbium co-doped optical fiber under 830 nm irradiation. *Optics Letters*, **2016**, 41, 4688-4691	3	13
158	Study on demodulated signal distribution and acoustic pressure phase sensitivity of a self-interfered distributed acoustic sensing system. *Measurement Science and Technology*, **2016**, 27, 065201	2	5
157	Performance comparison of bismuth/erbium co-doped optical fibre by 830 nm and 980 nm pumping. *Journal of Optics (United Kingdom)*, **2016**, 18, 105705	1.7	10
156	irradiation induced effects on bismuth active centres and related photoluminescence properties of Bi/Er co-doped optical fibres. *Scientific Reports*, **2016**, 6, 29827	4.9	11
155	Simple and Accurate Fluorescence Lifetime Measurement Scheme Using Traditional Time-Domain Spectroscopy and Modern Digital Signal Processing. *Journal of Lightwave Technology*, **2016**, 34, 5033-5043	4	9
154	Distributed acoustic mapping based on interferometry of phase optical time-domain reflectometry. *Optics Communications*, **2015**, 346, 172-177	2	64
153	Optofluidic tunable manipulation of microparticles by integrating graded-index fiber taper with a microcavity. *Optics Express*, **2015**, 23, 3762-9	3.3	19

152	Highly sensitive liquid level monitoring system utilizing polymer fiber Bragg gratings. *Optics Express* , **2015**, 23, 6058-72	3.3	116
151	Asymmetric transmission and reflection spectra of FBG in single-multi-single mode fiber structure. *Optics Express*, **2015**, 23, 11665-73	3.3	2
150	Formation and photoluminescence property of PbS quantum dots in silica optical fiber based on atomic layer deposition. *Optical Materials Express*, **2015**, 5, 712	2.6	20
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