

Stephen W James

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/7492897/stephen-w-james-publications-by-year.pdf>

Version: 2024-04-26

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

164
papers

4,300
citations

34
h-index

61
g-index

211
ext. papers

5,122
ext. citations

3.1
avg, IF

5.5
L-index

#	Paper	IF	Citations
164	Electromagnetic field controlled domain wall displacement for induced strain tailoring in BaTiO-epoxy nanocomposite.. <i>Scientific Reports</i> , 2022 , 12, 7504	4.9	0
163	High sensitivity pressure measurement using optical fibre sensors mounted on a composite diaphragm. <i>Optics Express</i> , 2021 , 29, 4105-4123	3.3	5
162	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
161	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
160	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
159	Tapered Optical Fibre Sensors: Current Trends and Future Perspectives. <i>Sensors</i> , 2019 , 19,	3.8	55
158	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
157	Transmission line method for the simulation of fiber Bragg gratings. <i>Applied Optics</i> , 2019 , 58, 353-360	1.7	2
156	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
155	Dynamic Fiber-Optic Shape Sensing Using Fiber Segment Interferometry. <i>Journal of Lightwave Technology</i> , 2018 , 36, 917-925	4	15
154	Optimized Process for Fabricating Ultrashort Tapered Long-Period Gratings. <i>Journal of Lightwave Technology</i> , 2018 , 36, 1091-1096	4	1
153	[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
152	Biomedical application of optical fibre sensors. <i>Journal of Optics (United Kingdom)</i> , 2018 , 20, 073003	1.7	80
151	Biomedical application of optical fibre sensors 2017 ,		1
150	Editorial for the special feature on Advanced In-flight Measurement Techniques AIM2. <i>Measurement Science and Technology</i> , 2017 , 28, 040101	2	3
149	Fabrication and optimisation of a fused filament 3D-printed microfluidic platform. <i>Journal of Micromechanics and Microengineering</i> , 2017 , 27, 035018	2	38
148	Monitoring the fabrication of tapered optical fibres 2017 ,		1

147	Soil moisture content measurement using optical fiber long period gratings 2017 ,		1
146	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
145	Development of the Cranfield University Bulldog flight test facility. <i>Aeronautical Journal</i> , 2017 , 121, 533-552	5	3
144	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
143	Multi-parameter measurements using optical fibre long period gratings for indoor air quality monitoring 2017 ,		1
142	Long Period Grating Based Fibre Optic Chemical Sensors. <i>Smart Sensors, Measurement and Instrumentation</i> , 2017 , 241-267	0.3	3
141	Fibre optic long period grating sensor for campylobacter jejuni detection 2017 ,		1
140	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
139	Volatile Organic Compounds Sensing Using Optical Fibre Long Period Grating with Mesoporous Nano-Scale Coating. <i>Sensors</i> , 2017 , 17,	3.8	16
138	Sensitivity Enhancement in Low Cutoff Wavelength Long-Period Fiber Gratings by Cladding Diameter Reduction. <i>Sensors</i> , 2017 , 17,	3.8	14
137	Interrogation of fibre Bragg gratings through a fibre optic rotary joint on a geotechnical centrifuge 2016 ,		2
136	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
135	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
134	Fiber Segment Interferometry for Dynamic Strain Measurements. <i>Journal of Lightwave Technology</i> , 2016 , 34, 4620-4626	4	9
133	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
132	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
131	Overwrite fabrication and tuning of long period gratings. <i>Optics Express</i> , 2016 , 24, 22345-22356	3.3	10
130	Railway track component condition monitoring using optical fibre Bragg grating sensors. <i>Measurement Science and Technology</i> , 2016 , 27, 055201	2	23

129	Highly sensitive contact pressure measurements using FBG patch in endotracheal tube cuff 2016 ,		1
128	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
127	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
126	Monitoring techniques for the manufacture of tapered optical fibers. <i>Applied Optics</i> , 2015 , 54, 8531-6	0.2	10
125	Measurements of endotracheal tube cuff contact pressure using fibre Bragg gratings 2015 ,		1
124	Detection of the volatile organic compounds emitted from paints using optical fibre long period grating modified with the mesoporous nano-scale coating 2015 ,		2
123	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
122	Photodecomposition of a target compound detected using an optical fibre long period grating coated with a molecularly imprinted titania thin film 2015 ,		1
121	Simultaneous laser vibrometry on multiple surfaces with a single beam system using range-resolved interferometry 2015 ,		3
120	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
119	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
118	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
117	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
116	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
115	The effect of surface pressure modification on the speed of vortex rings. <i>Fluid Dynamics Research</i> , 2014 , 46, 055503	1.2	
114	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
113	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
112	Frequency division multiplexing for interferometric planar Doppler velocimetry. <i>Applied Optics</i> , 2014 , 53, 4363-74	1.7	3

111	Sensitive protein detection using an optical fibre long period grating sensor anchored with silica core gold shell nanoparticles 2014 ,		3
110	Transverse strain response of in-fibre Fabry-Perot microcavities 2014 ,		1
109	Wind tunnel unsteady pressure measurements using a differential optical fiber Fabry-Perot pressure sensor 2014 ,		2
108	Optical Fibre Long-Period Gratings Functionalised with Nano-Assembled Thin Films: Approaches to Chemical Sensing 2013 ,		2
107	Fibre-Optic Chemical Sensor Approaches Based on Nanoassembled Thin Films: A Challenge to Future Sensor Technology 2013 ,		5
106	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
105	Multiplexed fibre optic sensors for monitoring resin infusion, flow, and cure in composite material processing 2013 ,		4
104	Frequency-division multiplexing for multicomponent shearography. <i>Applied Optics</i> , 2013 , 52, 350-8	1.7	1
103	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
102	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
101	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
100	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
99	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
98	Optical fibre laser velocimetry: a review. <i>Measurement Science and Technology</i> , 2012 , 23, 032001	2	28
97	Automated manufacture of 3D reinforced aerospace composite structures. <i>International Journal of Structural Integrity</i> , 2012 , 3, 22-40	1	23
96	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
95	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
94	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

93	Enhanced sensitivity fibre Bragg grating (FBG) load sensor. <i>Measurement Science and Technology</i> , 2010 , 21, 094006	2	9
92	A simple and wavelength-flexible procedure for fabricating phase-shifted fibre Bragg gratings. <i>Measurement Science and Technology</i> , 2010 , 21, 094001	2	9
91	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
90	A fibre Bragg grating-based inclinometer system for ground movement measurement 2010 ,		5
89	Ammonia sensing using a fibre optic long period grating with a porous nanostructured coating formed from silica nanospheres 2010 ,		4
88	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
87	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
86	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
85	Pressure measurements on aircraft wing using phase-shifted fibre Bragg grating sensors 2009 ,		10
84	Multicomponent strain development in superconducting magnet coils using optical fibre grating sensors fabricated in highly linearly birefringent fibre 2009 ,		1
83	Fibre Bragg grating based effective soil pressure sensor for geotechnical applications 2009 ,		15
82	A simple method for fabricating phase-shifted fibre Bragg gratings with flexible choice of centre wavelength 2009 ,		4
81	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
80	Deposition of SiO ₂ /polymer nanoporous thin films on long-period grating (LPG) optical fibres and dramatic enhancement of the resonance bands 2008 ,		1
79	Fabrication of highly efficient fibre-optic gas sensors using SiO ₂ /polymer nanoporous thin films 2008 ,		2
78	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
77	Temperature and strain discrimination using a single tilted fibre Bragg grating. <i>Optics Communications</i> , 2007 , 275, 344-347	2	100
76	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		30

75	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
74	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
73	Optical fibre grating refractometers for resin cure monitoring. <i>Journal of Optics</i> , 2007 , 9, S60-S65		31
72	Cure monitoring of a UV cured epoxy resin using a long period grating Mach-Zehnder interferometer 2007 ,		1
71	Simultaneous independent measurement of temperature and strain using a tilted fibre Bragg grating 2007 ,		3
70	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
69	Multiplexing of Fiber-Optic Long-Period Grating-Based Interferometric Sensors. <i>Journal of Lightwave Technology</i> , 2007 , 25, 825-829	4	30
68	Fibre optic sensors with nano-structured coatings. <i>Journal of Optics</i> , 2006 , 8, S430-S444		58
67	Investigation of the fringe order in multi-component shearography surface strain measurement 2006 , 212-216		1
66	Cascaded long-period gratings with nanostructured coatings. <i>Optics Letters</i> , 2005 , 30, 2197-9	3	32
65	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
64	Cascaded long period gratings with nano-structured coatings 2005 ,		2
63	Comparison of shearography and optical fibre Bragg grating strain sensors with resistance foil strain gauge measurements 2005 ,		1
62	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
61	Single-axis combined shearography and digital speckle photography instrument for full surface strain characterization. <i>Optical Engineering</i> , 2005 , 44, 025602	1.1	13
60	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
59	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
58	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

57	Thermal dependence of the strain response of optical fibre Bragg gratings. <i>Measurement Science and Technology</i> , 2004 , 15, 1607-1613	2	28
56	Shape and slope measurement by source displacement in shearography. <i>Optics and Lasers in Engineering</i> , 2004 , 41, 621-634	4.6	29
55	Multicomponent laser shearography for the investigation of defects in rotating machinery 2004 , 5457, 546		2
54	Multicomponent shearography using optical fiber imaging-bundles 2003 ,		2
53	Cryogenic temperature response of fibre optic long period gratings. <i>Measurement Science and Technology</i> , 2003 , 14, 1409-1411	2	34
52	Multicomponent shearography employing four measurements channels 2003 , 4933, 135		6
51	Multi-component pulsed-laser shearography using optical fiber imaging-bundles 2003 ,		2
50	Pipe Weld Investigation using Shearography. <i>Strain</i> , 2003 , 39, 101-105	1.7	9
49	Optical fibre long-period grating sensors: characteristics and application. <i>Measurement Science and Technology</i> , 2003 , 14, R49-R61	2	789
48	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
47	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
46	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
45	Tuneable and switchable dual wavelength lasers using optical fibre Bragg grating external cavities. <i>Electronics Letters</i> , 2002 , 38, 1033	1.1	22
44	Optical fiber long-period gratings with Langmuir-Blodgett thin-film overlays. <i>Optics Letters</i> , 2002 , 27, 686-8	3	195
43	Enhanced sensitivity fibre optic long period grating temperature sensor. <i>Measurement Science and Technology</i> , 2002 , 13, 792-795	2	58
42	Strain response of fibre Bragg grating sensors at cryogenic temperatures. <i>Measurement Science and Technology</i> , 2002 , 13, 1535-1539	2	43
41	Full surface strain measurement using shearography 2001 , 4448, 142		8
40	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

39	Time-division-multiplexed interrogation of fibre Bragg grating sensors using laser diodes. <i>Measurement Science and Technology</i> , 2001 , 12, 181-187	2	25
38	Strain measurement in curved industrial components using multicomponent shearography 2001 , 4398, 216		2
37	Fiber-optic liquid-level sensor using a long-period grating. <i>Optics Letters</i> , 2001 , 26, 1224-6	3	200
36	Submicrometer fiber-optic Fabry-Perot interferometer formed by use of the Langmuir-Blodgett technique. <i>Optics Letters</i> , 2001 , 26, 1840-2	3	11
35	Bend sensing in structures using long-period optical fiber gratings 2000 , 4073, 311		3
34	Application Issues Using Fibre Bragg Gratings as Strain Sensors in Fibre Composites. <i>Strain</i> , 2000 , 36, 143-150	1.7	7
33	Polarization-multiplexed and phase-stepped fibre optic shearography using laser wavelength modulation. <i>Measurement Science and Technology</i> , 2000 , 11, 1389-1395	2	19
32	Simultaneous temperature and bend sensing with long-period fiber gratings. <i>Optics Letters</i> , 2000 , 25, 1007-9	3	96
31	Time-division-multiplexed 3D shearography 1999 ,		14
30	A technique for depositing non-centrosymmetric Langmuir-Blodgett films onto optical fibres. <i>Measurement Science and Technology</i> , 1999 , 10, N60-N62	2	3
29	3D shearography for surface strain analysis 1999 , 3783, 247		3
28	Monitoring transient strains on a gun barrel using fibre Bragg-grating sensors. <i>Measurement Science and Technology</i> , 1999 , 10, 63-67	2	10
27	Fiber-optic chemical sensing with langmuir-blodgett overlay waveguides. <i>Applied Optics</i> , 1999 , 38, 7370-4.7	4.7	24
26	Second-harmonic generation in Langmuir Blodgett waveguide overlays on single-mode optical fiber. <i>Optics Letters</i> , 1999 , 24, 1194-6	3	9
25	Influence of process route on mechanical and sensing performance of fiber Bragg grating optical sensors 1999 ,		4
24	Optical low-coherence tomography of bronchial tissue 1999 ,		9
23	Polarization-multiplexed and phase-stepped fiber optic shearography using laser wavelength modulation 1999 , 3745, 149		2
22	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

21	Impact detection in carbon fiber reinforced polymer composites using in-fiber Bragg gratings 1998 , 3479, 192		1
20	Transient strain monitoring on a gun barrel using optical fiber Bragg grating sensors 1998 ,		2
19	A polarization-based optical fibre vibrometer. <i>Measurement Science and Technology</i> , 1997 , 8, 343-347	2	6
18	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
17	On-axis laser doppler velocimetry for turbomachinery applications using optical fiber techniques 1997 , 3172, 17		2
16	Fiber optic pH sensors using thin-film Langmuir-Blodgett overlay waveguides on single-mode optical fibers 1997 , 3133, 264		
15	pH sensor using Langmuir-Blodgett overlays on polished optical fibers. <i>Optics Letters</i> , 1997 , 22, 567-9	3	45
14	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
13	Photorefractive volume holographic demodulation of in-fiber Bragg grating sensors. <i>IEEE Photonics Technology Letters</i> , 1996 , 8, 664-666	2.2	7
12	Simultaneous independent temperature and strain measurement using in-fibre Bragg grating sensors. <i>Electronics Letters</i> , 1996 , 32, 1133	1.1	230
11	Demodulation of in-fiber Bragg grating sensors using volume holograms 1996 , 2838, 52		
10	3D fiber optic laser Doppler velocimetry 1996 ,		1
9	Fibre optic based reference beam laser Doppler velocimetry. <i>Optics Communications</i> , 1995 , 119, 460-464		14
8	Waveguide mutually pumped phase conjugators. <i>Applied Optics</i> , 1993 , 32, 5299-301	1.7	6
7	BaTiO ₃ waveguide self-pumped phase conjugator. <i>Optics Letters</i> , 1993 , 18, 1138	3	17
6	Photorefractive planar waveguides in BaTiO ₃ fabricated by ion-beam implantation. <i>Optics Letters</i> , 1992 , 17, 1509	3	53
5	Phase-conjugate fluorozirconate fiber laser operating at 800 nm. <i>Optics Letters</i> , 1992 , 17, 1676-8	3	1
4	Intensity-dependent thresholding and switching in the photorefractive bridge mutually pumped phase conjugator. <i>Optics Letters</i> , 1991 , 16, 551-3	3	6

3	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
2	Logarithmic output from cascaded two-beam coupling interactions in photorefractive crystals. <i>Applied Optics</i> , 1990 , 29, 3362-4	1.7	1
1	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