

# Arnaud mussot

## List of Publications by Citations

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149  
papers

3,303  
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33  
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g-index

218  
ext. papers

4,169  
ext. citations

4  
avg, IF

5.23  
L-index

#	Paper	IF	Citations
149	Roadmap on optical rogue waves and extreme events. <i>Journal of Optics (United Kingdom)</i> , <b>2016</b> , 18, 063001	10.1	167
148	Observation of extreme temporal events in CW-pumped supercontinuum. <i>Optics Express</i> , <b>2009</b> , 17, 17019-5	9.5	108
147	Real-time full bandwidth measurement of spectral noise in supercontinuum generation. <i>Scientific Reports</i> , <b>2012</b> , 2, 882	4.9	107
146	Rogue waves and analogies in optics and oceanography. <i>Nature Reviews Physics</i> , <b>2019</b> , 1, 675-689	23.6	103
145	Spectral broadening of a partially coherent CW laser beam in single-mode optical fibers. <i>Optics Express</i> , <b>2004</b> , 12, 2838-43	3.3	102
144	Third-order dispersion for generating optical rogue solitons. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , <b>2010</b> , 374, 691-695	2.3	87
143	Real time noise and wavelength correlations in octave-spanning supercontinuum generation. <i>Optics Express</i> , <b>2013</b> , 21, 18452-60	3.3	71
142	Fibre multi-wave mixing combs reveal the broken symmetry of Fermi-Pasta-Ulam recurrence. <i>Nature Photonics</i> , <b>2018</b> , 12, 303-308	33.9	67
141	Phononic band-gap guidance of acoustic modes in photonic crystal fibers. <i>Physical Review B</i> , <b>2005</b> , 71,	3.3	61
140	Visible cw-pumped supercontinuum. <i>Optics Letters</i> , <b>2008</b> , 33, 2407-9	3	59
139	White-light cw-pumped supercontinuum generation in highly GeO(2)-doped-core photonic crystal fibers. <i>Optics Letters</i> , <b>2009</b> , 34, 3631-3	3	58
138	Tailoring CW supercontinuum generation in microstructured fibers with two-zero dispersion wavelengths. <i>Optics Express</i> , <b>2007</b> , 15, 11553-63	3.3	56
137	Broadband and flat parametric amplifiers with a multisection dispersion-tailored nonlinear fiber arrangement. <i>Journal of the Optical Society of America B: Optical Physics</i> , <b>2003</b> , 20, 1532	1.7	55
136	Experimental demonstration of modulation instability in an optical fiber with a periodic dispersion landscape. <i>Optics Letters</i> , <b>2012</b> , 37, 4832-4	3	49
135	Generation of a broadband single-mode supercontinuum in a conventional dispersion-shifted fiber by use of a subnanosecond microchip laser. <i>Optics Letters</i> , <b>2003</b> , 28, 1820-2	3	49
134	Parametric excitation of multiple resonant radiations from localized wavepackets. <i>Scientific Reports</i> , <b>2015</b> , 5, 9433	4.9	48
133	Impact of pump phase modulation on the gain of fiber optical parametric amplifier. <i>IEEE Photonics Technology Letters</i> , <b>2004</b> , 16, 1289-1291	2.2	48

132	Fast and accurate modeling of nonlinear pulse propagation in graded-index multimode fibers. <i>Optics Letters</i> , <b>2017</b> , 42, 4004-4007	3	46
131	Experimental signature of optical wave thermalization through supercontinuum generation in photonic crystal fiber. <i>Optics Express</i> , <b>2009</b> , 17, 7392-406	3-3	45
130	All-fiber tunable optical delay line. <i>Optics Express</i> , <b>2010</b> , 18, 3093-100	3-3	44
129	Dispersive Dam-Break Flow of a Photon Fluid. <i>Physical Review Letters</i> , <b>2017</b> , 118, 254101	7-4	43
128	Control of pulse-to-pulse fluctuations in visible supercontinuum. <i>Optics Express</i> , <b>2010</b> , 18, 27445-54	3-3	43
127	Dispersion-Engineered Photonic Crystal Fibers for CW-Pumped Supercontinuum Sources. <i>Journal of Lightwave Technology</i> , <b>2009</b> , 27, 1556-1564	4	43
126	Control and removal of modulational instabilities in low-dispersion photonic crystal fiber cavities. <i>Optics Letters</i> , <b>2007</b> , 32, 662-4	3	42
125	Nonlinear symmetry breaking induced by third-order dispersion in optical fiber cavities. <i>Physical Review Letters</i> , <b>2013</b> , 110, 104103	7-4	41
124	Optical fiber systems are convectively unstable. <i>Physical Review Letters</i> , <b>2008</b> , 101, 113904	7-4	38
123	Annular aperture arrays: study in the visible region of the electromagnetic spectrum. <i>Optics Letters</i> , <b>2005</b> , 30, 1611-3	3	38
122	Dynamics of the modulation instability spectrum in optical fibers with oscillating dispersion. <i>Physical Review A</i> , <b>2013</b> , 87,	2.6	37
121	Impact of pump OSNR on noise figure for fiber-optical parametric amplifiers. <i>IEEE Photonics Technology Letters</i> , <b>2005</b> , 17, 1178-1180	2.2	35
120	Bouncing of a dispersive wave in a solitonic cage. <i>Optics Letters</i> , <b>2015</b> , 40, 3320-3	3	34
119	Symmetry-breaking dynamics of the modulational instability spectrum. <i>Optics Letters</i> , <b>2011</b> , 36, 1359-613		34
118	Control of supercontinuum generation and soliton self-frequency shift in solid-core photonic bandgap fibers. <i>Optics Letters</i> , <b>2009</b> , 34, 3083-5	3	34
117	Competing Turing and Faraday Instabilities in Longitudinally Modulated Passive Resonators. <i>Physical Review Letters</i> , <b>2016</b> , 116, 143901	7-4	33
116	Modulational instability in dispersion oscillating fiber ring cavities. <i>Optics Letters</i> , <b>2014</b> , 39, 4200-3	3	31
115	High-gain fiber, optical-parametric, chirped-pulse amplification of femtosecond pulses at 1 $\mu$ m. <i>Optics Letters</i> , <b>2010</b> , 35, 3480-2	3	31

114	Optical event horizons from the collision of a soliton and its own dispersive wave. <i>Physical Review A</i> , <b>2015</b> , 92,	2.6	28
113	Simultaneous scalar and cross-phase modulation instabilities in highly birefringent photonic crystal fiber. <i>Optics Express</i> , <b>2013</b> , 21, 8437-43	3.3	28
112	Broadband fiber-optical parametric amplification for ultrafast time-stretch imaging at 1.0 fh. <i>Optics Letters</i> , <b>2014</b> , 39, 5989-92	3	27
111	Modulation instability in dispersion oscillating fibers. <i>Advances in Optics and Photonics</i> , <b>2018</b> , 10, 1	16.7	26
110	Fermi-Pasta-Ulam Recurrence in Nonlinear Fiber Optics: The Role of Reversible and Irreversible Losses. <i>Physical Review X</i> , <b>2014</b> , 4,	9.1	26
109	Efficient blue conversion from a 1064 nm microchip laser in long photonic crystal fiber tapers for fluorescence microscopy. <i>Optics Express</i> , <b>2010</b> , 18, 16640-5	3.3	26
108	Experimental demonstration of optical parametric chirped pulse amplification in optical fiber. <i>Optics Letters</i> , <b>2010</b> , 35, 1786-8	3	26
107	Top-hat beam output of a single-mode microstructured optical fiber: impact of core index depression. <i>Optics Express</i> , <b>2013</b> , 21, 23250-60	3.3	25
106	Dynamics of cascaded resonant radiations in a dispersion-varying optical fiber. <i>Optica</i> , <b>2014</b> , 1, 243	8.6	25
105	Impact of the third-order dispersion on the modulation instability gain of pulsed signals. <i>Optics Letters</i> , <b>2010</b> , 35, 1194-6	3	25
104	20 THz-bandwidth continuous-wave fiber optical parametric amplifier operating at 1 $\mu$ m using a dispersion-stabilized photonic crystal fiber. <i>Optics Express</i> , <b>2012</b> , 20, 28906-11	3.3	25
103	Doubly periodic solutions of the focusing nonlinear Schrödinger equation: Recurrence, period doubling, and amplification outside the conventional modulation-instability band. <i>Physical Review A</i> , <b>2020</b> , 101,	2.6	24
102	Turbulent dynamics of an incoherently pumped passive optical fiber cavity: Quasisolitons, dispersive waves, and extreme events. <i>Physical Review A</i> , <b>2015</b> , 91,	2.6	24
101	Parametric amplification and wavelength conversion in the 1040–1090 nm band by use of a photonic crystal fiber. <i>Applied Physics Letters</i> , <b>2009</b> , 94, 111104	3.4	23
100	Shock wave generation triggered by a weak background in optical fibers. <i>Optics Letters</i> , <b>2016</b> , 41, 2656-9	3	22
99	Experimental dynamics of Akhmediev breathers in a dispersion varying optical fiber. <i>Optics Letters</i> , <b>2014</b> , 39, 4490-3	3	22
98	Fourth-order dispersion mediated modulation instability in dispersion oscillating fibers. <i>Optics Letters</i> , <b>2013</b> , 38, 3464-7	3	22
97	19.5 W CW-pumped supercontinuum source from 0.65 to 1.38 [ $\mu$ m]. <i>Electronics Letters</i> , <b>2009</b> , 45, 29	1.1	21

96	Zero-dispersion wavelength mapping in short single-mode optical fibers using parametric amplification. <i>IEEE Photonics Technology Letters</i> , <b>2006</b> , 18, 22-24	2.2	21
95	Optimal frequency conversion in the nonlinear stage of modulation instability. <i>Optics Express</i> , <b>2015</b> , 23, 30861-71	3.3	20
94	High-energy temporally shaped nanosecond-pulse master-oscillator power amplifier based on ytterbium-doped single-mode microstructured flexible fiber. <i>Optics Letters</i> , <b>2011</b> , 36, 734-6	3	20
93	Long wavelength extension of CW-pumped supercontinuum through soliton-dispersive wave interactions. <i>Optics Express</i> , <b>2010</b> , 18, 24729-34	3.3	20
92	Experimental investigation of combined four-wave mixing and Raman effect in the normal dispersion regime of a photonic crystal fiber. <i>Optics Letters</i> , <b>2008</b> , 33, 2488-90	3	20
91	Ultrabroadband fiber optical parametric amplifiers pumped by chirped pulses Part 1: analytical model. <i>Journal of the Optical Society of America B: Optical Physics</i> , <b>2015</b> , 32, 1479	1.7	19
90	Dynamics of fiber optical parametric chirped pulse amplifiers. <i>Journal of the Optical Society of America B: Optical Physics</i> , <b>2011</b> , 28, 2848	1.7	19
89	Ultra-broadband fiber optical parametric amplifier pumped by chirped pulses. <i>Optics Letters</i> , <b>2014</b> , 39, 3782-5	3	18
88	Impact of pump phase modulation on system performance of fibre-optical parametric amplifiers. <i>Electronics Letters</i> , <b>2005</b> , 41, 350	1.1	18
87	Emission of dispersive waves from a train of dark solitons in optical fibers. <i>Optics Letters</i> , <b>2016</b> , 41, 2454-7		18
86	Observation of the stepwise blue shift of a dispersive wave preceding its trapping by a soliton. <i>Optics Express</i> , <b>2015</b> , 23, 16595-601	3.3	17
85	Spectrally-bounded continuous-wave supercontinuum generation in a fiber with two zero-dispersion wavelengths. <i>Optics Express</i> , <b>2008</b> , 16, 6745-55	3.3	17
84	Ultralow chromatic dispersion measurement of optical fibers with a tunable fiber laser. <i>IEEE Photonics Technology Letters</i> , <b>2006</b> , 18, 1825-1827	2.2	17
83	Full-field characterization of breather dynamics over the whole length of an optical fiber. <i>Optics Letters</i> , <b>2019</b> , 44, 763-766	3	17
82	12 THz flat gain fiber optical parametric amplifiers with dispersion varying fibers. <i>Optics Express</i> , <b>2015</b> , 23, 10103-10	3.3	16
81	Correlation between multiple modulation instability side lobes in dispersion oscillating fiber. <i>Optics Letters</i> , <b>2014</b> , 39, 1881-4	3	16
80	Enhanced soliton self-frequency shift and CW supercontinuum generation in GeO <sub>2</sub> -doped core photonic crystal fibers. <i>Journal of the Optical Society of America B: Optical Physics</i> , <b>2011</b> , 28, 1152	1.7	16
79	Phosphorus-Doped Photonic Crystal Fibers for High-Power (36 W) Visible CW Supercontinuum. <i>IEEE Photonics Journal</i> , <b>2011</b> , 3, 815-820	1.8	16

78	Black-light continuum generation in a silica-core photonic crystal fiber. <i>Optics Letters</i> , <b>2012</b> , 37, 130-2	3	16
77	$\Pi$ -level Raman-assisted fiber optical parametric chirped-pulse amplification. <i>Optics Letters</i> , <b>2018</b> , 43, 4683-4686	3	16
76	Optical analogue of the dynamical Casimir effect in a dispersion-oscillating fibre. <i>Communications Physics</i> , <b>2019</b> , 2,	5.4	15
75	Heteroclinic Structure of Parametric Resonance in the Nonlinear Schrödinger Equation. <i>Physical Review Letters</i> , <b>2016</b> , 117, 013901	7.4	15
74	Control of the soliton self-frequency shift dynamics using topographic optical fibers. <i>Optics Letters</i> , <b>2013</b> , 38, 3390-3	3	15
73	Localized beating between dynamically generated frequencies. <i>Physical Review Letters</i> , <b>2009</b> , 102, 043905	5.4	15
72	Parametric instabilities in modulated fiber ring cavities. <i>Optics Letters</i> , <b>2016</b> , 41, 5027-5030	3	15
71	Single-mode narrow-bandwidth temporally shaped nanosecond-pulse ytterbium-doped fiber MOPA for a large-scale laser facility front-end. <i>Journal of the Optical Society of America B: Optical Physics</i> , <b>2010</b> , 27, 2231	1.7	14
70	Thermal noise for SBS suppression in fiber optical parametric amplifiers. <i>Optics Communications</i> , <b>2010</b> , 283, 2607-2610	2	14
69	Widely Tunable Parametric Amplification and Pulse Train Generation by Heating a Photonic Crystal Fiber. <i>IEEE Journal of Quantum Electronics</i> , <b>2011</b> , 47, 1514-1518	2	13
68	Experimental characterization of recurrences and separatrix crossing in modulational instability. <i>Optics Letters</i> , <b>2019</b> , 44, 5426-5429	3	13
67	Efficiency of four-wave mixing between orthogonally polarized linear waves and solitons in a birefringent fiber. <i>Physical Review A</i> , <b>2016</b> , 94,	2.6	13
66	Recent Advances in Supercontinuum Generation in Specialty Fiber. <i>Journal of the Optical Society of America B: Optical Physics</i> ,	1.7	13
65	Modulation instability in amplitude modulated dispersion oscillating fibers. <i>Optics Express</i> , <b>2015</b> , 23, 3869-75	3.3	12
64	Ultrabroadband fiber optical parametric amplifier pumped by chirped pulses Part 2: sub-30-fs pulse amplification at high gain. <i>Journal of the Optical Society of America B: Optical Physics</i> , <b>2015</b> , 32, 1488	1.7	12
63	Dynamics of Turing and Faraday instabilities in a longitudinally modulated fiber-ring cavity. <i>Optics Letters</i> , <b>2017</b> , 42, 435-438	3	12
62	Significant reduction of power fluctuations at the long-wavelength edge of a supercontinuum generated in solid-core photonic bandgap fibers. <i>Optics Express</i> , <b>2010</b> , 18, 24352-60	3.3	12
61	Emission of multiple dispersive waves from a single Raman-shifting soliton in an axially-varying optical fiber. <i>Optics Express</i> , <b>2014</b> , 22, 25673-8	3.3	11

60	Widely tunable polarization maintaining photonic crystal fiber based parametric wavelength conversion. <i>Optics Express</i> , <b>2013</b> , 21, 15826-33	3.3	11
59	Third-order dispersion drastically changes parametric gain in optical fiber systems. <i>Physical Review A</i> , <b>2011</b> , 83,	2.6	11
58	Synchronously pumped photonic crystal fiber-based optical parametric oscillator. <i>Optics Letters</i> , <b>2012</b> , 37, 3156-8	3	11
57	Experimental demonstration of multiwatt continuous-wave supercontinuum tailoring in photonic crystal fibers. <i>Applied Physics Letters</i> , <b>2008</b> , 92, 141103	3.4	11
56	Solitonization of a dispersive wave. <i>Optics Letters</i> , <b>2016</b> , 41, 1412-5	3	10
55	Grayness-dependent emission of dispersive waves from dark solitons in optical fibers. <i>Optics Letters</i> , <b>2018</b> , 43, 1511-1514	3	10
54	Demonstration of an All-Fiber Broadband Optical Parametric Amplifier at 1 $\mu\text{m}$ . <i>Journal of Lightwave Technology</i> , <b>2010</b> , 28, 2173-2178	4	10
53	Multiple QPM Resonant Radiations Induced by MI in Dispersion Oscillating Fibers. <i>IEEE Photonics Technology Letters</i> , <b>2016</b> , 28, 740-743	2.2	10
52	High-energy dissipative soliton-driven fiber optical parametric oscillator emitting at 1.7 $\mu\text{m}$ . <i>Laser Physics Letters</i> , <b>2018</b> , 15, 115103	1.5	10
51	Amplification of ultra-short optical pulses in a two-pump fiber optical parametric chirped pulse amplifier. <i>Optics Express</i> , <b>2013</b> , 21, 12197-203	3.3	9
50	Modulation instability in the weak normal dispersion region of passive fiber ring cavities. <i>Optics Letters</i> , <b>2017</b> , 42, 3730-3733	3	9
49	Modulation instability in the weak dispersion regime of a dispersion modulated passive fiber-ring cavity. <i>Optics Express</i> , <b>2017</b> , 25, 11283-11296	3.3	8
48	Longitudinal soliton tunneling in optical fiber. <i>Optics Letters</i> , <b>2017</b> , 42, 2350-2353	3	8
47	All-optical SBS reduction in fiber optic parametric amplifiers. <i>Optics Communications</i> , <b>2009</b> , 282, 988-991		8
46	Observation of four Fermi-Pasta-Ulam-Tsingou recurrences in an ultra-low-loss optical fiber. <i>Optics Express</i> , <b>2020</b> , 28, 17773-17781	3.3	8
45	Gain-through-filtering enables tuneable frequency comb generation in passive optical resonators. <i>Nature Communications</i> , <b>2019</b> , 10, 4489	17.4	7
44	Optimization of continuous-wave supercontinuum generation. <i>Optical Fiber Technology</i> , <b>2012</b> , 18, 322-326		7
43	Highly-nonlinear photonic crystal fibre with high figure of merit around 1 [ $\mu\text{m}$ ]. <i>Electronics Letters</i> , <b>2012</b> , 48, 232	1.1	7

42	CW Supercontinuum Generation in Photonic Crystal Fibres with Two Zero-Dispersion Wavelengths. <i>AIP Conference Proceedings</i> , <b>2008</b> ,	0	7
41	Theoretical study of gain distortions in dual-pump fiber optical parametric amplifiers. <i>Optics Communications</i> , <b>2006</b> , 267, 244-252	2	7
40	Observation of doubly periodic solutions of the nonlinear Schrödinger equation in optical fibers. <i>Optics Letters</i> , <b>2020</b> , 45, 3757-3760	3	7
39	Modulational instability in dispersion-kicked optical fibers. <i>Physical Review A</i> , <b>2015</b> , 92,	2.6	6
38	Fiber-based ultrashort pulse delivery for nonlinear imaging using high-energy solitons. <i>Journal of Biomedical Optics</i> , <b>2014</b> , 19, 086021	3.5	6
37	Temperature Dependence of the Zero Dispersion Wavelength in a Photonic Crystal Fiber. <i>IEEE Photonics Technology Letters</i> , <b>2012</b> , 24, 431-433	2.2	6
36	Simple Method for Measuring the Zero-Dispersion Wavelength in Optical Fibers. <i>IEEE Photonics Technology Letters</i> , <b>2011</b> , 23, 609-611	2.2	6
35	Simple methods for crosstalk reduction in fiber optical parametric amplifiers. <i>Optics Communications</i> , <b>2007</b> , 275, 448-452	2	6
34	"Extraordinary" modulation instability in optics and hydrodynamics. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2021</b> , 118,	11.5	6
33	Instabilities in passive dispersion oscillating fiber ring cavities. <i>European Physical Journal D</i> , <b>2017</b> , 71, 1	1.3	5
32	Soliton annihilation into a polychromatic dispersive wave. <i>Optics Letters</i> , <b>2015</b> , 40, 2142-5	3	5
31	Collision between a dark soliton and a linear wave in an optical fiber. <i>Optics Express</i> , <b>2018</b> , 26, 23480-23491	3.3	5
30	110 nm versatile fiber optical parametric amplifier at 1.0 $\mu\text{m}$ . <i>Optics Letters</i> , <b>2015</b> , 40, 4090-3	3	4
29	Real-Time Characterization of Period-Doubling Dynamics in Uniform and Dispersion Oscillating Fiber Ring Cavities. <i>Physical Review X</i> , <b>2019</b> , 9,	9.1	4
28	Convective Instabilities and Optical Rogue Waves in Fibers with CW Pumping <b>2009</b> ,		4
27	Impact of third-order dispersion on nonlinear bifurcations in optical resonators. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , <b>2015</b> , 379, 1934-1937	2.3	3
26	Weak Langmuir optical turbulence in a fiber cavity. <i>Physical Review A</i> , <b>2016</b> , 94,	2.6	3
25	Continuous-wave dual-pump fibre optical parametric amplifier around 1 $\mu\text{m}$ . <i>Electronics Letters</i> , <b>2014</b> , 50, 107-108	1.1	3



24	Optical Parametric Chirped Pulse Amplification in an Optical Fiber. <i>Optics and Photonics News</i> , <b>2010</b> , 21, 34	1.9	3
23	All-solid polarization-maintaining silica fiber with birefringence induced by anisotropic metaglass.. <i>Optics Letters</i> , <b>2022</b> , 47, 401-404	3	3
22	Low Noise High-Energy Dissipative Soliton Erbium Fiber Laser for Fiber Optical Parametric Oscillator Pumping. <i>Applied Sciences (Switzerland)</i> , <b>2018</b> , 8, 2161	2.6	3
21	A two-stage photonic crystal fiber / silicon photonic wire short-wave infrared wavelength converter/amplifier based on a 1064 nm pump source. <i>Optics Express</i> , <b>2015</b> , 23, 13025-31	3.3	2
20	Simultaneous control of the wavelength and duration of Raman-shifting solitons using topographic photonic crystal fibers. <i>Journal of the Optical Society of America B: Optical Physics</i> , <b>2015</b> , 32, 2146	1.7	2
19	Partition of the instantaneous and delayed nonlinear responses for the propagation of ultrashort solitons in optical fibers. <i>Physical Review A</i> , <b>2012</b> , 85,	2.6	2
18	Manipulating the Propagation of Solitons with Solid-Core Photonic Bandgap Fibers. <i>International Journal of Optics</i> , <b>2012</b> , 2012, 1-12	0.9	2
17	High-energy Yb-doped fiber MOPA in the ns-kHz regime for large-scale laser facilities front-end <b>2011</b> ,		2
16	Top-hat beam output from a large mode area microstructured fiber for beam delivery <b>2012</b> ,		2
15	Extended blue side of flat supercontinuum generation in PCFs with a CW Yb fiber laser <b>2008</b> ,		2
14	Single-frequency Raman fiber amplifier emitting 11 $\mu$ W peak-power at 1645 nm for remote methane sensing applications <b>2016</b> ,		1
13	Top-hat beam output with 100 $\mu$ s temporally shaped narrow-bandwidth nanosecond pulses from a linearly polarized all-fiber system. <i>Optics Letters</i> , <b>2014</b> , 39, 4780-3	3	1
12	Flattened fundamental mode in microstructured fibers: design, realization and characterization <b>2012</b> ,		1
11	Active reduction of fluctuations in fourth-order modulation instability. <i>Optics Letters</i> , <b>2012</b> , 37, 4305-7	3	1
10	System Performances of Fiber Optical Parametric Amplifiers. <i>Fiber and Integrated Optics</i> , <b>2008</b> , 27, 516-538		1
9	Non-invasive distributed characterization in phase and intensity of the nonlinear stage of modulation instability <b>2018</b> ,		1
8	Nonlinear phase added by a Raman fiber amplifier to a single-frequency seed laser <b>2016</b> ,		1
7	Modulational instability and pulse generation in dispersion oscillating fiber ring cavities <b>2014</b> ,		1

6	Heterodyne Optical Time Domain Reflectometer Combined With Active Loss Compensation: A Practical Tool for Investigating Fermi Pasta Ulam Recurrence Process and Breathers Dynamics in Optical Fibers. <i>Frontiers in Physics</i> , <b>2021</b> , 9,	3.9	1
5	Theory of filter-induced modulation instability in driven passive optical resonators. <i>Physical Review A</i> , <b>2021</b> , 103,	2.6	1
4	Origin of spontaneous wave mixing processes in multimode GRIN fibers. <i>Optics Express</i> , <b>2021</b> , 29, 30822-30833	3.9	0
3	Experimental investigation of short pulse Raman amplification with backward pumping. <i>Optics Letters</i> , <b>2021</b> , 46, 5019-5022	3	0
2	Mid-infrared parametric wavelength conversion seeded with fiber optical parametric sources. <i>EPJ Web of Conferences</i> , <b>2021</b> , 255, 11004	0.3	
1	Precursors-driven machine learning prediction of chaotic extreme pulses in Kerr resonators. <i>Chaos, Solitons and Fractals</i> , <b>2022</b> , 160, 112199	9.3	