

# Elena G Turitsyna

## List of Publications by Year in descending order

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Version: 2024-02-01

17  
papers

280  
citations

1163117

8  
h-index

1199594

12  
g-index

17  
all docs

17  
docs citations

17  
times ranked

276  
citing authors

#	ARTICLE	IF	CITATIONS
1	Spiral attractor created by vector solitons. <i>Light: Science and Applications</i> , 2014, 3, e131-e131.	16.6	78
2	Digital signal processing based on inverse scattering transform. <i>Optics Letters</i> , 2013, 38, 4186.	3.3	65
3	Optical turbulence and spectral condensate in long-fiber lasers. <i>Physical Review A</i> , 2009, 80, .	2.5	50
4	Numerical investigation of the impact of reflectors on spectral performance of Raman fibre laser. <i>Optics Express</i> , 2010, 18, 4469.	3.4	24
5	Averaged model and integrable limits in nonlinear double-periodic Hamiltonian systems. <i>Physical Review E</i> , 2000, 61, 3127-3132.	2.1	16
6	Top-hat random fiber Bragg grating. <i>Optics Letters</i> , 2015, 40, 3592.	3.3	10
7	Broadband fiber Bragg grating with channelized dispersion. <i>Optics Express</i> , 2007, 15, 10733.	3.4	9
8	Design and Fabrication of Fiber Bragg Gratings With V-Shaped Dispersion Profile. <i>Journal of Lightwave Technology</i> , 2007, 25, 606-611.	4.6	8
9	A technique for mitigating the effect of the writing-beam profile on fibre Bragg grating fabrication. <i>Optics Express</i> , 2015, 23, 12628.	3.4	7
10	Novel complex gratings with third-order group-delay variations for tunable pure dispersion slope compensation. <i>Optics Express</i> , 2008, 16, 12090.	3.4	6
11	Fabrication of precise aperiodic multichannel fibre Bragg grating filters for spectral line suppression in hydrogenated standard telecommunications fibre. <i>Optics Express</i> , 2018, 26, 1315.	3.4	3
12	Design and Fabrication of Fibre Bragg Gratings with V-shaped Dispersion Profile for Multi-Channel Signal Processing. , 2006, , .		1
13	Optical turbulence and spectral condensate in fibre lasers. , 2011, , .		1
14	Resonance optimization of polychromatic light in disordered structures. <i>Scientific Reports</i> , 2017, 7, 8042.	3.3	1
15	Experimental Demonstration of Real-time correction of writing errors during Fibre-Bragg grating fabrication. , 2016, , .		1
16	Single-reflection-band fiber Bragg gratings with channelized linear and nonlinear dispersion and their applications. , 2007, , .		0
17	Characterization of Disorder Induced Resonances in Fiber Bragg Gratings with Sub-picometer Resolution using Ensemble-averaged Homodyne Detection. , 2018, , .		0