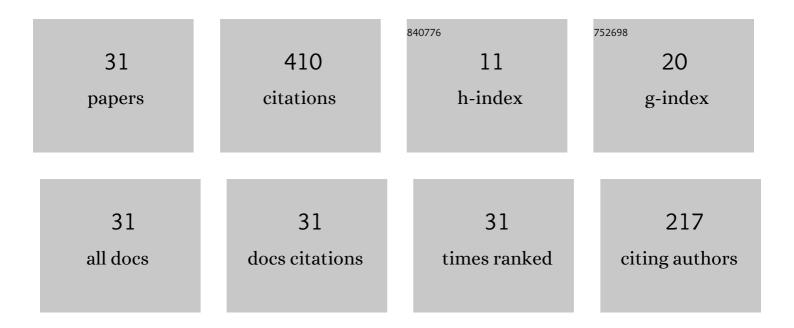
Boris P Lapin

List of Publications by Year in descending order

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RODIS PLADIN

#	Article	IF	CITATIONS
1	Robust higher-order optical vortices for information transmission in twisted anisotropic optical fibers. Journal of Optics (United Kingdom), 2021, 23, 035603.	2.2	10
2	Parametric control of propagation of optical vortices through fibre ring resonators. Journal of Optics (United Kingdom), 2021, 23, 064005.	2.2	6
3	Super-efficient control of angular momentum and mode conversion in snake-type fiber resonators. Journal of the Optical Society of America B: Optical Physics, 2021, 38, F29.	2.1	3
4	Generation of optical vortices in non-parity-time-symmetric chiral-core optical fibers. Optics Letters, 2021, 46, 4474.	3.3	6
5	Topological charge conversion and localization in defected heterogeneous multihelicoidal optical fibers. Journal of Optics (United Kingdom), 2019, 21, 085601.	2.2	1
6	Revised model of acousto-optic interaction in optical fibers endowed with a flexural wave. Optics Letters, 2019, 44, 598.	3.3	16
7	Effect of a spacer on localization of topological states in a Bragg multihelicoidal fiber with a twist defect. Journal of Optics (United Kingdom), 2018, 20, 025603.	2.2	3
8	Reciprocal optical activity in multihelicoidal optical fibers. Physical Review A, 2018, 98, .	2.5	8
9	Polarization-Controlled Topological Charge Inversion of Optical Vortices in Multielliptical Optical Fibers. Optics and Spectroscopy (English Translation of Optika I Spektroskopiya), 2018, 124, 560-566.	0.6	2
10	Localized topological states in Bragg multihelicoidal fibers with combined pitch-jump and twist defects. Journal of Optics (United Kingdom), 2017, 19, 045604.	2.2	6
11	Localized topological states in Bragg multihelicoidal fibers with a twist defect in the presence of a spacer. Journal of Physics: Conference Series, 2017, 917, 062013.	0.4	0
12	Inversion of the topological charge of optical vortices in a coil fibre resonator. Journal of Physics: Conference Series, 2016, 741, 012137.	0.4	0
13	Localized topological states in Bragg multihelicoidal fibers with twist defects. Physical Review A, 2016, 93, .	2.5	10
14	Resonance optical activity in multihelicoidal optical fibers. Optics Letters, 2016, 41, 962.	3.3	17
15	Optical activity in multihelicoidal optical fibers. Physical Review A, 2015, 92, .	2.5	26
16	Twisted anisotropic fibers for robust orbital-angular-momentum-based information transmission. Physical Review A, 2015, 91, .	2.5	42
17	Generation of optical vortices in multihelical optical fibers. Optics and Spectroscopy (English) Tj ETQq1 1 0.784	4314 rgBT 0.6	Overlock 10
18	Helical-core fiber analog of a quarter-wave plate for orbital angular momentum. Optics Letters, 2013, 38, 2277.	3.3	22

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#	Article	IF	CITATIONS
19	Spin-orbit-interaction-induced generation of optical vortices in multihelicoidal fibers. Physical Review A, 2013, 88, .	2.5	70
20	Orbital angular momentum control by a multihelicoidal fibre with a twist defect. Journal of Optics (United Kingdom), 2013, 15, 125401.	2.2	3
21	Topological activity in Bragg elliptical twisted fibers. Applied Optics, 2012, 51, C7.	1.8	4
22	Generation and conversion of optical vortices in long-period twisted elliptical fibers. Applied Optics, 2012, 51, C193.	1.8	27
23	Generation of optical vortices in layered helical waveguides. Physical Review A, 2011, 83, .	2.5	31
24	Optical vortices and topological effects in coiled fibers with combined anisotropy. Optics and Spectroscopy (English Translation of Optika I Spektroskopiya), 2011, 110, 456-463.	0.6	2
25	Topological activity of layered chiral optical Bragg waveguides. Journal of Optics (United Kingdom), 2011, 13, 095701.	2.2	6
26	Controlling the optical angular momentum by elliptical anisotropic fibres. Journal of Optics, 2009, 11, 105406.	1.5	9
27	Helical core optical fibers maintaining propagation of a solitary optical vortex. Physical Review A, 2008, 78, .	2.5	23
28	Optical angular momentum and mode conversion in optical fibres with competing form and material anisotropy. Journal of Optics, 2008, 10, 055009.	1.5	13
29	The effect of spin–orbit coupling on the structure of the stopband in helical-core optical fibres. Journal of Optics, 2008, 10, 085006.	1.5	10
30	Higher order modes and topological phase in the coiled elliptical weakly guiding optical fibres. Ukrainian Journal of Physical Optics, 2008, 9, 34.	13.0	4
31	Optical vortices and topological phase in strongly anisotropic coiled few-mode optical fibers. Journal of the Optical Society of America B: Optical Physics, 2007, 24, 2666.	2.1	25