

Stanislav A Kolpakov

List of Publications by Year in descending order

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17
papers

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1163117

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all docs

17
docs citations

17
times ranked

395
citing authors

#	ARTICLE	IF	CITATIONS
1	Toward a New Generation of Photonic Humidity Sensors. <i>Sensors</i> , 2014, 14, 3986-4013.	3.8	114
2	Ultrafast rogue wave patterns in fiber lasers. <i>Optica</i> , 2018, 5, 774.	9.3	72
3	Distributed Model for Actively Q-Switched Erbium-Doped Fiber Lasers. <i>IEEE Journal of Quantum Electronics</i> , 2011, 47, 928-934.	1.9	22
4	Smart Q-switching for single-pulse generation in an erbium-doped fiber laser. <i>Optics Express</i> , 2012, 20, 4397.	3.4	22
5	Stealth dicing of sapphire wafers with near infra-red femtosecond pulses. <i>Applied Physics A: Materials Science and Processing</i> , 2017, 123, 1.	2.3	21
6	Ultrafast twin-peak rogue waves in a vector field. <i>OSA Continuum</i> , 2019, 2, 3102.	1.8	10
7	Experimental Demonstration of Hyperbolic Patterns. <i>Physical Review Letters</i> , 2008, 101, 254101.	7.8	8
8	Comparison of asymmetric and symmetric cavity configurations of erbium-doped fiber laser in active Q-switched regime. <i>Journal of the Optical Society of America B: Optical Physics</i> , 2012, 29, 2453.	2.1	8
9	Smooth Pulse Generation by a Q-Switched Erbium-Doped Fiber Laser. <i>IEEE Photonics Technology Letters</i> , 2013, 25, 480-483.	2.5	6
10	Vector harmonic mode-locking by acoustic resonance. <i>Photonics Research</i> , 2021, 9, 1432.	7.0	6
11	A distributed model for continuous-wave erbium-doped fiber laser. <i>Optics Communications</i> , 2011, 284, 5342-5347.	2.1	5
12	Influence of Cavity Loss Upon Performance of Q-Switched Erbium-Doped Fiber Laser. <i>IEEE Photonics Technology Letters</i> , 2013, 25, 977-980.	2.5	5
13	Optimization of Erbium-Doped Actively Q-Switched Fiber Laser Implemented in Symmetric Configuration. <i>IEEE Journal of Selected Topics in Quantum Electronics</i> , 2014, 20, 329-336.	2.9	4
14	Optical rogue waves in coupled fiber Raman lasers. <i>Optics Letters</i> , 2020, 45, 4726.	3.3	4
15	Temporal scaling of optical rogue waves in unidirectional ring fiber laser. , 2016, , .		1
16	Four-phase patterns in a forced nonlinear optical oscillator. , 2009, , .		0
17	One-step holographic grating inscription in polymers. <i>Proceedings of SPIE</i> , 2009, , .	0.8	0