

Andrey D Pryamikov

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

839
citations

1307594

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h-index

1199594

12
g-index

15
all docs

15
docs citations

15
times ranked

471
citing authors

#	ARTICLE	IF	CITATIONS
1	Demonstration of a waveguide regime for a silica hollow - core microstructured optical fiber with a negative curvature of the core boundary in the spectral region $> 35 \mu\text{m}$. Optics Express, 2011, 19, 1441.	3.4	399
2	Light transmission in negative curvature hollow core fiber in extremely high material loss region. Optics Express, 2013, 21, 9514.	3.4	270
3	Revolver Hollow Core Optical Fibers. Fibers, 2018, 6, 39.	4.0	61
4	Light transport and vortex-supported wave-guiding in micro-structured optical fibres. Scientific Reports, 2020, 10, 2507.	3.3	33
5	2.9, 3.3, and 3.5 μm Raman Lasers Based on Revolver Hollow-Core Silica Fiber Filled by H_2/D_2 Gas Mixture. IEEE Journal of Selected Topics in Quantum Electronics, 2018, 24, 1-8.	2.9	28
6	Direct Laser Written Waveguide in Tellurite Glass for Supercontinuum Generation in 2 μm Spectral Range. Journal of Lightwave Technology, 2020, 38, 1492-1500.	4.6	10
7	Birefringence properties of anti-resonant octagonal-core and nodeless hollow-core fibers. Applied Optics, 2020, 59, 5013.	1.8	9
8	Features of light leakage from the negative curvature hollow core fibers. Optical Engineering, 2018, 57, 1.	1.0	7
9	Helical Bragg Gratings: Experimental Verification of Light Orbital Angular Momentum Conversion. Journal of Lightwave Technology, 2022, 40, 2481-2488.	4.6	6
10	Photonic jets produced by microspheres integrated with hollow-core fibers for ultraprecise laser surgery. , 2013, , .		5
11	Strong Light Localization and a Peculiar Feature of Light Leakage in the Negative Curvature Hollow Core Fibers. Fibers, 2017, 5, 43.	4.0	5
12	Femtosecond Pulse Compression With Pedestal Suppression in a Sagnac Interferometer Constructed of Anti-Resonant Hollow Core Fiber. IEEE Photonics Journal, 2021, 13, 1-9.	2.0	2
13	Phase Dislocations in Hollow Core Waveguides. Fibers, 2021, 9, 59.	4.0	2
14	Excitation of Orbital Angular Momentum Modes in Helical Bragg Waveguide Inscribed by Femtosecond Laser Beam in YAG Crystal. , 2021, , .		1
15	Resonant Coupling between Orbital-Angular-Momentum Modes in Femtosecond Laser Written Helical Bragg Waveguides. , 2021, , .		1