

Alexandr V Dostovalov

List of Publications by Year in descending order

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1307594

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9
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151
citing authors

#	ARTICLE	IF	CITATIONS
1	Narrow-Linewidth Er-Doped Fiber Lasers With Random Distributed Feedback Provided By Artificial Rayleigh Scattering. Journal of Lightwave Technology, 2022, 40, 1829-1835.	4.6	20
2	Advances in femtosecond laser direct writing of fiber Bragg gratings in multicore fibers: technology, sensor and laser applications. Opto-Electronic Advances, 2022, 5, 210055-210055.	13.3	30
3	3D Shape Sensing With Multicore Optical Fibers: Transformation Matrices Versus Frenet-Serret Equations for Real-Time Application. IEEE Sensors Journal, 2021, 21, 4599-4609.	4.7	26
4	Feedback-controlled thermal therapy of tissues based on fiber Bragg grating thermometers. , 2021, , .		0
5	PID Controlling Approach Based on FBG Array Measurements for Laser Ablation of Pancreatic Tissues. IEEE Transactions on Instrumentation and Measurement, 2021, 70, 1-9.	4.7	23
6	Closed-Loop Temperature Control Based on Fiber Bragg Grating Sensors for Laser Ablation of Hepatic Tissue. Sensors, 2020, 20, 6496.	3.8	40
7	Towards temperature-controlled laser ablation based on fiber Bragg grating array temperature measurements. , 2020, , .		6
8	[REMOVED MACROBUTTON FIELD]Arrays of fiber Bragg gratings selectively inscribed in different cores of 7-core spun optical fiber by IR femtosecond laser pulses. Optics Express, 2019, 27, 13978.	3.4	43
9	Durable shape sensor based on FBG array inscribed in polyimide-coated multicore optical fiber. Optics Express, 2019, 27, 38421.	3.4	48