

Alexandr V Dostovalov

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6722949/publications.pdf>

Version: 2024-02-01

9
papers

236
citations

1307594

7
h-index

1720034

7
g-index

9
all docs

9
docs citations

9
times ranked

151
citing authors

#	ARTICLE	IF	CITATIONS
1	Durable shape sensor based on FBG array inscribed in polyimide-coated multicore optical fiber. Optics Express, 2019, 27, 38421.	3.4	48
2	[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
3	Closed-Loop Temperature Control Based on Fiber Bragg Grating Sensors for Laser Ablation of Hepatic Tissue. Sensors, 2020, 20, 6496.	3.8	40
4	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
5	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
6	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
7	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
8	Towards temperature-controlled laser ablation based on fiber Bragg grating array temperature measurements. , 2020, , .		6
9	Feedback-controlled thermal therapy of tissues based on fiber Bragg grating thermometers. , 2021, , .		0