

Arman Aitkulov

List of Publications by Year in descending order

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Version: 2024-02-01

8
papers

179
citations

1684188

5
h-index

1872680

6
g-index

8
all docs

8
docs citations

8
times ranked

165
citing authors

#	ARTICLE	IF	CITATIONS
1	Optical Fiber Sensor Based on Plastic Optical Fiber and Smartphone for Measurement of the Breathing Rate. IEEE Sensors Journal, 2019, 19, 3282-3287.	4.7	56
2	Reflector-less nanoparticles doped optical fiber biosensor for the detection of proteins: Case thrombin. Biosensors and Bioelectronics, 2020, 165, 112365.	10.1	37
3	Design of a Smartphone Plastic Optical Fiber Chemical Sensor for Hydrogen Sulfide Detection. IEEE Sensors Journal, 2017, 17, 6935-6940.	4.7	35
4	Distributed 2D temperature sensing during nanoparticles assisted laser ablation by means of high-scattering fiber sensors. Scientific Reports, 2020, 10, 12593.	3.3	24
5	Design of an All-POF-Fiber Smartphone Multichannel Breathing Sensor With Camera-Division Multiplexing. , 2019, 3, 1-4.		16
6	Fabrication and performance evaluation of reflectorless refractive index fiber optic sensors using etched enhanced backscattering fibers. Measurement: Journal of the International Measurement Confederation, 2021, 172, 108874.	5.0	5
7	Investigation of Thermal Effects of Radiofrequency Ablation Mediated with Iron Oxide Nanoparticles Dispersed in Agarose and Chitosan Solvents. Applied Sciences (Switzerland), 2021, 11, 2437.	2.5	5
8	Optical Fiber Biosensor Based on an Etched High-Scattering Fiber: Towards Reflector-Less Biosensors. , 2020, , .		1