

Denis G Lapitan

List of Publications by Year in descending order

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8
papers

43
citations

2258059

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2272923

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8
all docs

8
docs citations

8
times ranked

12
citing authors

#	ARTICLE	IF	CITATIONS
1	Combined Non-Invasive Optical Oximeter and Flowmeter with Basic Metrological Equipment. Photonics, 2022, 9, 392.	2.0	3
2	Optical incoherent technique for noninvasive assessment of blood flow in tissues: Theoretical model and experimental study. Journal of Biophotonics, 2021, 14, e202000459.	2.3	14
3	Theoretical Justification of Sensor Parameters for Cerebral Oximeter Based on CT Data and Monte Carlo Modeling of Light Transport. , 2021, , .		1
4	Analytical Assessment of the Modulation Depth of Photoplethysmographic Signal Based on the Modified Beer-Lambert Law. , 2019, , .		6
5	False spectra formation in the differential two-channel scheme of the laser Doppler flowmeter. Biomedizinische Technik, 2018, 63, 439-444.	0.8	4
6	A Method and a Device Prototype for Noninvasive Measurements of Blood Perfusion in a Tissue. Instruments and Experimental Techniques, 2018, 61, 745-750.	0.5	13
7	Model of Doppler scattering with variable blood volume in laser Doppler flowmetry. , 2017, , .		1
8	Evaluation of the Doppler component contribution in the total backscattered flux for noninvasive medical spectroscopy. , 2014, , .		1