

Vsevolod A Simon

List of Publications by Year in descending order

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Version: 2024-02-01

30
papers

75
citations

1937685

4
h-index

1872680

6
g-index

30
all docs

30
docs citations

30
times ranked

26
citing authors

#	ARTICLE	IF	CITATIONS
1	Analysis of the water composition using emission spectra of a gas discharge. , 2017, , .		8
2	Modification of the photosensitive CCD structures for application in the spectrometric equipment. , 2017, , .		8
3	A method of cardiac signal registration through a capacitive coupling between sensors and patient's skin. , 2016, , .		5
4	Compensation of the nonuniformity of sensitivity for the multielement infrared photodetector. Journal of Physics: Conference Series, 2017, 929, 012075.	0.4	5
5	Method of recording bioelectrical signals using a capacitive coupling. Journal of Physics: Conference Series, 2017, 929, 012016.	0.4	5
6	Modification of the CCD photodetectors for the suppression of interference in their internal structure. Journal of Physics: Conference Series, 2018, 1038, 012098.	0.4	5
7	Raman spectroscopy for identification of wood species. Journal of Physics: Conference Series, 2016, 741, 012131.	0.4	4
8	Improvement of the measurement accuracy of the spectral method for evaluation parameters of the optically transparent thin films. Journal of Physics: Conference Series, 2017, 872, 012044.	0.4	4
9	Optimization of the methods for measuring color characteristics of light-emitting diodes in laboratory conditions. Journal of Physics: Conference Series, 2018, 1038, 012069.	0.4	4
10	Single-channel electroencephalograph for monitoring the depth of anaesthesia. Journal of Physics: Conference Series, 2017, 881, 012021.	0.4	3
11	Prototype of the intraoral dental scanner based on a laser scanning system. AIP Conference Proceedings, 2019, , .	0.4	3
12	A non-invasive optical technique for the liquid level metering. , 2018, , .		2
13	Peculiarities of noncontact cardiac signal registration. Journal of Physics: Conference Series, 2018, 1124, 031003.	0.4	2
14	Application of the gas-discharge surge arresters in X-ray devices and low voltage instrumentation. Journal of Physics: Conference Series, 2018, 967, 012015.	0.4	2
15	One-channel EEG monitor for tracking the depth of narcosis. Journal of Physics: Conference Series, 2018, 1038, 012028.	0.4	2
16	Analog-digital educational setup for electrocardiogram and photoplethysmogram registration. AIP Conference Proceedings, 2019, , .	0.4	2
17	Optimization of the process of biomedical signals registration using an optical spectrometer. AIP Conference Proceedings, 2019, , .	0.4	2
18	Compensation of the calibration drift in the spectrometers used for biomedical applications. AIP Conference Proceedings, 2019, , .	0.4	2

#	ARTICLE	IF	CITATIONS
19	An Approach to Digital Adaptive Filtering of Bioelectric Signals. , 2019, , .		2
20	Application of an Automated Optoelectronic System for Determining Position of an Object. , 2019, , .		2
21	Wireless sensor with energy harvester. , 2017, , .		1
22	Method for improving the quality of focusing in optical spectrometers used for the diagnosis of plasma spectra. Journal of Physics: Conference Series, 2019, 1313, 012055.	0.4	1
23	A method of simultaneous registration of biomedical signals. AIP Conference Proceedings, 2019, , .	0.4	1
24	Scientific and Technical Cooperation Between ETU "LETI" and LLC "C.Nord" in the Implementation of Joint Projects. , 2018, , .		0
25	Development of a device for monitoring gas discharge parameters in a system with boiling liquid in a channel. IOP Conference Series: Materials Science and Engineering, 2018, 387, 012064.	0.6	0
26	Distribution of coating thickness applied by magnetron sputtering. IOP Conference Series: Materials Science and Engineering, 2018, 387, 012051.	0.6	0
27	Calculation of the temperature effect of laser radiation on biological tissues. AIP Conference Proceedings, 2019, , .	0.4	0
28	Research of the effect of modulated laser radiation on biological tissues. AIP Conference Proceedings, 2019, , .	0.4	0
29	Research of the simplified human recognition algorithms for controlling household appliances. AIP Conference Proceedings, 2020, , .	0.4	0
30	Microcontroller power supply with adjustable output for biomedical devices and other electronic applications. AIP Conference Proceedings, 2021, , .	0.4	0