

Elena V Zharkikh

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

152
citations

1478505

6
h-index

1588992

8
g-index

22
all docs

22
docs citations

22
times ranked

109
citing authors

#	ARTICLE	IF	CITATIONS
1	Body Position Affects Capillary Blood Flow Regulation Measured with Wearable Blood Flow Sensors. <i>Diagnostics</i> , 2021, 11, 436.	2.6	12
2	Skin Blood Perfusion and Fluorescence Parameters in Pregnant Women with Type 1 Diabetes Mellitus. , 2021, , .		1
3	Biophotonics methods for functional monitoring of complications of diabetes mellitus. <i>Journal of Biophotonics</i> , 2020, 13, e202000203.	2.3	19
4	Wearable laser Doppler flowmetry for the analysis of microcirculatory changes during intravenous infusion in patients with diabetes mellitus. , 2020, , .		1
5	Wearable laser Doppler sensors for evaluating the nutritive and shunt blood flow. , 2020, , .		1
6	Time-frequency analysis and laser Doppler spectrum decomposition to reveal new feature space for diagnosis of diabetes mellitus vascular complications. , 2020, , .		0
7	Optical noninvasive diagnostics of dynamic changes in the level of blood microcirculation and oxidative metabolism using temperature tests. , 2020, , .		2
8	Novel wearable VCSEL-based sensors for multipoint measurements of blood perfusion. , 2019, , .		2
9	Pilot studies of age-related changes in blood perfusion in two different types of skin. , 2019, , .		2
10	Wearable sensor system for multipoint measurements of blood perfusion: pilot studies in patients with diabetes mellitus. , 2019, , .		5
11	Studies of age-related changes in blood perfusion coherence using wearable blood perfusion sensor system. , 2019, , .		2
12	Spectral analysis of the blood flow in the foot microvascular bed during thermal testing in patients with diabetes mellitus. <i>Microvascular Research</i> , 2018, 120, 13-20.	2.5	36
13	Laser doppler spectrum decomposition applied in diagnostics of microcirculatory disturbances. , 2018, , .		1
14	Fibre-optic probe for fluorescence diagnostics with blood influence compensation. , 2018, , .		3
15	Blood flow oscillations as a signature of microvascular abnormalities. , 2018, , .		1
16	Peculiarities of local blood microcirculation in patients with psoriasis. , 2018, , .		2
17	Evaluation of blood microcirculation parameters by combined use of laser Doppler flowmetry and videocapillaroscopy methods. <i>Proceedings of SPIE</i> , 2017, , .	0.8	3
18	Application of optical non-invasive methods to diagnose the state of the lower limb tissues in patients with diabetes mellitus. <i>Journal of Physics: Conference Series</i> , 2017, 929, 012069.	0.4	1

#	ARTICLE	IF	CITATIONS
19	Functional Changes in Blood Microcirculation in the Skin of the Foot during Heating Tests in Patients with Diabetes Mellitus. Human Physiology, 2017, 43, 693-699.	0.4	10
20	A Complex Approach to Noninvasive Estimation of Microcirculatory Tissue Impairments in Feet of Patients with Diabetes Mellitus using Spectroscopy. Optics and Spectroscopy (English Translation of) Tj ETQq0 0 0gBT /Overclock 10 Tf		
21	Multimodal optical measurement for study of lower limb tissue viability in patients with diabetes mellitus. Journal of Biomedical Optics, 2017, 22, 1.	2.6	40