

# Elena V Zharkikh

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/351920/publications.pdf>

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	Multimodal optical measurement for study of lower limb tissue viability in patients with diabetes mellitus. <i>Journal of Biomedical Optics</i> , 2017, 22, 1.	2.6	40
2	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
3	Biophotonics methods for functional monitoring of complications of diabetes mellitus. <i>Journal of Biophotonics</i> , 2020, 13, e202000203.	2.3	19
4	Body Position Affects Capillary Blood Flow Regulation Measured with Wearable Blood Flow Sensors. <i>Diagnostics</i> , 2021, 11, 436.	2.6	12
5	Functional Changes in Blood Microcirculation in the Skin of the Foot during Heating Tests in Patients with Diabetes Mellitus. <i>Human Physiology</i> , 2017, 43, 693-699.	0.4	10
6	A Complex Approach to Noninvasive Estimation of Microcirculatory Tissue Impairments in Feet of Patients with Diabetes Mellitus using Spectroscopy. <i>Optics and Spectroscopy (English Translation of Tj ETQq0 0 0gBT /Overclock 10 Tf</i>		
7	Wearable sensor system for multipoint measurements of blood perfusion: pilot studies in patients with diabetes mellitus. , 2019, , .		5
8	Evaluation of blood microcirculation parameters by combined use of laser Doppler flowmetry and videocapillaroscopy methods. <i>Proceedings of SPIE</i> , 2017, , .	0.8	3
9	Fibre-optic probe for fluorescence diagnostics with blood influence compensation. , 2018, , .		3
10	Novel wearable VCSEL-based sensors for multipoint measurements of blood perfusion. , 2019, , .		2
11	Pilot studies of age-related changes in blood perfusion in two different types of skin. , 2019, , .		2
12	Studies of age-related changes in blood perfusion coherence using wearable blood perfusion sensor system. , 2019, , .		2
13	Peculiarities of local blood microcirculation in patients with psoriasis. , 2018, , .		2
14	Optical noninvasive diagnostics of dynamic changes in the level of blood microcirculation and oxidative metabolism using temperature tests. , 2020, , .		2
15	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
16	Laser doppler spectrum decomposition applied in diagnostics of microcirculatory disturbances. , 2018, , .		1
17	Wearable laser Doppler flowmetry for the analysis of microcirculatory changes during intravenous infusion in patients with diabetes mellitus. , 2020, , .		1
18	Wearable laser Doppler sensors for evaluating the nutritive and shunt blood flow. , 2020, , .		1

#	ARTICLE	IF	CITATIONS
19	Blood flow oscillations as a signature of microvascular abnormalities. , 2018, , .		1
20	Skin Blood Perfusion and Fluorescence Parameters in Pregnant Women with Type 1 Diabetes Mellitus. , 2021, , .		1
21	Time-frequency analysis and laser Doppler spectrum decomposition to reveal new feature space for diagnosis of diabetes mellitus vascular complications. , 2020, , .		0