Vladimir I Gridnev

List of Publications by Year
in descending order

43	351	840119 11	839053 18
papers	citations	h-index	g-index

43	43	43	418
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Contribution of Cardiorespiratory Coupling to the Irregular Dynamics of the Human Cardiovascular System. Mathematics, 2022, 10, 1088.	1.1	3
2	Application of the Appropriate Use Criteria for Coronary Revascularization in Patients with Acute Coronary Syndrome in the Russian Federation: Data from the Federal Registry. Eurasian Journal of Medicine, 2021, 53, 96-101.	0.2	0
3	Low-frequency component of photoplethysmogram reflects the autonomic control of blood pressure. Biophysical Journal, 2021, 120, 2657-2664.	0.2	27
4	Spectral Analysis of Photoplethysmography Signal in Patients with Cardiovascular Diseases and Healthy Subjects. , 2021, , .		2
5	Synchronization of the Processes of Autonomic Control of Blood Circulation in Humans Is Different in the Awake State and in Sleep Stages. Frontiers in Neuroscience, 2021, 15, 791510.	1.4	4
6	Missing value imputation with linear methods in the database of cardiological patients in prediction of mortality. Cardio-IT, 2021, 8, .	0.3	0
7	Comparison of methods of quantitative analysis of phase synchronization according to test data modeling non-stationary signals of biological nature. , 2020, , .		1
8	Mathematical modeling of the cardiovascular autonomic control in healthy subjects during a passive head-up tilt test. Scientific Reports, 2020, 10, 16525.	1.6	22
9	Development of features of the autonomic circulatory regulation in late premature and full term infants. , 2020, , .		0
10	Comparing Spectral Properties Of Finger Photoplethysmography Signals In Healthy Subjects And Arterial Hypertension Patients. , 2020, , .		0
11	Reconstructions of model equations of time-delay system from short experimental time series. International Journal of Modeling, Simulation, and Scientific Computing, 2020, 11, 2050014.	0.9	2
12	Medicamentous therapy of stable coronary artery disease sensu the guidelines on myocardial revascularization. Saratov Medical Journal, 2020, , .	0.0	1
13	Uncovering Interaction Between The Loops Of Autonomic Regulation Of Blood Circulation From Long Time Series. Russian Open Medical Journal, 2020, 9, .	0.1	3
14	Discrepancy between the European clinical guidelines and myocardial revascularization in patients with stable coronary artery disease in Russia. International Journal for Quality in Health Care, 2019, 31, 269-275.	0.9	1
15	Choosing parameters for the analysis of synchronization of the autonomic regulatory contours of blood circulation in newborns. , 2019, , .		0
16	Dynamics of Low-Frequency Components of Photoplethysmogram Signals in Hypertension. , 2019, , .		1
17	Experimental observation of Arnold tongues in the analysis of the signal from contour of the autonomous regulation of heart rate and respiration. , 2019, , .		0
18	Diagnostics of coupling between low-frequency loops in cardiovascular autonomic control in adults, newborns and mathematical model using cross-recurrence analysis. Russian Open Medical Journal, 2019, 8, .	0.1	1

#	Article	IF	Citations
19	Dynamics of spectral indices of the heart rate variability and the photoplethysmogram and synchronization of the low-frequency oscillations in healthy subjects during the tilt test. , 2019, , .		1
20	Application of information technologies for selection of treatment strategy in patients with stable coronary artery disease. Cardio-IT, 2019, 6, e0201.	0.3	1
21	Statistical properties of the phase synchronization index of cardiovascular autonomic control contours. Russian Open Medical Journal, 2018, 7, e0403.	0.1	3
22	Objectives and design of Russian Registry of Hypertension, Coronary Artery Disease, and Chronic Heart Failure. Russian Open Medical Journal, 2017, 6, e0201.	0.1	4
23	Clinical Factors Affecting the Goal Blood Pressure in Hypertensive Patients of a Rural Polyclinic in Russia. Open Hypertension Journal, 2017, 9, 6-15.	0.8	1
24	Objectives and Design of the Russian Acute Coronary Syndrome Registry (RusACSR). Clinical Cardiology, 2016, 39, 1-8.	0.7	13
25	Model of human cardiovascular system with a loop of autonomic regulation of the mean arterial pressure. Journal of the American Society of Hypertension, 2016, 10, 235-243.	2.3	28
26	Method of estimation of synchronization strength between low-frequency oscillations in heart rate variability and photoplethysmographic waveform variability. Russian Open Medical Journal, 2016, 5, e0101.	0.1	35
27	Method of assessment of synchronization between low-frequency oscillations in heart rate variability and photoplethysmogram. Cardio-IT, 2016, 3, e0101.	0.3	4
28	Which Measures of Health Status Assessment are the Most Significant in Organized Cohorts with Low Current Cardiovascular Risk? The Screening Study of Penitentiary Staff in Saratov Region, Russia. Eurasian Journal of Medicine, 2016, 48, 42-52.	0.2	0
29	System of clinical indicators for patients with ST-segment elevation acute coronary syndrome. Cardio-IT, 2016, 3, e0202.	0.3	1
30	System of clinical quality indicators for patients with non-ST-segment elevation acute coronary syndrome. Cardio-IT, 2016, 3, e0201.	0.3	1
31	Technology of using of healthcare quality indicators in cardiovascular diseases registries. Cardio-IT, 2016, 3, e0203.	0.3	0
32	Performance of recommended treatment measures in patients with acute coronary syndrome in 2014: a report on the data from federal registry. Cardio-IT, 2015, 2, e0101.	0.3	3
33	Autonomic control of cardiovascular system in pre- and postmenopausal women: a cross-sectional study. Journal of the Turkish German Gynecology Association, 2015, 16, 11-20.	0.2	16
34	Effects of antihypertensive treatment on cardiovascular autonomic control: a prospective study. Anatolian Journal of Cardiology, 2014, 14, 701-710.	0.4	17
35	Impact of patient-related and treatment-related factors on in-hospital mortality of patients with ST-elevation myocardial infarction: Data of Russian Acute Coronary Syndrome Registry. Cor Et Vasa, 2014, 56, e217-e227.	0.1	4
36	Implementation of percutaneous coronary interventions in patients with acute coronary syndrome in Russia and clinical factors influencing decision making. Cor Et Vasa, 2014, 56, e1-e10.	0.1	4

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37	Federal Registry of Acute Coronary Syndrome user guide. Cardio-IT, 2014, 1, 0203.	0.3	4
38	Experience of untrained usersâ€™ work audit conducted during the testing of Federal Registry of patients with acute coronary syndrome. Cardio-IT, 2014, 1, 0301.	0.3	1
39	View on the Problem of Managing of Medical Care Quality. Oman Medical Journal, 2012, 27, 261-262.	0.3	4
40	Selection of optimal dose of beta-blocker treatment in myocardial infarction patients based on changes in synchronization between 0.1â€ŠHz oscillations in heart rate and peripheral microcirculation. Journal of Cardiovascular Medicine, 2012, 13, 491-498.	0.6	23
41	Evaluation of 5â€Year Risk of Cardiovascular Events in Patients after Acute Myocardial Infarction Using Synchronization of 0.1â€Hz Rhythms in Cardiovascular System. Annals of Noninvasive Electrocardiology, 2012, 17, 204-213.	0.5	26
42	Active ambulatory care management supported by short message services and mobile phone technology in patients with arterial hypertension. Journal of the American Society of Hypertension, 2012, 6, 346-355.	2.3	74
43	Diagnostic of cardio-vascular disease with help of largest Lyapunov exponent of RR-sequences. Chaos, Solitons and Fractals, 2000, 11, 807-814.	2.5	15