

Sergey Alexandrovich Afanasiev

List of Publications by Year in descending order

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Version: 2024-02-01

56
papers

161
citations

1683354

5
h-index

1473754

9
g-index

60
all docs

60
docs citations

60
times ranked

304
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Ventricular tachycardia incidence and erythrocyte membranes β -adrenoreactivity in patients with implanted cardioverter-defibrillator. <i>PACE - Pacing and Clinical Electrophysiology</i> , 2022, 45, 452-460. | 0.5 | 3 |
| 2 | Antidiabetic Effects of Bisamide Derivative of Dicarboxylic Acid in Metabolic Disorders. <i>International Journal of Molecular Sciences</i> , 2020, 21, 991. | 1.8 | 5 |
| 3 | Features the interaction of functional and metabolic remodeling of myocardium in comorbid course of ischemic heart disease and 2 type diabetes mellitus. <i>Diabetes Mellitus</i> , 2019, 22, 25-34. | 0.5 | 5 |
| 4 | Diabetes mellitus type 2 and acute myocardial infarction: prognostic options for interaction in patients of different age groups. <i>Diabetes Mellitus</i> , 2018, 21, 105-112. | 0.5 | 7 |
| 5 | Coupling of the Functional Stability of Rat Myocardium and Activity of Lipid Peroxidation in Combined Development of Postinfarction Remodeling and Diabetes Mellitus. <i>Journal of Diabetes Research</i> , 2016, 2016, 1-6. | 1.0 | 6 |
| 6 | Effect of stimulating the auricular branch of the vagus nerve on the heart rate in patients with severe chronic heart failure. <i>Human Physiology</i> , 2016, 42, 416-420. | 0.1 | 0 |
| 7 | Age-Dependent Changes in Na ⁺ ,K ⁺ -ATPase Activity and Lipid Peroxidation in Membranes of Erythrocytes during Cardiosclerosis Development in Rats. <i>Bulletin of Experimental Biology and Medicine</i> , 2016, 161, 235-236. | 0.3 | 4 |
| 8 | Nonpharmacological Correction of Hypersympatheticotonia in Patients with Chronic Coronary Insufficiency and Severe Left Ventricular Dysfunction. <i>Annals of Noninvasive Electrocardiology</i> , 2016, 21, 548-556. | 0.5 | 17 |
| 9 | The association of ITGB3 gene and NOS3 gene with the severity of coronary artery disease with and without type 2 diabetes. <i>Diabetes Mellitus</i> , 2016, 19, 302-308. | 0.5 | 0 |
| 10 | Microviscosity of erythrocyte membranes in chronic coronary insufficiency in patients of middle and older age groups. <i>Advances in Gerontology</i> , 2015, 5, 45-49. | 0.1 | 1 |
| 11 | Effect of Arachidonic Acid on the Rate of Oxygen Consumption in Isolated Cardiomyocytes from Intact Rats and Animals with Ischemic or Diabetic Injury to the Heart. <i>Bulletin of Experimental Biology and Medicine</i> , 2015, 160, 190-192. | 0.3 | 6 |
| 12 | Microviscosity of erythrocyte membranes during chronic heart failure in patients of middle and senior age groups. <i>Advances in Gerontology</i> , 2015, 5, 89-93. | 0.1 | 0 |
| 13 | LIPID PEROXIDATION AND THE LEVEL OF FREE FATTY ACIDS IN PATIENTS WITH DIABETES 2ND TYPE IN INSULIN THERAPY AND INTENSIVE GLYCEMIC CONTROL IN ACUTE PHASE OF MYOCARDIAL INFARCTION. <i>Cardiovascular Therapy and Prevention (Russian Federation)</i> , 2015, 14, 25-30. | 0.4 | 3 |
| 14 | GENE CYP2C19 POLYMORPHISM G681A INFLUENCE ON THE EFFICACY OF CLOPIDOGREL IN ENDOVASCULAR TREATMENT OF ISCHEMIC HEART DISEASE COMORBID WITH TYPE 2 DIABETES. <i>Russian Journal of Cardiology</i> , 2015, , 81. | 0.4 | 0 |
| 15 | Comparative Analysis of Changes of Myocardial Angiogenesis and Energy Metabolism in Postinfarction and Diabetic Damage of Rat Heart. <i>Journal of Diabetes Research</i> , 2014, 2014, 1-4. | 1.0 | 5 |
| 16 | Expression of Ca ²⁺ -ATPase in Sarcoplasmic Reticulum in Rat Cardiomyocytes during Experimental Postinfarction Cardiosclerosis and Diabetes Mellitus. <i>Bulletin of Experimental Biology and Medicine</i> , 2014, 156, 750-752. | 0.3 | 1 |
| 17 | Age-related characteristics of erythrocyte membrane microviscosity in experimental cardiosclerosis. <i>Advances in Gerontology</i> , 2013, 3, 211-214. | 0.1 | 5 |
| 18 | Comparative Study of Changes in Energy Metabolism in Rat Cardiomyocytes in Postinfarction Cardiosclerosis and Diabetes Mellitus. <i>Bulletin of Experimental Biology and Medicine</i> , 2013, 156, 185-187. | 0.3 | 3 |

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|----|---|-----|-----------|
| 19 | Development of an Experimental Model of Cardiac Failure Combined with Type I Diabetes Mellitus. Bulletin of Experimental Biology and Medicine, 2012, 153, 530-532. | 0.3 | 5 |
| 20 | Radiofrequency Ablation as a Possible Method for Preparing Pathologically Altered Myocardium for Intramyocardial Cell Transplantation. Bulletin of Experimental Biology and Medicine, 2012, 152, 513-515. | 0.3 | 0 |
| 21 | Features of lipid peroxidation in rats of different age after postinfarction cardiosclerosis. Advances in Gerontology, 2011, 1, 72-75. | 0.1 | 2 |
| 22 | Lipid peroxidation during cardiac remodeling in 12-month-old rats with experimental infarction. Bulletin of Experimental Biology and Medicine, 2011, 150, 570-571. | 0.3 | 0 |
| 23 | Economical Technology of Creation of Cell-Free Matrix of Animal and Human Arterial Vessels. Bulletin of Experimental Biology and Medicine, 2011, 151, 543-546. | 0.3 | 0 |
| 24 | Evaluation of the Efficacy of Granulocytic Colony-Stimulating Factor for the Treatment of Experimental Myocardial Destruction in Mice. Bulletin of Experimental Biology and Medicine, 2010, 149, 131-134. | 0.3 | 0 |
| 25 | Effect of Model Biological Media of Stability of Complex of Silver Nanoparticles Applied onto Silicon Nitride Substrate. Bulletin of Experimental Biology and Medicine, 2010, 150, 160-164. | 0.3 | 3 |
| 26 | Manifestation of Adaptive Changes during Combined Development of Postinfarction Remodeling of the Heart and Diabetes Mellitus. Bulletin of Experimental Biology and Medicine, 2010, 150, 172-174. | 0.3 | 2 |
| 27 | Changes in the Rhythmoinotropic Dependence of the Myocardium in Rats with Postinfarction Cardiosclerosis after β_1 -Adrenoreceptor Blocking. Bulletin of Experimental Biology and Medicine, 2009, 147, 371-374. | 0.3 | 2 |
| 28 | Effect of Transplantation of Bone Marrow Cells on Morphology of Rat Myocardium after Cryodestruction. Bulletin of Experimental Biology and Medicine, 2009, 147, 517-520. | 0.3 | 1 |
| 29 | Comparative Assessment of Heart Remodeling in Rats after Experimental Coronary Stenosis and Cryodestruction. Bulletin of Experimental Biology and Medicine, 2009, 147, 695-697. | 0.3 | 2 |
| 30 | Rhythmoinotropic Myocardial Reactions in Rats with Postinfarction Cardiosclerosis against the Background of Streptozotocin-Induced Diabetes. Bulletin of Experimental Biology and Medicine, 2009, 148, 181-183. | 0.3 | 3 |
| 31 | Colony-forming cells in rat myocardium after destructive exposure and intramyocardial transplantation of bone marrow cells. Bulletin of Experimental Biology and Medicine, 2008, 145, 137-140. | 0.3 | 0 |
| 32 | Effect of stress-proteins on survival of bone marrow mesenchymal stem cells after intramyocardial transplantation against the background of postinfarction heart remodeling. Bulletin of Experimental Biology and Medicine, 2008, 146, 111-115. | 0.3 | 3 |
| 33 | Free radical lipid peroxidation during amiodarone therapy for postinfarction cardiosclerosis. Bulletin of Experimental Biology and Medicine, 2008, 146, 283-285. | 0.3 | 2 |
| 34 | Role of Phospholipase A2 in Activation of Isolated Cardiomyocyte Respiration in Postinfarction Cardiosclerosis. Bulletin of Experimental Biology and Medicine, 2008, 146, 695-697. | 0.3 | 4 |
| 35 | Phospholipid composition of erythrocyte membrane under conditions of postmyocardial infarction cardiosclerosis. Biochemistry (Moscow) Supplement Series B: Biomedical Chemistry, 2008, 2, 166-168. | 0.2 | 1 |
| 36 | Adaptive changes in the myocardium of patients with ischemic heart disease. Human Physiology, 2006, 32, 177-181. | 0.1 | 2 |

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|----|---|-----|-----------|
| 37 | Activity of leukocyte lactate dehydrogenase isozymes in subjects of different ages. Human Physiology, 2006, 32, 245-247. | 0.1 | 0 |
| 38 | Inhibition of calmodulin prevents spasms in autologous arterial bypass grafts during coronary disease surgery. Human Physiology, 2006, 32, 662-665. | 0.1 | 1 |
| 39 | Inotropic Response of the Myocardium in Rats with Postinfarction Cardiosclerosis Exposed to Extrasystolic Treatment. Bulletin of Experimental Biology and Medicine, 2005, 139, 647-650. | 0.3 | 3 |
| 40 | A Simple Method for Isolation of Cardiomyocytes from Adult Rat Heart. Bulletin of Experimental Biology and Medicine, 2005, 140, 370-373. | 0.3 | 18 |
| 41 | Metabolic Alterations in Rat Myocardium in Experimental Acute Atrial Fibrillation. Bulletin of Experimental Biology and Medicine, 2005, 140, 397-399. | 0.3 | 5 |
| 42 | Contribution of β -adrenoceptors to the contractility of the human myocardium in chronic coronary heart disease. Human Physiology, 2005, 31, 114-116. | 0.1 | 1 |
| 43 | Cardiac Effects of the Class III Antiarrhythmic Drugs Amiodarone and Nibentan. Human Physiology, 2005, 31, 467-471. | 0.1 | 0 |
| 44 | In Vitro Formation of Mesenchymal Bone Marrow Islets. Bulletin of Experimental Biology and Medicine, 2004, 137, 625-627. | 0.3 | 1 |
| 45 | Initiation of stress protein synthesis in the myocardium of coronary patients. Bulletin of Experimental Biology and Medicine, 2004, 138, 365-368. | 0.3 | 1 |
| 46 | Effect of amiodarone on the dynamics of mechanical restitution of rat papillary muscles. Bulletin of Experimental Biology and Medicine, 2003, 135, 265-267. | 0.3 | 0 |
| 47 | Effect of amiodarone on functional state of sarcoplasmic reticulum in rat myocardium. Bulletin of Experimental Biology and Medicine, 2002, 133, 205-207. | 0.3 | 2 |
| 48 | Effect of class III antiarrhythmic preparation nibentan on extrasystolic and post-extrasystolic contraction of rat papillary muscle. Bulletin of Experimental Biology and Medicine, 2002, 134, 15-17. | 0.3 | 0 |
| 49 | Cardioprotective effect of trimetazidine during thrombolytic therapy in patients with acute myocardial infarction. Bulletin of Experimental Biology and Medicine, 2002, 134, 559-561. | 0.3 | 4 |
| 50 | Effects of age and ischemia on levels of lipoperoxides and lipid-soluble antioxidants in the human heart. Bulletin of Experimental Biology and Medicine, 1995, 119, 561-563. | 0.3 | 5 |
| 51 | Changes in rhythmoinotropic reactions of the myocardium in chronic ischemia: Pathology or adaptation?. Bulletin of Experimental Biology and Medicine, 1994, 117, 452-454. | 0.3 | 3 |
| 52 | Opiatergic mechanisms of the cardiotropic effect of acute cooling. Bulletin of Experimental Biology and Medicine, 1994, 118, 1273-1275. | 0.3 | 0 |
| 53 | Inotropic responses of human myocardium in ischemic heart disease. Bulletin of Experimental Biology and Medicine, 1993, 115, 633-636. | 0.3 | 1 |
| 54 | Cardiac contractility after acute cooling of the organism and adaptogenic correction of its disorders. Bulletin of Experimental Biology and Medicine, 1993, 116, 1355-1357. | 0.3 | 1 |

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|----|---|-----|-----------|
| 55 | Effect of synthetic enkephalins on prostaglandin synthesis and lipid peroxidation in the isolated heart during activation of free radical processes. Bulletin of Experimental Biology and Medicine, 1992, 114, 1596-1599. | 0.3 | 0 |
| 56 | Functional heterogeneity of the atrial myocardium of patients with congenital and acquired heart defects. Bulletin of Experimental Biology and Medicine, 1992, 114, 1231-1232. | 0.3 | 0 |