# Oleg E Osadchii

List of Publications by Year
in descending order



| 48 | 1,043 | 489802 | 488211 |
|---|---|---|---|
| papers | citations | 18 h-index | 31 g-index |

| 48 | 48 | 48 | 1318 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Electrocardiographic marker of the cardiac action potential triangulation induced by antiarrhythmic drugs in perfused guineaâ€pig heart. Experimental Physiology, 2022, 107, 864-878. | 0.9 | 1 |
| 2 | Antiarrhythmic drug effects on premature beats are partly determined by prior cardiac activation frequency in perfused guineaâ€pig heart. Experimental Physiology, 2020, 105, 819-830. | 0.9 | 1 |
| 3 | Integrated curriculum: a contemporary innovation strategy in medical education. Kuban Scientific Medical Bulletin, 2020, 27, 51-61. | 0.1 | 1 |
| 4 | What is the Difference between Online Learning and Traditional Teaching in Medical Education?. Kuban Scientific Medical Bulletin, 2020, 27, 175-183. | 0.1 | 2 |
| 5 | Effects of antiarrhythmics on the electrical restitution in perfused guineaâ€pig heart are critically determined by the applied cardiac pacing protocol. Experimental Physiology, 2019, 104, 490-504. | 0.9 | 9 |
| 6 | Effects of antiarrhythmics and hypokalemia on the rate adaptation of cardiac repolarization. Scandinavian Cardiovascular Journal, 2018, 52, 218-226. | 0.4 | 4 |
| 7 | Determinants of slowed conduction in premature ventricular beats induced during programmed stimulations in perfused guineaâ€pig heart. Experimental Physiology, 2018, 103, 1230-1242. | 0.9 | 2 |
| 8 | Arrhythmogenic drugs can amplify spatial heterogeneities in the electrical restitution in perfused guinea-pig heart: An evidence from assessments of monophasic action potential durations and JT intervals. PLoS ONE, 2018, 13, e0191514. | 1.1 | 5 |
| 9 | Assessments of the QT/QRS restitution in perfused guinea-pig heart can discriminate safe and arrhythmogenic drugs. Journal of Pharmacological and Toxicological Methods, 2017, 87, 27-37. | 0.3 | 1 |
| 10 | Effects of Na+ channel blockers on the restitution of refractory period, conduction time, and excitation wavelength in perfused guinea-pig heart. PLoS ONE, 2017, 12, e0172683. | 1.1 | 8 |
| 11 | Flecainide attenuates rate adaptation of ventricular repolarization in guinea-pig heart. Scandinavian Cardiovascular Journal, 2016, 50, 28-35. | 0.4 | 8 |
| 12 | Flecainide-induced prolongation of ventricular repolarization contributes to the proarrhythmic profile of action. International Journal of Cardiology, 2015, 197, 81-82. | 0.8 | 3 |
| 13 | Emerging role of neurotensin in regulation of the cardiovascular system. European Journal of Pharmacology, 2015, 762, 184-192. | 1.7 | 45 |
| 14 | Impact of Hypokalemia on Electromechanical Window, Excitation Wavelength and Repolarization Gradients in Guinea-Pig and Rabbit Hearts. PLoS ONE, 2014, 9, e105599. | 1.1 | 21 |
| 15 | Reduced intrinsic heart rate is associated with reduced arrhythmic susceptibility in guinea-pig heart. Scandinavian Cardiovascular Journal, 2014, 48, 357-367. | 0.4 | 4 |
| 16 | Impaired epicardial activationâ€“repolarization coupling contributes to the proarrhythmic effects of hypokalaemia and dofetilide in guinea pig ventricles. Acta Physiologica, 2014, 211, 48-60. | 1.8 | 11 |
| 17 | Effects of Na+ Channel Blockers on Extrasystolic Stimulation-evoked Changes in Ventricular Conduction and Repolarization. Journal of Cardiovascular Pharmacology, 2014, 63, 240-251. | 0.8 | 12 |
| 18 | Procainamide and lidocaine produce dissimilar changes in ventricular repolarization and arrhythmogenicity in guineaâ€pig. Fundamental and Clinical Pharmacology, 2014, 28, 382-393. | 1.0 | 16 |

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|---|---|---|---|
| 19 | Quinidine elicits proarrhythmic changes in ventricular repolarization and refractoriness in guinea-pig. Canadian Journal of Physiology and Pharmacology, 2013, 91, 306-315. | 0.7 | 18 |
| 20 | Flecainide-Induced Proarrhythmia Is Attributed to Abnormal Changes in Repolarization and Refractoriness in Perfused Guinea-Pig Heart. Journal of Cardiovascular Pharmacology, 2012, 60, 456-466. | 0.8 | 18 |
| 21 | Dofetilide Promotes Repolarization Abnormalities in Perfused Guinea-pig Heart. Cardiovascular Drugs and Therapy, 2012, 26, 489-500. | 1.3 | 20 |
| 22 | Effects of ventricular pacing protocol on electrical restitution assessments in guineaâ€pig heart. Experimental Physiology, 2012, 97, 807-821. | 0.9 | 29 |
| 23 | Impact of Na+ channel blockers on transmural dispersion of refractoriness and arrhythmic susceptibility in guinea-pig left ventricle. European Journal of Pharmacology, 2012, 691, 173-181. | 1.7 | 7 |
| 24 | Electrophysiological determinants of arrhythmic susceptibility upon endocardial and epicardial pacing in guineaâ€pig heart. Acta Physiologica, 2012, 205, 494-506. | 1.8 | 6 |
| 25 | Myocardial structural, contractile and electrophysiological changes in the guinea-pig heart failure model induced by chronic sympathetic activation. Experimental Physiology, 2011, 96, 647-663. | 0.9 | 35 |
| 26 | Chronic sympathetic activation promotes downregulation of Î²-adrenoceptor-mediated effects in the guinea pig heart independently of structural remodeling and systolic dysfunction. Pflugers Archiv European Journal of Physiology, 2011, 462, 529-543. | 1.3 | 20 |
| 27 | Na+ channel distribution and electrophysiological heterogeneities in guinea pig ventricular wall. American Journal of Physiology - Heart and Circulatory Physiology, 2011, 300, H989-H1002. | 1.5 | 18 |
| 28 | Mechanisms of hypokalemiaâ€induced ventricular arrhythmogenicity. Fundamental and Clinical Pharmacology, 2010, 24, 547-559. | 1.0 | 119 |
| 29 | Predictive value of electrical restitution in hypokalemia-induced ventricular arrhythmogenicity. American Journal of Physiology - Heart and Circulatory Physiology, 2010, 298, H210-H220. | 1.5 | 29 |
| 30 | Activation of big conductance Ca2+-activated K+ channels (BK) protects the heart against ischemiaâ€“reperfusion injury. Pflugers Archiv European Journal of Physiology, 2009, 457, 979-988. | 1.3 | 84 |
| 31 | Chamberâ€specific effects of hypokalaemia on ventricular arrhythmogenicity in isolated, perfused guineaâ€pig heart. Experimental Physiology, 2009, 94, 434-446. | 0.9 | 15 |
| 32 | Electrophysiological determinants of hypokalaemiaâ€induced arrhythmogenicity in the guineaâ€pig heart. Acta Physiologica, 2009, 197, 273-287. | 1.8 | 26 |
| 33 | Subtype-selective blockade of cardiac muscarinic receptors inhibits vagal chronotropic responses in cats. Pflugers Archiv European Journal of Physiology, 2008, 455, 819-828. | 1.3 | 1 |
| 34 | Susceptibility to systolic dysfunction in the myocardium from chronically infarcted spontaneously hypertensive rats. American Journal of Physiology - Heart and Circulatory Physiology, 2008, 294, H372-H378. | 1.5 | 5 |
| 35 | Cardiac dilatation and pump dysfunction without intrinsic myocardial systolic failure following chronic Î²-adrenoreceptor activation. American Journal of Physiology - Heart and Circulatory Physiology, 2007, 292, H1898-H1905. | 1.5 | 55 |
| 36 | Rat strain-related differences in myocardial adrenergic tone and the impact on cardiac fibrosis, adrenergic responsiveness and myocardial structure and function. Pharmacological Research, 2007, 55, 287-294. | 3.1 | 18 |

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|---|---|---|---|
| 37 | Cardiac hypertrophy induced by sustained Î²-adrenoreceptor activation: pathophysiological aspects. Heart Failure Reviews, 2007, 12, 66-86. | 1.7 | 147 |
| 38 | Myocardial Phosphodiesterases and Regulation of Cardiac Contractility in Health and Cardiac Disease. Cardiovascular Drugs and Therapy, 2007, 21, 171-194. | 1.3 | 75 |
| 39 | Temporal changes in myocardial adrenergic regulation with the progression to pump dysfunction after chronic Î²-adrenoreceptor activation in rats. Pflugers Archiv European Journal of Physiology, 2007, 455, 251-260. | 1.3 | 5 |
| 40 | Neurotensin-Induced Myocardial Noradrenergic Effects in Spontaneously Hypertensive Rats. Journal of Cardiovascular Pharmacology, 2006, 47, 221-227. | 0.8 | 16 |
| 41 | Contractile responses to selective phosphodiesterase inhibitors following chronic Î²-adrenoreceptor activation. Pflugers Archiv European Journal of Physiology, 2006, 452, 155-163. | 1.3 | 19 |
| 42 | Phosphodiesterase inhibition promotes the transition from compensated hypertrophy to cardiac dilatation in rats. Pflugers Archiv European Journal of Physiology, 2006, 451, 526-533. | 1.3 | 6 |
| 43 | Impact of chronic Î²-adrenoceptor activation on neurotensin-induced myocardial effects in rats. European Journal of Pharmacology, 2006, 553, 246-253. | 1.7 | 6 |
| 44 | Inotropic responses to phosphodiesterase inhibitors in cardiac hypertrophy in rats. European Journal of Pharmacology, 2005, 514, 201-208. | 1.7 | 10 |
| 45 | Impact and mechanisms of action of neurotensin on cardiac contractility in the rat left ventricle. European Journal of Pharmacology, 2005, 520, 108-117. | 1.7 | 17 |
| 46 | Aldosterone Receptor Blockade Prevents the Transition to Cardiac Pump Dysfunction Induced by Î²-Adrenoreceptor Activation. Hypertension, 2005, 45, 914-920. | 1.3 | 31 |
| 47 | Mechanisms of preserved baseline cardiac systolic function in rats with adrenergic inotropic downregulation. Life Sciences, 2005, 78, 366-375. | 2.0 | 16 |
| 48 | Chronic Î²-adrenoreceptor activation increases cardiac cavity size through chamber remodeling and not via modifications in myocardial material properties. American Journal of Physiology - Heart and Circulatory Physiology, 2004, 287, H2762-H2767. | 1.5 | 18 |