

# Pavel Zhabyeyev

## List of Publications by Citations

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39  
papers

702  
citations

13  
h-index

25  
g-index

43  
ext. papers

835  
ext. citations

6  
avg, IF

3.78  
L-index

#	Paper	IF	Citations
39	Loss of Apelin exacerbates myocardial infarction adverse remodeling and ischemia-reperfusion injury: therapeutic potential of synthetic Apelin analogues. <i>Journal of the American Heart Association</i> , <b>2013</b> , 2, e000249	6	142
38	Pressure-overload-induced heart failure induces a selective reduction in glucose oxidation at physiological afterload. <i>Cardiovascular Research</i> , <b>2013</b> , 97, 676-85	9.9	85
37	Iron-overload injury and cardiomyopathy in acquired and genetic models is attenuated by resveratrol therapy. <i>Scientific Reports</i> , <b>2015</b> , 5, 18132	4.9	63
36	Loss of p47phox subunit enhances susceptibility to biomechanical stress and heart failure because of dysregulation of cortactin and actin filaments. <i>Circulation Research</i> , <b>2013</b> , 112, 1542-56	15.7	47
35	Role of iron metabolism in heart failure: From iron deficiency to iron overload. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , <b>2019</b> , 1865, 1925-1937	6.9	42
34	PI3K $\beta$ -regulated gelsolin activity is a critical determinant of cardiac cytoskeletal remodeling and heart disease. <i>Nature Communications</i> , <b>2018</b> , 9, 5390	17.4	34
33	S4153R is a gain-of-function mutation in the cardiac Ca(2+) release channel ryanodine receptor associated with catecholaminergic polymorphic ventricular tachycardia and paroxysmal atrial fibrillation. <i>Canadian Journal of Cardiology</i> , <b>2013</b> , 29, 993-6	3.8	31
32	Low-affinity block of cardiac K(+) currents by nifedipine. <i>European Journal of Pharmacology</i> , <b>2000</b> , 401, 137-43	5.3	26
31	PI3K inhibitors as novel cancer therapies: implications for cardiovascular medicine. <i>Journal of Cardiac Failure</i> , <b>2013</b> , 19, 268-82	3.3	22
30	Electroporation-induced inward current in voltage-clamped guinea pig ventricular myocytes. <i>Journal of Membrane Biology</i> , <b>2010</b> , 238, 69-80	2.3	16
29	Block of cardiac delayed-rectifier and inward-rectifier K+ currents by nisoldipine. <i>British Journal of Pharmacology</i> , <b>2003</b> , 140, 863-70	8.6	14
28	Differences in the effects of urinary incontinence agents S-oxybutynin and terodiline on cardiac K(+) currents and action potentials. <i>British Journal of Pharmacology</i> , <b>2000</b> , 131, 245-54	8.6	14
27	PI3K $\delta$ is essential for the recovery from Cre/tamoxifen cardiotoxicity and in myocardial insulin signalling but is not required for normal myocardial contractility in the adult heart. <i>Cardiovascular Research</i> , <b>2015</b> , 105, 292-303	9.9	13
26	TIMP3 deficiency exacerbates iron overload-mediated cardiomyopathy and liver disease. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , <b>2018</b> , 314, H978-H990	5.2	13
25	Enhanced recovery from ischemia-reperfusion injury in PI3K $\delta$ -dominant negative hearts: investigating the role of alternate PI3K isoforms, increased glucose oxidation and MAPK signaling. <i>Journal of Molecular and Cellular Cardiology</i> , <b>2013</b> , 54, 9-18	5.8	13
24	Endothelial and cardiomyocyte PI3K $\delta$ divergently regulate cardiac remodelling in response to ischaemic injury. <i>Cardiovascular Research</i> , <b>2019</b> , 115, 1343-1356	9.9	13
23	Unravelling the molecular basis for cardiac iron metabolism and deficiency in heart failure. <i>European Heart Journal</i> , <b>2017</b> , 38, 373-375	9.5	11

22	Inhibition of PI3Kinase- $\beta$ s pro-arrhythmic and associated with enhanced late Na current, contractility, and Ca release in murine hearts. <i>Journal of Molecular and Cellular Cardiology</i> , <b>2019</b> , 132, 98-109	5.8	10
21	Selective phenylalkylamine block of I(Kr) over other K(+) currents in guinea-pig ventricular myocytes. <i>British Journal of Pharmacology</i> , <b>2000</b> , 131, 1809-16	8.6	9
20	PI3K $\beta$ Pathway Inhibition With Doxorubicin Treatment Results in Distinct Biventricular Atrophy and Remodeling With Right Ventricular Dysfunction. <i>Journal of the American Heart Association</i> , <b>2019</b> , 8, e010961	6.6	8
19	Advanced iron-overload cardiomyopathy in a genetic murine model is rescued by resveratrol therapy. <i>Bioscience Reports</i> , <b>2018</b> , 38,	4.1	8
18	Ultraviolet photoalteration of late Na <sup>+</sup> current in guinea-pig ventricular myocytes. <i>Journal of Membrane Biology</i> , <b>2006</b> , 210, 43-50	2.3	7
17	Transient outward current carried by inwardly rectifying K <sup>+</sup> channels in guinea pig ventricular myocytes dialyzed with low-K <sup>+</sup> solution. <i>American Journal of Physiology - Cell Physiology</i> , <b>2004</b> , 287, C1396-403	5.4	7
16	PI3K $\beta$ in cardioprotection: Cytoskeleton, late Na current, and mechanism of arrhythmias. <i>Channels</i> , <b>2019</b> , 13, 520-532	3	7
15	Dual loss of PI3K $\beta$ and PI3K $\gamma$ signaling leads to an age-dependent cardiomyopathy. <i>Journal of Molecular and Cellular Cardiology</i> , <b>2014</b> , 77, 155-9	5.8	5
14	Inactivation of endothelial cell phosphoinositide 3-kinase $\beta$ inhibits tumor angiogenesis and tumor growth. <i>Oncogene</i> , <b>2020</b> , 39, 6480-6492	9.2	5
13	Selective block of swelling-activated Cl <sup>-</sup> channels over cAMP-dependent Cl <sup>-</sup> channels in ventricular myocytes. <i>European Journal of Pharmacology</i> , <b>2004</b> , 491, 111-20	5.3	4
12	Cardiovascular toxicity of PI3K $\beta$ inhibitors. <i>Clinical Science</i> , <b>2020</b> , 134, 2595-2622	6.5	4
11	Soluble Epoxide Hydrolase in Aged Female Mice and Human Explanted Hearts Following Ischemic Injury. <i>International Journal of Molecular Sciences</i> , <b>2021</b> , 22,	6.3	4
10	Osmotic modulation of slowly activating IKs in guinea-pig ventricular myocytes. <i>Cardiovascular Research</i> , <b>2011</b> , 91, 429-36	9.9	3
9	Insensitivity of cardiac delayed-rectifier I(Kr) to tyrosine phosphorylation inhibitors and stimulators. <i>British Journal of Pharmacology</i> , <b>2006</b> , 148, 724-31	8.6	3
8	Pharmacological and cell-specific genetic PI3K $\beta$ inhibition worsens cardiac remodeling after myocardial infarction. <i>Journal of Molecular and Cellular Cardiology</i> , <b>2021</b> , 157, 17-30	5.8	3
7	Role of sex steroids and sexual dimorphism on cardiac iron metabolism in iron-overload cardiomyopathy. <i>Translational Research</i> , <b>2014</b> , 163, 141-4	11	2
6	Inward-rectifier K <sup>+</sup> current in guinea-pig ventricular myocytes exposed to hyperosmotic solutions. <i>Journal of Membrane Biology</i> , <b>2004</b> , 202, 151-60	2.3	2
5	Testosterone and cardiac remodeling: why are older men susceptible to heart disease?. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , <b>2019</b> , 316, H765-H767	5.2	1

4	Sickle cell disease, interleukin-18, and arrhythmias. <i>Blood</i> , <b>2021</b> , 137, 1138-1139	2.2	1
3	ADAM15 is required for optimal collagen cross-linking and scar formation following myocardial infarction.. <i>Matrix Biology</i> , <b>2022</b> , 105, 127-127	11.4	0
2	Gelsolin is an important mediator of Angiotensin II-induced activation of cardiac fibroblasts and fibrosis. <i>FASEB Journal</i> , <b>2021</b> , 35, e21932	0.9	0
1	Investigating the role of endothelial cell-specific p110 $\alpha$ isoform of PI3K as a potential target for anti-angiogenic therapy. <i>FASEB Journal</i> , <b>2019</b> , 33, lb9	0.9	