

# Ayrat U Ziganshin

## List of Publications by Year in descending order

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69  
papers

1,290  
citations

489802

18  
h-index

406436

35  
g-index

72  
all docs

72  
docs citations

72  
times ranked

696  
citing authors

#	ARTICLE	IF	CITATIONS
1	Medicines and life (to the 100th anniversary of Professor Irina Vitalievna Zaikonnikova). Kazan Medical Journal, 2021, 102, 960-963.	0.1	0
2	Modulatory Roles of ATP and Adenosine in Cholinergic Neuromuscular Transmission. International Journal of Molecular Sciences, 2020, 21, 6423.	1.8	19
3	The effects of ATP on the contractions of rat and mouse fast skeletal muscle. Muscle and Nerve, 2019, 59, 509-516.	1.0	14
4	Temperature-Dependent Effects of ATP on Smooth and Skeletal Muscles. , 2019, , .		1
5	Training Young Russian Physicians in Uganda: A Unique Program for Introducing Global Health Education in Russia. Annals of Global Health, 2018, 81, 627.	0.8	5
6	Foot-shock Stimulation Decreases the Inhibitory Action of ATP on Contractility and End-plate Current of Frog Sartorius Muscle. International Journal of Pharmacology, 2018, 14, 1198-1202.	0.1	6
7	Developing medical education capacity in Russia: twenty years of experience. BMC Medical Education, 2017, 17, 24.	1.0	6
8	Effects of ATP and adenosine on contraction amplitude of rat soleus muscle at different temperatures. Muscle and Nerve, 2017, 55, 417-423.	1.0	18
9	Synaptic organization of tonic motor units in vertebrates. Biochemistry (Moscow) Supplement Series A: Membrane and Cell Biology, 2015, 9, 13-20.	0.3	7
10	Antagonistic Properties of New Non-Phosphorylated Derivatives of Nitrogen-Containing Heterocycles Towards P2 Receptors. International Journal of Pharmacology, 2015, 11, 400-404.	0.1	9
11	Registration, insurance, and medical application of biotechnological drugs in Russia. Pharmaceutical Chemistry Journal, 2013, 46, 693-697.	0.3	0
12	Modulatory role of purines in neuromuscular transmission. Biochemistry (Moscow) Supplement Series A: Membrane and Cell Biology, 2013, 7, 183-191.	0.3	6
13	Functional Activity of Varicose Human Great Saphenous Vein at Different Sites. Bulletin of Experimental Biology and Medicine, 2013, 155, 429-432.	0.3	3
14	Different Effects of ATP on the Contractility and Nonquantal Acetylcholine Release of Rat Tonic and Phasic Muscles. Pharmacologia, 2013, 4, 519-524.	0.3	2
15	Dual effects of ATP on isolated arteries of the bovine eye. Pharmacological Research, 2012, 66, 170-176.	3.1	4
16	New Specific Marker of Cytochrome P450 1A2 Activity. Bulletin of Experimental Biology and Medicine, 2011, 150, 762-764.	0.3	2
17	Expression of P2X Receptor Subtypes on CD34+ Cells and c-kit+ Cells of Human Umbilical Blood. Bulletin of Experimental Biology and Medicine, 2011, 151, 33-37.	0.3	2
18	Opposite Effect of ATP on Contraction Force of Tonic and Phasic Skeletal Muscles in Frogs. Bulletin of Experimental Biology and Medicine, 2011, 151, 280-283.	0.3	4

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19	Biopharmaceuticals in the Russian Federation: A snapshot of policies for registration, reimbursement and use. <i>International Journal of Risk and Safety in Medicine</i> , 2009, 21, 75-88.	0.3	0
20	Biopharmaceuticals in the Russian Federation: A snapshot of policies for registration, reimbursement and use. <i>International Journal of Risk and Safety in Medicine</i> , 2009, 21, 175-175.	0.3	0
21	Interaction of hydrocortisone with ATP and adenosine on nerve-mediated contractions of frog skeletal muscle. <i>European Journal of Pharmacology</i> , 2009, 607, 54-59.	1.7	10
22	Ovalbumin-induced sensitization affects non-quantal acetylcholine release from motor nerve terminals and alters contractility of skeletal muscles in mice. <i>Experimental Physiology</i> , 2009, 94, 264-268.	0.9	9
23	Hypotensive effect of UDP on intraocular pressure in rabbits. <i>European Journal of Pharmacology</i> , 2008, 579, 93-97.	1.7	28
24	Contrasting effects of P2 receptor agonists on spontaneous contractility of human fallopian tubes with and without acute inflammation. <i>Pharmacological Research</i> , 2008, 57, 56-59.	3.1	5
25	Attitudes to pharmaceutical promotion techniques among healthcare professionals in the Republic of Tatarstan, Russia. <i>International Journal of Risk and Safety in Medicine</i> , 2008, 20, 57-71.	0.3	8
26	Term-dependency of P2 receptor-mediated contractile responses of isolated human pregnant uterus. <i>European Journal of Obstetrics, Gynecology and Reproductive Biology</i> , 2006, 129, 128-134.	0.5	18
27	Different effects of ATP on the contractile activity of mice diaphragmatic and skeletal muscles. <i>Neurochemistry International</i> , 2006, 49, 756-763.	1.9	15
28	Role of protein kinase C in the effect of ATP on contractile function of the isolated strip from mouse diaphragm. <i>Bulletin of Experimental Biology and Medicine</i> , 2006, 141, 407-409.	0.3	1
29	The influence of hypothermia on P2 receptor-mediated responses of frog skeletal muscle. <i>European Journal of Pharmacology</i> , 2005, 509, 187-193.	1.7	18
30	Synthesis and Purine P2X Receptor Antagonist Activity of Thiazole Derivatives. <i>Pharmaceutical Chemistry Journal</i> , 2005, 39, 303-307.	0.3	1
31	Potential of Uterine Effects of Prostaglandin F <sub>2</sub> ± by Adenosine 5'-Triphosphate. <i>Obstetrics and Gynecology</i> , 2005, 105, 1429-1436.	1.2	13
32	Varicose disease affects the P2 receptor-mediated responses of human greater saphenous vein. <i>Vascular Pharmacology</i> , 2004, 42, 17-21.	1.0	7
33	Pharmacological Characterization of P2-Receptors in Human Fallopian Tubes. <i>Bulletin of Experimental Biology and Medicine</i> , 2004, 137, 242-245.	0.3	6
34	Effect of PPADS on P2X Receptor-Mediated Responses of Human Blood Vessels. <i>Bulletin of Experimental Biology and Medicine</i> , 2004, 137, 284-287.	0.3	4
35	Stimulation of Vagus Nerve Modifies Negative Chronotropic and Hypotensive Effects of Adenosine. <i>Bulletin of Experimental Biology and Medicine</i> , 2004, 137, 425-427.	0.3	1
36	Effects of dimephosphone, xydiphone, and ionol on the content and activities of rat liver cytochromes P-450 during long-term treatment with phenobarbital. <i>Bulletin of Experimental Biology and Medicine</i> , 2004, 138, 393-396.	0.3	0

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37	Contractile activity of human greater saphenous vein mediated by P2-receptors. Bulletin of Experimental Biology and Medicine, 2003, 135, 23-25.	0.3	4
38	Therapeutic efficiency of dimephosphone and xydiphone in experimental pulse therapy with prednisolone. Bulletin of Experimental Biology and Medicine, 2003, 136, 62-65.	0.3	0
39	Implementation of a cross-cultural evidence-based medicine curriculum. Medical Teacher, 2002, 24, 444-446.	1.0	5
40	Effects of chronic specific urogenital infections on contractility of the human isolated pregnant myometrium. Autonomic Neuroscience: Basic and Clinical, 2002, 99, 58-61.	1.4	0
41	Temperature dependency of P2 receptor-mediated responses. European Journal of Pharmacology, 2002, 456, 107-114.	1.7	25
42	Contractile activity of isolated myometrium from pregnant women with chronic specific urogenital infections. Bulletin of Experimental Biology and Medicine, 2002, 133, 17-19.	0.3	2
43	Pharmacological characteristics of P2 receptors in human uterus. Bulletin of Experimental Biology and Medicine, 2002, 133, 255-257.	0.3	5
44	P2 receptors: theoretical background for the use in clinical practice. Bulletin of Experimental Biology and Medicine, 2002, 134, 313-317.	0.3	5
45	Effect of new pyridoxal phosphate arylazo derivatives on the ecto-ATPase activity in guinea pig tissues. Pharmaceutical Chemistry Journal, 2000, 34, 226-228.	0.3	1
46	Rate of diadenosine polyphosphate degradation by various guinea pig tissues. Bulletin of Experimental Biology and Medicine, 1999, 127, 188-190.	0.3	0
47	Chapter 10 Molecular recognition in P2 receptors: Ligand development aided by molecular modeling and mutagenesis. Progress in Brain Research, 1999, 120, 119-132.	0.9	24
48	Some 6-phenylazopyridoxal phosphate derivatives influence P2-purinoreceptor-mediated effects. Pharmaceutical Chemistry Journal, 1998, 32, 399-401.	0.3	1
49	Vasoconstrictor responses via P2X-receptors are selectively antagonized by NF023 in rabbit isolated aorta and saphenous artery. British Journal of Pharmacology, 1997, 120, 954-960.	2.7	24
50	Pharmacological characteristics of ATP receptors (a review). Pharmaceutical Chemistry Journal, 1997, 31, 1-6.	0.3	0
51	The activation of P <sub>1</sub> - and P <sub>2</sub> -purinoceptors in the guinea pig left atrium by diadenosine polyphosphates. British Journal of Pharmacology, 1996, 118, 1294-1300.	2.7	50
52	Potentialiation by 2,2'-pyridylisatogen tosylate of ATP responses at a recombinant P <sub>2Y1</sub> purinoceptor. British Journal of Pharmacology, 1996, 117, 1111-1118.	2.7	25
53	Diadenosine polyphosphate-activated inward and outward currents in follicular oocytes of <i>Xenopus laevis</i> . Life Sciences, 1996, 59, PL179-PL184.	2.0	15
54	Effects of P2-purinoreceptor antagonists on degradation of adenine nucleotides by ecto-nucleotidases in folliculated oocytes of <i>Xenopus laevis</i> . Biochemical Pharmacology, 1996, 51, 897-901.	2.0	45

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55	Peptidyl Conjugates of Adenosine 5'-Carboxylic Acid Synthesized and Evaluated as Ligands for P2 Purinoceptors. <i>Biochemical and Biophysical Research Communications</i> , 1996, 229, 363-369.	1.0	6
56	Differential degradation of extracellular adenine nucleotides by folliculated oocytes of <i>Xenopus laevis</i> . <i>Comparative Biochemistry and Physiology A, Comparative Physiology</i> , 1996, 114, 335-340.	0.7	6
57	Acute paw oedema formation induced by ATP: Re-evaluation of the mechanisms involved. <i>Inflammation Research</i> , 1996, 45, 96-102.	1.6	17
58	Design and pharmacological characterization of selective P2-purinoceptor antagonists. <i>Pharmacochimistry Library</i> , 1996, 24, 337-350.	0.1	2
59	Characteristics of ecto-ATPase of <i>Xenopus</i> oocytes and the inhibitory actions of suramin on ATP breakdown. <i>Pflügers Archiv European Journal of Physiology</i> , 1995, 429, 412-418.	1.3	83
60	Effects of $\beta$ , $\gamma$ -unsaturated sulphones and phosphonium salts on ecto-ATPase activity and contractile responses mediated via P2x-purinoceptors. <i>General Pharmacology</i> , 1995, 26, 527-532.	0.7	6
61	Inhibitory action of PPADS on relaxant responses to adenine nucleotides or electrical field stimulation in guinea-pig taenia coli and rat duodenum. <i>British Journal of Pharmacology</i> , 1995, 115, 1509-1517.	2.7	76
62	Contractility of urinary bladder and vas deferens after sensory denervation by capsaicin treatment of newborn rats. <i>British Journal of Pharmacology</i> , 1995, 114, 166-170.	2.7	10
63	Effects of divalent cations and $La^{3+}$ on contractility and ecto-ATPase activity in the guinea-pig urinary bladder. <i>British Journal of Pharmacology</i> , 1995, 114, 632-639.	2.7	18
64	Structure activity relationships for derivatives of adenosine-5'-triphosphate as agonists at P2 purinoceptors: Heterogeneity within P2x and P2y subtypes. <i>Drug Development Research</i> , 1994, 31, 206-219.	1.4	101
65	Ecto-enzymes and metabolism of extracellular ATP. <i>Drug Development Research</i> , 1994, 32, 134-146.	1.4	97
66	Selective antagonism by PPADS at P <sub>2X</sub> -purinoceptors in rabbit isolated blood vessels. <i>British Journal of Pharmacology</i> , 1994, 111, 923-929.	2.7	107
67	Effects of cyclopiazonic acid on contractility and ecto-ATPase activity in guinea-pig urinary bladder and vas deferens. <i>British Journal of Pharmacology</i> , 1994, 113, 669-674.	2.7	33
68	PPADS selectively antagonizes P <sub>2X</sub> -purinoceptor-mediated responses in the rabbit urinary bladder. <i>British Journal of Pharmacology</i> , 1993, 110, 1491-1495.	2.7	127
69	Identification of potent, selective P2Y-purinoceptor agonists: structure-activity relationships for 2-thioether derivatives of adenosine 5'-triphosphate. <i>Journal of Medicinal Chemistry</i> , 1993, 36, 3937-3946.	2.9	116