

Igor Mindukshev

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/468130/publications.pdf>

Version: 2024-02-01

34
papers

416
citations

933447

10
h-index

794594

19
g-index

36
all docs

36
docs citations

36
times ranked

571
citing authors

#	ARTICLE	IF	CITATIONS
1	Curcumin by activation of adenosine A2A receptor stimulates protein kinase a and potentiates inhibitory effect of cangrelor on platelets. <i>Biochemical and Biophysical Research Communications</i> , 2022, 586, 20-26.	2.1	6
2	Cellular osmoregulation of the ark clam (<i>Anadara kagoshimensis</i>) hemocytes to hyposmotic media. <i>Journal of Experimental Zoology Part A: Ecological and Integrative Physiology</i> , 2022, 337, 434-439.	1.9	5
3	Persistent red blood cells retain their ability to move in microcapillaries under high levels of oxidative stress. <i>Communications Biology</i> , 2022, 5, .	4.4	6
4	Flow cytometry and light-scattering techniques in evaluation of nutraceuticals. , 2021, , 379-393.		0
5	Low-Dose Ammonium Preconditioning Enhances Endurance in Submaximal Physical Exercises. <i>Sports</i> , 2021, 9, 29.	1.7	0
6	Chloride gradient is the driving force for ammonia/ammonium influx in human red blood cells. <i>FASEB Journal</i> , 2021, 35, .	0.5	0
7	Protein kinase A activity and NO are involved in the regulation of crucian carp (<i>Carassius carassius</i>) red blood cell osmotic fragility. <i>Fish Physiology and Biochemistry</i> , 2021, 47, 1105-1117.	2.3	1
8	Microfluidic Characterization of Red Blood Cells Microcirculation under Oxidative Stress. <i>Cells</i> , 2021, 10, 3552.	4.1	6
9	Microvesicle Formation Induced by Oxidative Stress in Human Erythrocytes. <i>Antioxidants</i> , 2020, 9, 929.	5.1	41
10	GC-MS and LC-MS/MS pilot studies on the guanidine (NG)-dimethylation in native, asymmetrically and symmetrically NG-dimethylated arginine-vasopressin peptides and proteins in human red blood cells. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2020, 1141, 122024.	2.3	5
11	Hypoxia inhibits the regulatory volume decrease in red blood cells of common frog (<i>Rana temporaria</i>) Tj ETQq1 1 0.784314 rgBT /Overle 219-220, 44-47.	1.8	7
12	Temporal quantitative phosphoproteomics of ADP stimulation reveals novel central nodes in platelet activation and inhibition. <i>Blood</i> , 2017, 129, e1-e12.	1.4	97
13	Protein kinase A activation by the anti-cancer drugs ABT-737 and thymoquinone is caspase-3-dependent and correlates with platelet inhibition and apoptosis. <i>Cell Death and Disease</i> , 2017, 8, e2898-e2898.	6.3	23
14	Erythrocytes do not activate purified and platelet soluble guanylate cyclases even in conditions favourable for NO synthesis. <i>Cell Communication and Signaling</i> , 2016, 14, 16.	6.5	22
15	Human erythrocyte ammonium transport is mediated by functional interaction of ammonium (RhAG) and anion (AE1) transporters. <i>Biochemistry (Moscow) Supplement Series A: Membrane and Cell Biology</i> , 2016, 10, 301-310.	0.6	3
16	Flow Cytometry and Light Scattering Technique in Evaluation of Nutraceuticals. , 2016, , 319-332.		9
17	Erythrocytes do not produce biologically active NO. <i>BMC Pharmacology & Toxicology</i> , 2015, 16, .	2.4	0
18	The sGC stimulator riociguat inhibits platelet function in washed platelets but not in whole blood. <i>British Journal of Pharmacology</i> , 2015, 172, 5199-5210.	5.4	25

#	ARTICLE	IF	CITATIONS
19	Fluoroacetate. , 2015, , 193-214.		2
20	Russian VX. , 2015, , 111-130.		6
21	Dual role of the p38 MAPK/cPLA 2 pathway in the regulation of platelet apoptosis induced by ABT-737 and strong platelet agonists. Cell Death and Disease, 2013, 4, e931-e931.	6.3	41
22	Low angle light scattering analysis: a novel quantitative method for functional characterization of human and murine platelet receptors. Clinical Chemistry and Laboratory Medicine, 2012, 50, 1253-1262.	2.3	28
23	Russian VX. , 2009, , 69-91.		9
24	Fluoroacetate. , 2009, , 177-198.		3
25	Polarographic and spectroscopic studies of the effects of fluoroacetate/fluorocitrate on cells and mitochondria. Spectroscopy, 2007, 21, 121-134.	0.8	6
26	Necrotic and apoptotic volume changes of red blood cells investigated by low-angle light scattering technique. Spectroscopy, 2007, 21, 105-120.	0.8	16
27	New Understanding on Pathogenesis of Delayed Effects of Rvx Low-Dose Chronic Exposure. , 2006, , 297-303.		2
28	Application of a low-angle light scattering technique to cell volume and cell signaling studies on Ehrlich ascite tumor cells. Spectroscopy, 2006, 20, 45-55.	0.8	4
29	A new method for studying platelets, based upon the low-angle light scattering technique. 3. Aggregation hypersensitivity of platelets (ADP agonist) and search for corrective agents. Spectroscopy, 2006, 20, 57-66.	0.8	8
30	Cooperative Type of Platelet Hypersensitivity to ADP. Bulletin of Experimental Biology and Medicine, 2005, 140, 282-284.	0.8	0
31	A new method for studying platelets, based upon the low-angle light scattering technique. 1. Theoretical and experimental foundations of the method. Spectroscopy, 2005, 19, 235-246.	0.8	12
32	A new method for studying platelets, based upon the low-angle light scattering technique. 2. Application of the method in experimental toxicology and clinical pathology. Spectroscopy, 2005, 19, 247-257.	0.8	10
33	Effects of oxytocin and prostaglandin F(2alpha) (enzaprost) on platelet aggregation. Bulletin of Experimental Biology and Medicine, 2002, 134, 439-441.	0.8	5
34	Impact of ammonium chloride in a toxic dose on the bioelectrical activity of rat brain. Bulletin of Experimental Biology and Medicine, 1993, 116, 781-783.	0.8	0