

# Zoltan Krasznai

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10876725/publications.pdf>

Version: 2024-02-01

34  
papers

695  
citations

623734

14  
h-index

552781

26  
g-index

34  
all docs

34  
docs citations

34  
times ranked

777  
citing authors

#	ARTICLE	IF	CITATIONS
1	Gadolinium, a mechano-sensitive channel blocker, inhibits osmosis-initiated motility of sea- and freshwater fish sperm, but does not affect human or ascidian sperm motility. <i>Cytoskeleton</i> , 2003, 55, 232-243.	4.4	73
2	Flow cytometric determination of absolute membrane potential of cells. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 1995, 28, 93-99.	3.8	59
3	Potassium channels regulate hypo-osmotic shock-induced motility of common carp ( <i>Cyprinus carpio</i> ) sperm. <i>Aquaculture</i> , 1995, 129, 123-128.	3.5	59
4	Role of ion channels and membrane potential in the initiation of carp sperm motility. <i>Aquatic Living Resources</i> , 2003, 16, 445-449.	1.2	58
5	In vivo and in vitro multitracer analyses of P-glycoprotein expression-related multidrug resistance. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2003, 30, 1147-1154.	6.4	46
6	Complete Inhibition of P-glycoprotein by Simultaneous Treatment with a Distinct Class of Modulators and the UIC2 Monoclonal Antibody. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2007, 320, 81-88.	2.5	46
7	Role of extracellular and intracellular pH in carp sperm motility and modifications by hyperosmosis of regulation of the Na <sup>+</sup> /H <sup>+</sup> exchanger. <i>Cytometry</i> , 1997, 27, 374-382.	1.8	44
8	Role of the Na <sup>+</sup> /Ca <sup>2+</sup> exchanger in calcium homeostasis and human sperm motility regulation. <i>Cytoskeleton</i> , 2006, 63, 66-76.	4.4	41
9	Two-dimensional receptor patterns in the plasma membrane of cells. A critical evaluation of their identification, origin and information content. <i>Biophysical Chemistry</i> , 1999, 82, 99-108.	2.8	27
10	Immunosuppressors Inhibit Voltage-Gated Potassium Channels in Human Peripheral Blood Lymphocytes. <i>Biochemical and Biophysical Research Communications</i> , 1996, 221, 254-258.	2.1	22
11	Functional consequences of Kv1.3 ion channel rearrangement into the immunological synapse. <i>Immunology Letters</i> , 2009, 125, 15-21.	2.5	22
12	Flow cytometric determination of intracellular free potassium concentration. , 1997, 28, 42-49.		21
13	Biphasic accumulation kinetics of [ <sup>99m</sup> Tc]-hexakis-2-methoxyisobutyl isonitrile in tumour cells and its modulation by lipophilic P-glycoprotein ligands. <i>European Journal of Pharmaceutical Sciences</i> , 2005, 25, 201-209.	4.0	18
14	Wide applicability of a flow cytometric assay to measure absolute membrane potentials on the millivolt scale. <i>European Biophysics Journal</i> , 1998, 28, 78-83.	2.2	16
15	Functional implications of membrane modification with semenogelins for inhibition of sperm motility in humans. <i>Cytoskeleton</i> , 2009, 66, 99-108.	4.4	14
16	Dynamic Physical Interactions of Plasma Membrane Molecules Generate Cell Surface Patterns and Regulate Cell Activation Processes. <i>Immunobiology</i> , 1992, 185, 337-349.	1.9	13
17	Effects of miltefosine on membrane permeability and accumulation of [ <sup>99m</sup> Tc]-hexakis-2-methoxyisobutyl isonitrile, 2-[ <sup>18</sup> F]fluoro-2-deoxy-d-glucose, daunorubicin and rhodamine123 in multidrug-resistant and sensitive cells. <i>European Journal of Pharmaceutical Sciences</i> , 2005, 24, 495-501.	4.0	13
18	Nutrition and immune system: Certain fatty acids differently modify membrane composition and consequently kinetics of KV1.3 channels of human peripheral lymphocytes. <i>Immunobiology</i> , 2007, 212, 213-227.	1.9	13

#	ARTICLE	IF	CITATIONS
19	Bretylium-induced voltage-gated sodium current in human lymphocytes. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 1992, 1137, 143-147.	4.1	12
20	Membrane permeability changes induce hyperpolarization in transformed lymphoid cells under high-density culture conditions. <i>Cytometry</i> , 2000, 41, 186-192.	1.8	11
21	<sup>18</sup> F-FDG, [ <sup>18</sup> F]FLT, [ <sup>18</sup> F]FAZA, and <sup>11</sup> C-Methionine Are Suitable Tracers for the Diagnosis and In Vivo Follow-Up of the Efficacy of Chemotherapy by miniPET in Both Multidrug Resistant and Sensitive Human Gynecologic Tumor Xenografts. <i>BioMed Research International</i> , 2014, 2014, 1-10.	1.9	10
22	A sodium channel opener inhibits stimulation of human peripheral blood mononuclear cells. <i>Molecular Immunology</i> , 1992, 29, 517-524.	2.2	8
23	Tetrodotoxin-sensitive fast Na <sup>+</sup> current in embryonic chicken osteoclasts. <i>Pflugers Archiv European Journal of Physiology</i> , 1995, 430, 596-598.	2.8	7
24	Na <sup>+</sup> /Ca <sup>2+</sup> exchanger inhibitors modify the accumulation of tumor-diagnostic PET tracers in cancer cells. <i>European Journal of Pharmaceutical Sciences</i> , 2007, 30, 56-63.	4.0	7
25	<sup>18</sup> F-FDG a PET tumor diagnostic tracer is not a substrate of the ABC transporter P-glycoprotein. <i>European Journal of Pharmaceutical Sciences</i> , 2014, 64, 1-8.	4.0	7
26	A1 and A2 Adenosine Receptor Activation Inversely Modulates Potassium Currents and Membrane Potential in DDT1 MF-2 Smooth Muscle Cells. <i>The Japanese Journal of Pharmacology</i> , 2002, 89, 366-372.	1.2	6
27	The Strong In Vivo Anti-Tumor Effect of the UIC2 Monoclonal Antibody Is the Combined Result of Pgp Inhibition and Antibody Dependent Cell-Mediated Cytotoxicity. <i>PLoS ONE</i> , 2014, 9, e107875.	2.5	6
28	Detection of channel proximity by nanoparticle-assisted delaying of toxin binding; a combined patch-clamp and flow cytometric energy transfer study. <i>European Biophysics Journal</i> , 2005, 34, 127-143.	2.2	5
29	<sup>2</sup> [ <sup>18</sup> F]-fluoroethylrhodamine B is a promising radiotracer to measure P-glycoprotein function. <i>European Journal of Pharmaceutical Sciences</i> , 2015, 74, 27-35.	4.0	5
30	Ion channels in T cells: from molecular pharmacology to therapy. <i>Archivum Immunologiae Et Therapiae Experimentalis</i> , 2005, 53, 127-35.	2.3	4
31	Answer to the "Comment on functional consequences of Kv1.3 ion channel rearrangement into the immunological synapse" by Stefan Bittner et al. [ <i>Immunol. Lett.</i> 125 (Aug 15 (2)) (2009) 156-157]. <i>Immunology Letters</i> , 2010, 129, 47-49.	2.5	1
32	Can Flow Cytometric DNA Content Analysis Become a Routine Procedure in Aquaculture?. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2021, 99, 668-670.	1.5	1
33	Daunorubicin and doxorubicin inhibit the [ <sup>11</sup> C]choline accumulation in cancer cells. <i>Applied Radiation and Isotopes</i> , 2009, 67, 1806-1811.	1.5	0
34	Ionic Conductances in Chicken Osteoclasts. , 1998, , 236-245.		0