

# V'yacheslav Lehen'kyi

## List of Publications by Year in descending order

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31  
papers

2,071  
citations

331670

21  
h-index

454955

30  
g-index

33  
all docs

33  
docs citations

33  
times ranked

2647  
citing authors

#	ARTICLE	IF	CITATIONS
1	TRPV6 channel controls prostate cancer cell proliferation via Ca <sup>2+</sup> /NFAT-dependent pathways. <i>Oncogene</i> , 2007, 26, 7380-7385.	5.9	212
2	Role of Cationic Channel TRPV2 in Promoting Prostate Cancer Migration and Progression to Androgen Resistance. <i>Cancer Research</i> , 2010, 70, 1225-1235.	0.9	200
3	Differential Role of Transient Receptor Potential Channels in Ca <sup>2+</sup> Entry and Proliferation of Prostate Cancer Epithelial Cells. <i>Cancer Research</i> , 2006, 66, 2038-2047.	0.9	183
4	Remodeling of Channel-Forming ORAI Proteins Determines an Oncogenic Switch in Prostate Cancer. <i>Cancer Cell</i> , 2014, 26, 19-32.	16.8	180
5	Lysophospholipids stimulate prostate cancer cell migration via TRPV2 channel activation. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2009, 1793, 528-539.	4.1	165
6	Extracellular Signal-Regulated Kinases 1 and 2 and TRPC1 Channels are Required for Calcium-Sensing Receptor-Stimulated MCF-7 Breast Cancer Cell Proliferation. <i>Cellular Physiology and Biochemistry</i> , 2009, 23, 335-346.	1.6	96
7	TRPV6 calcium channel translocates to the plasma membrane via Orai1-mediated mechanism and controls cancer cell survival. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, E3870-9.	7.1	90
8	The role of the TRPV6 channel in cancer. <i>Journal of Physiology</i> , 2012, 590, 1369-1376.	2.9	87
9	Passive calcium leak via translocon is a first step for iPLA <sub>2</sub> pathway regulated store operated channels activation. <i>FASEB Journal</i> , 2006, 20, 1215-1217.	0.5	83
10	TRPM Family Channels in Cancer. <i>Pharmaceuticals</i> , 2018, 11, 58.	3.8	78
11	TRPC channels determine human keratinocyte differentiation: New insight into basal cell carcinoma. <i>Cell Calcium</i> , 2008, 43, 492-505.	2.4	72
12	Ion channels and transporters in cancer. 5. Ion channels in control of cancer and cell apoptosis. <i>American Journal of Physiology - Cell Physiology</i> , 2011, 301, C1281-C1289.	4.6	71
13	TRPV6 Is a Ca <sup>2+</sup> Entry Channel Essential for Ca <sup>2+</sup> -induced Differentiation of Human Keratinocytes. <i>Journal of Biological Chemistry</i> , 2007, 282, 22582-22591.	3.4	70
14	TRP channels in cell survival and cell death in normal and transformed cells. <i>Cell Calcium</i> , 2011, 50, 295-302.	2.4	66
15	Oncogenic TRP Channels. <i>Advances in Experimental Medicine and Biology</i> , 2011, 704, 929-945.	1.6	64
16	ORAI1 calcium channel orchestrates skin homeostasis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, E4839-48.	7.1	63
17	TRPV2 Mediates Adrenomedullin Stimulation of Prostate and Urothelial Cancer Cell Adhesion, Migration and Invasion. <i>PLoS ONE</i> , 2013, 8, e64885.	2.5	47
18	TRPC7 Is a Receptor-Operated DAG-Activated Channel in Human Keratinocytes. <i>Journal of Investigative Dermatology</i> , 2006, 126, 1982-1993.	0.7	46

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19	Comparison of fluorescence probes for intracellular sodium imaging in prostate cancer cell lines. <i>European Biophysics Journal</i> , 2016, 45, 765-777.	2.2	34
20	Role of the TRPV Channels in the Endoplasmic Reticulum Calcium Homeostasis. <i>Cells</i> , 2020, 9, 317.	4.1	32
21	Cytoskeleton Reorganization as an Alternative Mechanism of Store-Operated Calcium Entry Control in Neuroendocrine-Differentiated Cells. <i>PLoS ONE</i> , 2012, 7, e45615.	2.5	22
22	TRPV6 Determines the Effect of Vitamin D3 on Prostate Cancer Cell Growth. <i>PLoS ONE</i> , 2011, 6, e16856.	2.5	21
23	Monoclonal Antibodies Targeting Ion Channels and Their Therapeutic Potential. <i>Frontiers in Pharmacology</i> , 2019, 10, 606.	3.5	17
24	Improved photodynamic effect through encapsulation of two photosensitizers in lipid nanocapsules. <i>Journal of Materials Chemistry B</i> , 2018, 6, 5949-5963.	5.8	15
25	TRPM7 Ion Channel: Oncogenic Roles and Therapeutic Potential in Breast Cancer. <i>Cancers</i> , 2021, 13, 6322.	3.7	12
26	Role of the TRP Channels in Pancreatic Ductal Adenocarcinoma Development and Progression. <i>Cells</i> , 2021, 10, 1021.	4.1	11
27	Interaction of Human $\hat{\pm}$ -1-Acid Glycoprotein (AGP) with Citrate-Stabilized Gold Nanoparticles: Formation of Unexpectedly Strong Binding Events. <i>Journal of Physical Chemistry C</i> , 2019, 123, 5073-5083.	3.1	10
28	Ca <sup>2+</sup> Signaling and Its Potential Targeting in Pancreatic Ductal Carcinoma. <i>Cancers</i> , 2021, 13, 3085.	3.7	10
29	Impaired P2X signalling pathways in renal microvascular myocytes in genetic hypertension. <i>Cardiovascular Research</i> , 2015, 105, 131-142.	3.8	8
30	Tumor Xenograft Models to Study the Role of TRP Channels in Tumorigenesis. <i>Methods in Pharmacology and Toxicology</i> , 2012, , 391-399.	0.2	0
31	TRPV2 (transient receptor potential cation channel, subfamily V, member 2). <i>Atlas of Genetics and Cytogenetics in Oncology and Haematology</i> , 2012, , .	0.1	0