

# Viktor Lukacs

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8929697/publications.pdf>

Version: 2024-02-01

13  
papers

2,308  
citations

687220

13  
h-index

1125617

13  
g-index

14  
all docs

14  
docs citations

14  
times ranked

2958  
citing authors

#	ARTICLE	IF	CITATIONS
1	Piezo1 links mechanical forces to red blood cell volume. <i>ELife</i> , 2015, 4, .	2.8	437
2	Piezo2 is the principal mechanotransduction channel for proprioception. <i>Nature Neuroscience</i> , 2015, 18, 1756-1762.	7.1	433
3	Dual Regulation of TRPV1 by Phosphoinositides. <i>Journal of Neuroscience</i> , 2007, 27, 7070-7080.	1.7	241
4	Impaired PIEZO1 function in patients with a novel autosomal recessive congenital lymphatic dysplasia. <i>Nature Communications</i> , 2015, 6, 8329.	5.8	239
5	GPR68 Senses Flow and Is Essential for Vascular Physiology. <i>Cell</i> , 2018, 173, 762-775.e16.	13.5	205
6	Mechanically activated ion channel PIEZO1 is required for lymphatic valve formation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 12817-12822.	3.3	188
7	Common PIEZO1 Allele in African Populations Causes RBC Dehydration and Attenuates Plasmodium Infection. <i>Cell</i> , 2018, 173, 443-455.e12.	13.5	176
8	Phospholipase C Mediated Modulation of TRPV1 Channels. <i>Molecular Neurobiology</i> , 2008, 37, 153-163.	1.9	91
9	Distinctive Changes in Plasma Membrane Phosphoinositides Underlie Differential Regulation of TRPV1 in Nociceptive Neurons. <i>Journal of Neuroscience</i> , 2013, 33, 11451-11463.	1.7	75
10	Decrease in phosphatidylinositol 4,5-bisphosphate levels mediates desensitization of the cold sensor TRPM8 channels. <i>Journal of Physiology</i> , 2011, 589, 6007-6027.	1.3	72
11	Hydrolysis of Phosphatidylinositol 4,5-Bisphosphate Mediates Calcium-induced Inactivation of TRPV6 Channels. <i>Journal of Biological Chemistry</i> , 2008, 283, 14980-14987.	1.6	67
12	Promiscuous Activation of Transient Receptor Potential Vanilloid 1 (TRPV1) Channels by Negatively Charged Intracellular Lipids. <i>Journal of Biological Chemistry</i> , 2013, 288, 35003-35013.	1.6	55
13	Local Ca <sup>2+</sup> signals couple activation of TRPV1 and ANO1 sensory ion channels. <i>Science Signaling</i> , 2020, 13, .	1.6	23