

# Tamas Kovacs

## List of Publications by Year in descending order

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Version: 2024-02-01

27  
papers

459  
citations

759055

12  
h-index

794469

19  
g-index

28  
all docs

28  
docs citations

28  
times ranked

639  
citing authors

#	ARTICLE	IF	CITATIONS
1	Direct and indirect cholesterol effects on membrane proteins with special focus on potassium channels. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2020, 1865, 158706.	1.2	50
2	Alterations in the properties of the cell membrane due to glycosphingolipid accumulation in a model of Gaucher disease. <i>Scientific Reports</i> , 2018, 8, 157.	1.6	45
3	EGFR and ErbB2 are functionally coupled to CD44 and regulate shedding, internalization and motogenic effect of CD44. <i>Cancer Letters</i> , 2008, 263, 231-242.	3.2	35
4	Evidence of a Myenteric Plexus Barrier and Its Macrophage-Dependent Degradation During Murine Colitis: Implications in Enteric Neuroinflammation. <i>Cellular and Molecular Gastroenterology and Hepatology</i> , 2021, 12, 1617-1641.	2.3	33
5	Dietary Phosphatidylcholine Supplementation Attenuates Inflammatory Mucosal Damage in a Rat Model of Experimental Colitis. <i>Shock</i> , 2012, 38, 177-185.	1.0	23
6	Intraganglionic macrophages: a new population of cells in the enteric ganglia. <i>Journal of Anatomy</i> , 2018, 233, 401-410.	0.9	22
7	The Dipole Potential Modifies the Clustering and Ligand Binding Affinity of ErbB Proteins and Their Signaling Efficiency. <i>Scientific Reports</i> , 2016, 6, 35850.	1.6	21
8	The dipole potential correlates with lipid raft markers in the plasma membrane of living cells. <i>Journal of Lipid Research</i> , 2017, 58, 1681-1691.	2.0	18
9	It Takes More than Two to Tango: Complex, Hierarchical, and Membrane-Modulated Interactions in the Regulation of Receptor Tyrosine Kinases. <i>Cancers</i> , 2022, 14, 944.	1.7	17
10	Maximum likelihood estimation of FRET efficiency and its implications for distortions in pixelwise calculation of FRET in microscopy. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2014, 85, 942-952.	1.1	16
11	rFRET: A comprehensive, Matlab-based program for analyzing intensity-based ratiometric microscopic FRET experiments. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2016, 89, 376-384.	1.1	16
12	C-terminal kinesin motor es-KIFC1 regulates nuclear formation during spermiogenesis in Chinese mitten crab <i>Eriocheir sinensis</i> . <i>Gene</i> , 2019, 719, 144074.	1.0	16
13	Determining the target of membrane sterols on voltage-gated potassium channels. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2019, 1864, 312-325.	1.2	13
14	The density of GM1-enriched lipid rafts correlates inversely with the efficiency of transfection mediated by cationic liposomes. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2009, 75A, 650-657.	1.1	12
15	Titanium dioxide nanoparticles perturb the blood-testis barrier via disruption of actin-based cell adhesive function. <i>Aging</i> , 2021, 13, 25440-25452.	1.4	12
16	Titin isoforms are increasingly protected against oxidative modifications in developing rat cardiomyocytes. <i>Free Radical Biology and Medicine</i> , 2017, 113, 224-235.	1.3	11
17	Homo- and Heteroassociations Drive Activation of ErbB3. <i>Biophysical Journal</i> , 2019, 117, 1935-1947.	0.2	11
18	Comprehensive Model for Epidermal Growth Factor Receptor Ligand Binding Involving Conformational States of the Extracellular and the Kinase Domains. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 776.	1.8	11

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19	An $\omega$ -3, but Not an $\omega$ -6 Polyunsaturated Fatty Acid Decreases Membrane Dipole Potential and Stimulates Endo-Lysosomal Escape of Penetratin. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 647300.	1.8	11
20	Statinâ€boosted cellular uptake and endosomal escape of penetratin due to reduced membrane dipole potential. <i>British Journal of Pharmacology</i> , 2021, 178, 3667-3681.	2.7	11
21	Incidence, predictors of success and outcome of LISA in very preterm infants. <i>Pediatric Pulmonology</i> , 2022, 57, 1751-1759.	1.0	11
22	RET overactivation leads to concurrent Hirschsprung disease and intestinal ganglioneuromas. <i>Development (Cambridge)</i> , 2020, 147, .	1.2	10
23	Cyclodextrins Exert a Ligand-like Current Inhibitory Effect on the KV1.3 Ion Channel Independent of Membrane Cholesterol Extraction. <i>Frontiers in Molecular Biosciences</i> , 2021, 8, 735357.	1.6	9
24	Ventriculomegaly with radial and renal defects: Prenatal diagnosis in two consecutive sibs. <i>American Journal of Medical Genetics Part A</i> , 1997, 73, 259-262.	2.4	8
25	Detection of haemolysis, a frequent preanalytical problem in the serum of newborns and adults. <i>Electronic Journal of the International Federation of Clinical Chemistry and Laboratory Medicine</i> , 2020, 31, 6-14.	0.7	6
26	Avian ceca are indispensable for hindgut enteric nervous system development. <i>Development (Cambridge)</i> , 2021, 148, .	1.2	6
27	Opposing Effects of Chelidonine on Tyrosine and Serine Phosphorylation of STAT3 in Human Uveal Melanoma Cells. <i>International Journal of Molecular Sciences</i> , 2021, 22, 12974.	1.8	4