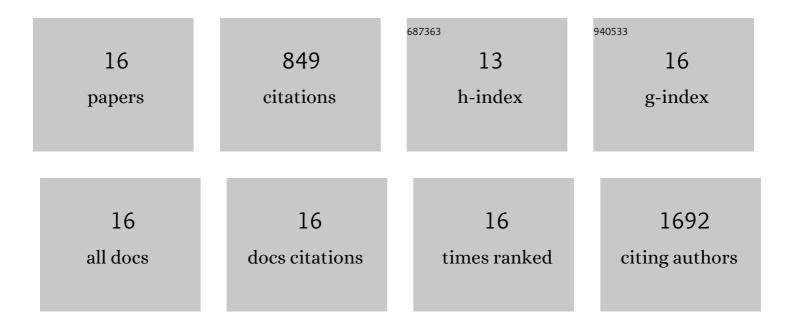
## Rachellecao

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/9760661/publications.pdf Version: 2024-02-01



**PACHELLECAO** 

#	Article	IF	CITATIONS
1	Optimization of magnetic bead-based nucleic acid extraction for SARS-CoV-2 testing using readily available reagents. Journal of Virological Methods, 2022, 299, 114339.	2.1	4
2	Lysosomal ATP Transporter SLC17A9 Controls Cell Viability via Regulating Cathepsin D. Cells, 2022, 11, 887.	4.1	3
3	Epiclomal: Probabilistic clustering of sparse single-cell DNA methylation data. PLoS Computational Biology, 2020, 16, e1008270.	3.2	18
4	The Pathognomonic FOXL2 C134W Mutation Alters DNA-Binding Specificity. Cancer Research, 2020, 80, 3480-3491.	0.9	19
5	A lysosomal K+ channel regulates large particle phagocytosis by facilitating lysosome Ca2+ release. Scientific Reports, 2020, 10, 1038.	3.3	25
6	Autophagy Regulation of Metabolism Is Required for CD8+ T Cell Anti-tumor Immunity. Cell Reports, 2019, 27, 502-513.e5.	6.4	134
7	A negative feedback regulation of MTORC1 activity by the lysosomal Ca <sup>2+</sup> channel MCOLN1 (mucolipin 1) using a CALM (calmodulin)-dependent mechanism. Autophagy, 2018, 14, 38-52.	9.1	58
8	High-Resolution Single-Cell DNA Methylation Measurements Reveal Epigenetically Distinct Hematopoietic Stem Cell Subpopulations. Stem Cell Reports, 2018, 11, 578-592.	4.8	79
9	The lysosomal Ca2+ release channel TRPML1 regulates lysosome size by activating calmodulin. Journal of Biological Chemistry, 2017, 292, 8424-8435.	3.4	84
10	BK channel agonist represents a potential therapeutic approach for lysosomal storage diseases. Scientific Reports, 2016, 6, 33684.	3.3	32
11	Activation of lysosomal P2X4 by ATP transported into lysosomes via VNUT/SLC17A9 using Vâ€ATPase generated voltage gradient as the driving force. Journal of Physiology, 2016, 594, 4253-4266.	2.9	17
12	BK Channels Alleviate Lysosomal Storage Diseases by Providing Positive Feedback Regulation of Lysosomal Ca2+ Release. Developmental Cell, 2015, 33, 427-441.	7.0	99
13	Calcium release through P2X4 activates calmodulin to promote endolysosomal membrane fusion. Journal of Cell Biology, 2015, 209, 879-894.	5.2	108
14	Lysosomal ATP transport mechanism and its significance. FASEB Journal, 2015, 29, 566.14.	0.5	1
15	SLC17A9 Protein Functions as a Lysosomal ATP Transporter and Regulates Cell Viability. Journal of Biological Chemistry, 2014, 289, 23189-23199.	3.4	53
16	P2X4 Forms Functional ATP-activated Cation Channels on Lysosomal Membranes Regulated by Luminal pH. Journal of Biological Chemistry, 2014, 289, 17658-17667.	3.4	115