

Rachellecao

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

849
citations

687363

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1692
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#	ARTICLE	IF	CITATIONS
1	Optimization of magnetic bead-based nucleic acid extraction for SARS-CoV-2 testing using readily available reagents. <i>Journal of Virological Methods</i> , 2022, 299, 114339.	2.1	4
2	Lysosomal ATP Transporter SLC17A9 Controls Cell Viability via Regulating Cathepsin D. <i>Cells</i> , 2022, 11, 887.	4.1	3
3	Epiclomal: Probabilistic clustering of sparse single-cell DNA methylation data. <i>PLoS Computational Biology</i> , 2020, 16, e1008270.	3.2	18
4	The Pathognomonic FOXL2 C134W Mutation Alters DNA-Binding Specificity. <i>Cancer Research</i> , 2020, 80, 3480-3491.	0.9	19
5	A lysosomal K ⁺ channel regulates large particle phagocytosis by facilitating lysosome Ca ²⁺ release. <i>Scientific Reports</i> , 2020, 10, 1038.	3.3	25
6	Autophagy Regulation of Metabolism Is Required for CD8 ⁺ T Cell Anti-tumor Immunity. <i>Cell Reports</i> , 2019, 27, 502-513.e5.	6.4	134
7	A negative feedback regulation of MTORC1 activity by the lysosomal Ca ²⁺ channel MCOLN1 (mucolipin 1) using a CALM (calmodulin)-dependent mechanism. <i>Autophagy</i> , 2018, 14, 38-52.	9.1	58
8	High-Resolution Single-Cell DNA Methylation Measurements Reveal Epigenetically Distinct Hematopoietic Stem Cell Subpopulations. <i>Stem Cell Reports</i> , 2018, 11, 578-592.	4.8	79
9	The lysosomal Ca ²⁺ release channel TRPML1 regulates lysosome size by activating calmodulin. <i>Journal of Biological Chemistry</i> , 2017, 292, 8424-8435.	3.4	84
10	BK channel agonist represents a potential therapeutic approach for lysosomal storage diseases. <i>Scientific Reports</i> , 2016, 6, 33684.	3.3	32
11	Activation of lysosomal P2X4 by ATP transported into lysosomes via VNUT/SLC17A9 using V _a ATPase generated voltage gradient as the driving force. <i>Journal of Physiology</i> , 2016, 594, 4253-4266.	2.9	17
12	BK Channels Alleviate Lysosomal Storage Diseases by Providing Positive Feedback Regulation of Lysosomal Ca ²⁺ Release. <i>Developmental Cell</i> , 2015, 33, 427-441.	7.0	99
13	Calcium release through P2X4 activates calmodulin to promote endolysosomal membrane fusion. <i>Journal of Cell Biology</i> , 2015, 209, 879-894.	5.2	108
14	Lysosomal ATP transport mechanism and its significance. <i>FASEB Journal</i> , 2015, 29, 566.14.	0.5	1
15	SLC17A9 Protein Functions as a Lysosomal ATP Transporter and Regulates Cell Viability. <i>Journal of Biological Chemistry</i> , 2014, 289, 23189-23199.	3.4	53
16	P2X4 Forms Functional ATP-activated Cation Channels on Lysosomal Membranes Regulated by Luminal pH. <i>Journal of Biological Chemistry</i> , 2014, 289, 17658-17667.	3.4	115