

# Andras Rab

## List of Publications by Year in descending order

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Version: 2024-02-01

27  
papers

1,261  
citations

394421

19  
h-index

552781

26  
g-index

27  
all docs

27  
docs citations

27  
times ranked

1872  
citing authors

#	ARTICLE	IF	CITATIONS
1	Targeted Gene Insertion for Functional CFTR Restoration in Airway Epithelium. <i>Frontiers in Genome Editing</i> , 2022, 4, 847645.	5.2	1
2	Derivation of Airway Basal Stem Cells from Human Pluripotent Stem Cells. <i>Cell Stem Cell</i> , 2021, 28, 79-95.e8.	11.1	119
3	The CFTR P67L variant reveals a key role for N-terminal lasso helices in channel folding, maturation, and pharmacologic rescue. <i>Journal of Biological Chemistry</i> , 2021, 296, 100598.	3.4	26
4	Stability Prediction for Mutations in the Cytosolic Domains of Cystic Fibrosis Transmembrane Conductance Regulator. <i>Journal of Chemical Information and Modeling</i> , 2021, 61, 1762-1777.	5.4	7
5	A small molecule that induces translational readthrough of CFTR nonsense mutations by eRF1 depletion. <i>Nature Communications</i> , 2021, 12, 4358.	12.8	59
6	Highly Efficient Gene Editing of Cystic Fibrosis Patient-Derived Airway Basal Cells Results in Functional CFTR Correction. <i>Molecular Therapy</i> , 2020, 28, 1684-1695.	8.2	48
7	G551D mutation impairs PKA-dependent activation of CFTR channel that can be restored by novel GOF mutations. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2020, 319, L770-L785.	2.9	5
8	VX-770-mediated potentiation of numerous human CFTR disease mutants is influenced by phosphorylation level. <i>Scientific Reports</i> , 2019, 9, 13460.	3.3	32
9	Slowing ribosome velocity restores folding and function of mutant CFTR. <i>Journal of Clinical Investigation</i> , 2019, 129, 5236-5253.	8.2	36
10	VX-770-Mediated Potentiation of Numerous Human CFTR Disease Mutants is Influenced by Phosphorylation Level. <i>Biophysical Journal</i> , 2018, 114, 488a.	0.5	0
11	Residual function of cystic fibrosis mutants predicts response to small molecule CFTR modulators. <i>JCI Insight</i> , 2018, 3, .	5.0	86
12	In Vitro Longitudinal Relaxivity Profile of Gd(ABE-DTTA), an Investigational Magnetic Resonance Imaging Contrast Agent. <i>PLoS ONE</i> , 2016, 11, e0149260.	2.5	7
13	Robust Stimulation of W1282X-CFTR Channel Activity by a Combination of Allosteric Modulators. <i>PLoS ONE</i> , 2016, 11, e0152232.	2.5	31
14	$\gamma$ F508 CFTR Surface Stability Is Regulated by DAB2 and CHIP-Mediated Ubiquitination in Post-Endocytic Compartments. <i>PLoS ONE</i> , 2015, 10, e0123131.	2.5	29
15	Chymase Mediates Injury and Mitochondrial Damage in Cardiomyocytes during Acute Ischemia/Reperfusion in the Dog. <i>PLoS ONE</i> , 2014, 9, e94732.	2.5	39
16	The silent codon change I507A $\rightarrow$ ATC $\rightarrow$ TATT contributes to the severity of the $\gamma$ F508 CFTR channel dysfunction. <i>FASEB Journal</i> , 2013, 27, 4630-4645.	0.5	60
17	Cigarette smoke and CFTR: implications in the pathogenesis of COPD. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2013, 305, L530-L541.	2.9	133
18	Dab2 is a key regulator of endocytosis and post-endocytic trafficking of the cystic fibrosis transmembrane conductance regulator. <i>Biochemical Journal</i> , 2012, 441, 633-643.	3.7	34

#	ARTICLE	IF	CITATIONS
19	CFTR Expression Regulation by the Unfolded Protein Response. <i>Methods in Enzymology</i> , 2011, 491, 3-24.	1.0	43
20	The Unfolded Protein Response (UPR)-activated Transcription Factor X-box-binding Protein 1 (XBP1) Induces MicroRNA-346 Expression That Targets the Human Antigen Peptide Transporter 1 (TAP1) mRNA and Governs Immune Regulatory Genes. <i>Journal of Biological Chemistry</i> , 2011, 286, 41862-41870.	3.4	134
21	O-GlcNAc modification of proteins affects volume regulation in Jurkat cells. <i>European Biophysics Journal</i> , 2010, 39, 1207-1217.	2.2	10
22	The Mechanism of Cystic Fibrosis Transmembrane Conductance Regulator Transcriptional Repression during the Unfolded Protein Response. <i>Journal of Biological Chemistry</i> , 2008, 283, 12154-12165.	3.4	66
23	Activation of the Unfolded Protein Response by $\Delta$ F508 CFTR. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2008, 39, 448-457.	2.9	84
24	Endoplasmic reticulum stress and the unfolded protein response regulate genomic cystic fibrosis transmembrane conductance regulator expression. <i>American Journal of Physiology - Cell Physiology</i> , 2007, 292, C756-C766.	4.6	66
25	Restoration of W1282X CFTR Activity by Enhanced Expression. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2007, 37, 347-356.	2.9	59
26	VCP/p97 AAA-ATPase Does Not Interact with the Endogenous Wild-Type Cystic Fibrosis Transmembrane Conductance Regulator. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2007, 36, 706-714.	2.9	13
27	Hexose phosphorylation and the putative calcium channel component Mid1p are required for the hexose-induced transient elevation of cytosolic calcium response in <i>Saccharomyces cerevisiae</i> . <i>Molecular Microbiology</i> , 2002, 44, 1299-1308.	2.5	34