

# Tsukasa Okiyoneda

## List of Publications by Year in descending order

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35  
papers

2,345  
citations

304368

22  
h-index

360668

35  
g-index

36  
all docs

36  
docs citations

36  
times ranked

2813  
citing authors

#	ARTICLE	IF	CITATIONS
1	Peripheral Protein Quality Control Removes Unfolded CFTR from the Plasma Membrane. <i>Science</i> , 2010, 329, 805-810.	6.0	377
2	Mechanism-based corrector combination restores $\Delta F508$ -CFTR folding and function. <i>Nature Chemical Biology</i> , 2013, 9, 444-454.	3.9	361
3	Correction of Both NBD1 Energetics and Domain Interface Is Required to Restore $\Delta F508$ CFTR Folding and Function. <i>Cell</i> , 2012, 148, 150-163.	13.5	263
4	Reduced histone deacetylase 7 activity restores function to misfolded CFTR in cystic fibrosis. <i>Nature Chemical Biology</i> , 2010, 6, 25-33.	3.9	237
5	N-glycans are direct determinants of CFTR folding and stability in secretory and endocytic membrane traffic. <i>Journal of Cell Biology</i> , 2009, 184, 847-862.	2.3	118
6	Promoter hypomethylation of Toll-like receptor 2 gene is associated with increased proinflammatory response toward bacterial peptidoglycan in cystic fibrosis bronchial epithelial cells. <i>FASEB Journal</i> , 2006, 20, 782-784.	0.2	95
7	$\Delta F508$ CFTR Pool in the Endoplasmic Reticulum Is Increased by Calnexin Overexpression. <i>Molecular Biology of the Cell</i> , 2004, 15, 563-574.	0.9	87
8	Revisiting the Role of Cystic Fibrosis Transmembrane Conductance Regulator and Counterion Permeability in the pH Regulation of Endocytic Organelles. <i>Molecular Biology of the Cell</i> , 2009, 20, 3125-3141.	0.9	73
9	Protein quality control at the plasma membrane. <i>Current Opinion in Cell Biology</i> , 2011, 23, 483-491.	2.6	70
10	STT3B-Dependent Posttranslational N-Glycosylation as a Surveillance System for Secretory Protein. <i>Molecular Cell</i> , 2012, 47, 99-110.	4.5	69
11	Chaperones rescue the energetic landscape of mutant CFTR at single molecule and in cell. <i>Nature Communications</i> , 2017, 8, 398.	5.8	57
12	Chaperone-Independent Peripheral Quality Control of CFTR by RFFL E3 Ligase. <i>Developmental Cell</i> , 2018, 44, 694-708.e7.	3.1	57
13	Membrane-anchored CD14 is required for LPS-induced TLR4 endocytosis in TLR4/MD-2/CD14 overexpressing CHO cells. <i>Biochemical and Biophysical Research Communications</i> , 2005, 338, 1402-1409.	1.0	46
14	Calreticulin Negatively Regulates the Cell Surface Expression of Cystic Fibrosis Transmembrane Conductance Regulator. <i>Journal of Biological Chemistry</i> , 2006, 281, 12841-12848.	1.6	42
15	Fixing cystic fibrosis by correcting CFTR domain assembly. <i>Journal of Cell Biology</i> , 2012, 199, 199-204.	2.3	38
16	Ubiquitination-dependent quality control of hERG K <sup>+</sup> channel with acquired and inherited conformational defect at the plasma membrane. <i>Molecular Biology of the Cell</i> , 2013, 24, 3787-3804.	0.9	38
17	Cell surface dynamics of CFTR: The ins and outs. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2007, 1773, 476-479.	1.9	30
18	CFTR Folding Consortium: Methods Available for Studies of CFTR Folding and Correction. <i>Methods in Molecular Biology</i> , 2011, 742, 335-353.	0.4	30

#	ARTICLE	IF	CITATIONS
19	Peripheral Protein Quality Control as a Novel Drug Target for CFTR Stabilizer. <i>Frontiers in Pharmacology</i> , 2018, 9, 1100.	1.6	29
20	Role of calnexin in the ER quality control and productive folding of CFTR; differential effect of calnexin knockout on wild-type and $\Delta$ F508 CFTR. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2008, 1783, 1585-1594.	1.9	27
21	Sp1-dependent regulation of Myeloid Elf-1 like factor in human epithelial cells. <i>FEBS Letters</i> , 2005, 579, 2811-2816.	1.3	24
22	Curcumin enhances cystic fibrosis transmembrane regulator expression by down-regulating calreticulin. <i>Biochemical and Biophysical Research Communications</i> , 2007, 353, 351-356.	1.0	23
23	The integral function of endocytic recycling compartment is regulated by RFFL-mediated ubiquitination of Rab11 effectors. <i>Journal of Cell Science</i> , 2019, 132, .	1.2	23
24	Calreticulin facilitates the cell surface expression of ABCG5/G8. <i>Biochemical and Biophysical Research Communications</i> , 2006, 347, 67-75.	1.0	20
25	Calnexin $\Delta$ 185-520 partially reverses the misprocessing of the $\Delta$ F508 cystic fibrosis transmembrane conductance regulator1. <i>FEBS Letters</i> , 2002, 526, 87-92.	1.3	17
26	Sp1 is involved in the transcriptional activation of lysozyme in epithelial cells. <i>Biochemical and Biophysical Research Communications</i> , 2004, 324, 1302-1308.	1.0	14
27	Characterization of the Trafficking Pathway of Cystic Fibrosis Transmembrane Conductance Regulator in Baby Hamster Kidney Cells. <i>Journal of Pharmacological Sciences</i> , 2004, 95, 471-475.	1.1	13
28	Endocytic Sorting of CFTR Variants Monitored by Single-Cell Fluorescence Ratiometric Image Analysis (FRIA) in Living Cells. <i>Methods in Molecular Biology</i> , 2011, 741, 301-317.	0.4	13
29	Cystic Fibrosis Transmembrane Conductance Regulator (CFTR) Ubiquitylation as a Novel Pharmaceutical Target for Cystic Fibrosis. <i>Pharmaceutics</i> , 2020, 13, 75.	1.7	12
30	Bafilomycin A1-sensitive pathway is required for the maturation of cystic fibrosis transmembrane conductance regulator. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2006, 1763, 1017-1023.	1.9	9
31	Phosphatidic acid metabolism regulates the intracellular trafficking and retrotranslocation of CFTR. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2008, 1783, 153-162.	1.9	9
32	The Ubiquitin Ligase RNF34 Participates in the Peripheral Quality Control of CFTR (RNF34 Role in CFTR) Tj ETQq0 0 0 rgBT /Overlock 10	1.6	8
33	Characterization of CFTR expression in a human pulmonary mucoepidermoid carcinoma cell line, NCI-H292 cells. <i>FEBS Letters</i> , 1999, 455, 215-218.	1.3	7
34	Efficient induction of proximity-dependent labelling by biotin feeding in BMAL1-BioID knock-in mice. <i>Journal of Biochemistry</i> , 2021, 170, 453-461.	0.9	6
35	ELISA Based Protein Ubiquitylation Measurement. <i>Bio-protocol</i> , 2019, 9, e3430.	0.2	3