

Martin Mense

List of Publications by Year in descending order

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11
papers

1,484
citations

933447

10
h-index

1281871

11
g-index

12
all docs

12
docs citations

12
times ranked

2911
citing authors

#	ARTICLE	IF	CITATIONS
1	CFTR mRNAs with nonsense codons are degraded by the SMG6-mediated endonucleolytic decay pathway. <i>Nature Communications</i> , 2022, 13, 2344.	12.8	12
2	Transcriptional analysis of cystic fibrosis airways at single-cell resolution reveals altered epithelial cell states and composition. <i>Nature Medicine</i> , 2021, 27, 806-814.	30.7	101
3	A small molecule that induces translational readthrough of CFTR nonsense mutations by eRF1 depletion. <i>Nature Communications</i> , 2021, 12, 4358.	12.8	59
4	Chemical modifications of adenine base editor mRNA and guide RNA expand its application scope. <i>Nature Communications</i> , 2020, 11, 1979.	12.8	66
5	Nonsense-mediated RNA Decay Pathway Inhibition Restores Expression and Function of W1282X CFTR. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2019, 61, 290-300.	2.9	53
6	Isogenic cell models of cystic fibrosis-causing variants in natively expressing pulmonary epithelial cells. <i>Journal of Cystic Fibrosis</i> , 2019, 18, 476-483.	0.7	88
7	Partial rescue of F508del cystic fibrosis transmembrane conductance regulator channel gating with modest improvement of protein processing, but not stability, by a dual-acting small molecule. <i>British Journal of Pharmacology</i> , 2018, 175, 1017-1038.	5.4	17
8	A revised airway epithelial hierarchy includes CFTR-expressing ionocytes. <i>Nature</i> , 2018, 560, 319-324.	27.8	878
9	Discovery of Clinically Approved Agents That Promote Suppression of Cystic Fibrosis Transmembrane Conductance Regulator Nonsense Mutations. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2016, 194, 1092-1103.	5.6	77
10	Conformational Changes Relevant to Channel Activity and Folding within the first Nucleotide Binding Domain of the Cystic Fibrosis Transmembrane Conductance Regulator. <i>Journal of Biological Chemistry</i> , 2012, 287, 28480-28494.	3.4	48
11	Small molecule correctors of F508del-CFTR discovered by structure-based virtual screening. <i>Journal of Computer-Aided Molecular Design</i> , 2010, 24, 971-991.	2.9	85