Eric J Sorscher

List of Publications by Year
in descending order

155 papers	9,347 citations	41339 49 h-index	43886 91 g-index
162 all docs	162 docs citations	162 times ranked	8619 citing authors

#	Article	IF	Citations
1	Cystic Fibrosis. New England Journal of Medicine, 2005, 352, 1992-2001.	27.0	1,354
2	Characterization and Dynamics of Aggresome Formation by a Cytosolic Gfp-Chimeraâœª. Journal of Cell Biology, 1999, 146, 1239-1254.	5.2	557
3	From CFTR biology toward combinatorial pharmacotherapy: expanded classification of cystic fibrosis mutations. Molecular Biology of the Cell, 2016, 27, 424-433.	2.1	446
4	Suppression of a CFTR premature stop mutation in a bronchial epithelial cell line. Nature Medicine, 1997, 3, 1280-1284.	30.7	315
5	Type I and Type III Interferons Restrict SARS-CoV-2 Infection of Human Airway Epithelial Cultures. Journal of Virology, 2020, 94, .	3.4	250
6	Reduced histone deacetylase 7 activity restores function to misfolded CFTR in cystic fibrosis. Nature Chemical Biology, 2010, 6, 25-33.	8.0	237
7	CFTR modulator theratyping: Current status, gaps and future directions. Journal of Cystic Fibrosis, 2019, 18, 22-34.	0.7	208
8	A macromolecular complex of Â2 adrenergic receptor, CFTR, and ezrin/radixin/moesin-binding phosphoprotein 50 is regulated by PKA. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 342-346.	7.1	203
9	Failure of cAMP agonists to activate rescued Î”F508 CFTR in CFBE41o-airway epithelial monolayers. Journal of Physiology, 2005, 569, 601-615.	2.9	169
10	Targeted Correction and Restored Function of the CFTR Gene in Cystic Fibrosis Induced Pluripotent Stem Cells. Stem Cell Reports, 2015, 4, 569-577.	4.8	168
11	Aminoglycoside suppression of a premature stop mutation in a Cftrâ€"/â€" mouse carrying a human CFTR-G542X transgene. Journal of Molecular Medicine, 2002, 80, 595-604.	3.9	160
12	A Pharmacologic Approach to Acquired Cystic Fibrosis Transmembrane Conductance Regulator Dysfunction in Smoking Related Lung Disease. PLoS ONE, 2012, 7, e39809.	2.5	159
13	Method for Quantitative Study of Airway Functional Microanatomy Using Micro-Optical Coherence Tomography. PLoS ONE, 2013, 8, e54473.	2.5	152
14	A Functional Anatomic Defect of the Cystic Fibrosis Airway. American Journal of Respiratory and Critical Care Medicine, 2014, 190, 421-432.	5.6	135
15	Characterization of Defects in Ion Transport and Tissue Development in Cystic Fibrosis Transmembrane Conductance Regulator (CFTR)-Knockout Rats. PLoS ONE, 2014, 9, e91253.	2.5	133
16	Cigarette smoke condensate inhibits transepithelial chloride transport and ciliary beat frequency. Laryngoscope, 2009, 119, 2269-2274.	2.0	120
17	Efficient Intracellular Processing of the Endogenous Cystic Fibrosis Transmembrane Conductance Regulator in Epithelial Cell Lines. Journal of Biological Chemistry, 2004, 279, 22578-22584.	3.4	118
18	Potential Role of High-Mobility Group Box 1 in Cystic Fibrosis Airway Disease. American Journal of Respiratory and Critical Care Medicine, 2008, 178, 822-831.	5.6	112

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19	In VivoGene Therapy of Cancer withE. coliPurine Nucleoside Phosphorylase. Human Gene Therapy, 1997, 8, 1637-1644.	2.7	110
20	The Mechanism Underlying Cystic Fibrosis Transmembrane Conductance Regulator Transport from the Endoplasmic Reticulum to the Proteasome Includes Sec61Î² and a Cytosolic, Deglycosylated Intermediary. Journal of Biological Chemistry, 1998, 273, 29873-29878.	3.4	108
21	Enhanced cell-surface stability of rescued Î”F508 cystic fibrosis transmembrane conductance regulator (CFTR) by pharmacological chaperones. Biochemical Journal, 2008, 410, 555-564.	3.7	96
22	Epithelial P2X purinergic receptor channel expression and function. Journal of Clinical Investigation, 1999, 104, 875-884.	8.2	95
23	Lymphoma Chemovirotherapy: CD20-Targeted and Convertase-Armed Measles Virus Can Synergize with Fludarabine. Cancer Research, 2007, 67, 10939-10947.	0.9	86
24	Residual function of cystic fibrosis mutants predicts response to small molecule CFTR modulators. JCI Insight, 2018, 3, .	5.0	86
25	Development of an airway mucus defect in the cystic fibrosis rat. JCI Insight, 2018, 3, .	5.0	84
26	Interaction between Cystic Fibrosis Transmembrane Conductance Regulator and Outwardly Rectified Chloride Channels. Journal of Biological Chemistry, 1995, 270, 29194-29200.	3.4	80
27	Reactive Oxygen Nitrogen Species Decrease Cystic Fibrosis Transmembrane Conductance Regulator Expression and cAMP-mediated Clâ» Secretion in Airway Epithelia. Journal of Biological Chemistry, 2002, 277, 43041-43049.	3.4	79
28	An Immunocompetent Murine Model for Oncolysis with an Armed and Targeted Measles Virus. Molecular Therapy, 2007, 15, 1991-1997.	8.2	79
29	A yeast phenomic model for the gene interaction network modulating CFTR-Î”F508 protein biogenesis. Genome Medicine, 2012, 4, 103.	8.2	76
30	Antitumor activity of 2-fluoro-2â€²-deoxyadenosine against tumors that express Escherichia coli purine nucleoside phosphorylase. Cancer Gene Therapy, 2003, 10, 23-29.	4.6	74
31	Myofibroblast Differentiation and Enhanced Tgf-B Signaling in Cystic Fibrosis Lung Disease. PLoS ONE, 2013, 8, e70196.	2.5	74
32	Adenosine and its nucleotides activate wild-type and R117H CFTR through an A_{2B}receptor-coupled pathway. American Journal of Physiology - Cell Physiology, 1999, 276, C361-C369.	4.6	73
33	Extracellular Zinc and ATP Restore Chloride Secretion across Cystic Fibrosis Airway Epithelia by Triggering Calcium Entry. Journal of Biological Chemistry, 2004, 279, 10720-10729.	3.4	73
34	Gene Therapy for Cystic Fibrosis Using Cationic Liposome Mediated Gene Transfer: A Phase I Trial of Safety and Efficacy in the Nasal Airway. University of Alabama at Birmingham, Birmingham, Alabama. Human Gene Therapy, 1994, 5, 1259-1277.	2.7	69
35	Clinical doses of amikacin provide more effective suppression of the human CFTR-G542X stop mutation than gentamicin in a transgenic CF mouse model. Journal of Molecular Medicine, 2006, 84, 573-582.	3.9	68
36	Future Directions in Early Cystic Fibrosis Lung Disease Research. American Journal of Respiratory and Critical Care Medicine, 2012, 185, 887-892.	5.6	68

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37	An Autoregulatory Mechanism Governing Mucociliary Transport Is Sensitive to Mucus Load. American Journal of Respiratory Cell and Molecular Biology, 2014, 51, 485-493.	2.9	68
38	Correlation of microRNA levels during hypoxia with predicted target mRNAs through genome-wide microarray analysis. BMC Medical Genomics, 2009, 2, 15.	1.5	65
39	Effects of megestrol acetate on weight gain, body composition, and pulmonary function in patients with cystic fibrosis. Journal of Pediatrics, 2002, 140, 439-444.	1.8	60
40	The silent codon change I507â€ATCâ†'ATT contributes to the severity of the Î"F508 CFTR channel dysfunction. FASEB Journal, 2013, 27, 4630-4645.	0.5	60
41	Cell to Cell Contact Is Not Required for Bystander Cell Killing by Escherichia coli Purine Nucleoside Phosphorylase. Journal of Biological Chemistry, 1998, 273, 2322-2328.	3.4	59
42	Restoration of W1282X CFTR Activity by Enhanced Expression. American Journal of Respiratory Cell and Molecular Biology, 2007, 37, 347-356.	2.9	59
43	A small molecule that induces translational readthrough of CFTR nonsense mutations by eRF1 depletion. Nature Communications, 2021, 12, 4358.	12.8	59
44	Combination therapy with cystic fibrosis transmembrane conductance regulator modulators augment the airway functional microanatomy. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2016, 310, L928-L939.	2.9	58
45	Quercetin Increases Cystic Fibrosis Transmembrane Conductance Regulatorâ€"Mediated Chloride Transport and Ciliary Beat Frequency: Therapeutic Implications for Chronic Rhinosinusitis. American Journal of Rhinology and Allergy, 2011, 25, 307-312.	2.0	55
46	Excellent In vivo Bystander Activity of Fludarabine Phosphate against Human Glioma Xenografts that Express the Escherichia coli Purine Nucleoside Phosphorylase Gene. Cancer Research, 2004, 64, 6610-6615.	0.9	54
47	Leflunomide Prevents Alveolar Fluid Clearance Inhibition by Respiratory Syncytial Virus. American Journal of Respiratory and Critical Care Medicine, 2006, 173, 673-682.	5.6	54
48	Transepithelial ion transport is suppressed in hypoxic sinonasal epithelium. Laryngoscope, 2011, 121, 1929-1934.	2.0	52
49	Sinupret Activates CFTR and TMEM16A-Dependent Transepithelial Chloride Transport and Improves Indicators of Mucociliary Clearance. PLoS ONE, 2014, 9, e104090.	2.5	52
50	Activation of Î"F508 CFTR in an epithelial monolayer. American Journal of Physiology - Cell Physiology, 1998, 275, C599-C607.	4.6	51
51	Adenosine Receptors and Phosphodiesterase Inhibitors Stimulate Clâ^'Secretion in Calu-3 Cells. American Journal of Respiratory Cell and Molecular Biology, 2003, 29, 410-418.	2.9	49
52	Analysis of cystic fibrosisâ€"associated P67L CFTR illustrates barriers to personalized therapeutics for orphan diseases. JCI Insight, 2016, 1, .	5.0	49
53	Ribosomal Stalk Protein Silencing Partially Corrects the Î"F508-CFTR Functional Expression Defect. PLoS Biology, 2016, 14, e1002462.	5.6	49
54	The bioflavonoid compound, sinupret, stimulates transepithelial chloride transport in vitro and in vivo. Laryngoscope, 2010, 120, 1051-1056.	2.0	48

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55	Highly Efficient Gene Editing of Cystic Fibrosis Patient-Derived Airway Basal Cells Results in Functional CFTR Correction. Molecular Therapy, 2020, 28, 1684-1695.	8.2	48
56	Role of Oxygen Availability in CFTR Expression and Function. American Journal of Respiratory Cell and Molecular Biology, 2008, 39, 514-521.	2.9	47
57	Cystic fibrosis transmembrane conductance regulator modulation by the tobacco smoke toxin acrolein. Laryngoscope, 2012, 122, 1193-1197.	2.0	47
58	Activation of Airway Clâ^'Secretion in Human Subjects by Adenosine. American Journal of Respiratory Cell and Molecular Biology, 2004, 31, 140-146.	2.9	45
59	Exposure to cigarette smoke condensate reduces calcium activated chloride channel transport in primary sinonasal epithelial cultures. Laryngoscope, 2010, 120, 1465-1469.	2.0	45
60	Designer Gene Therapy Using an Escherichia coli Purine Nucleoside Phosphorylase/Prodrug System. Chemistry and Biology, 2003, 10, 1173-1181.	6.0	43
61	Gene Therapy of Cancer: Activation of Nucleoside Prodrugs withE. coliPurine Nucleoside Phosphorylase. Nucleosides & Nucleotides, 1999, 18, 745-757.	0.5	42
62	Molecular Proximity of Cystic Fibrosis Transmembrane Conductance Regulator and Epithelial Sodium Channel Assessed by Fluorescence Resonance Energy Transfer. Journal of Biological Chemistry, 2007, 282, 36481-36488.	3.4	40
63	Resveratrol has salutary effects on mucociliary transport and inflammation in sinonasal epithelium. Laryngoscope, 2011, 121, 1313-1319.	2.0	40
64	Severe phenotype in mice with termination mutation in exon 2 of cystic fibrosis gene. Somatic Cell and Molecular Genetics, 1995, 21, 177-187.	0.7	39
65	Hesperidin stimulates cystic fibrosis transmembrane conductance regulatorâ€mediated chloride secretion and ciliary beat frequency in sinonasal epithelium. Otolaryngology - Head and Neck Surgery, 2010, 143, 397-404.	1.9	39
66	Resveratrol Enhances Airway Surface Liquid Depth in Sinonasal Epithelium by Increasing Cystic Fibrosis Transmembrane Conductance Regulator Open Probability. PLoS ONE, 2013, 8, e81589.	2.5	39
67	Slowing ribosome velocity restores folding and function of mutant CFTR. Journal of Clinical Investigation, 2019, 129, 5236-5253.	8.2	36
68	Mutations in the Amino Terminus of the Cystic Fibrosis Transmembrane Conductance Regulator Enhance Endocytosis. Journal of Biological Chemistry, 2006, 281, 3329-3334.	3.4	35
69	Interregulation of Proton-gated Na+ Channel 3 and Cystic Fibrosis Transmembrane Conductance Regulator. Journal of Biological Chemistry, 2006, 281, 36960-36968.	3.4	35
70	Inhibitory effects of hypertonic saline on P. aeruginosa motility. Journal of Cystic Fibrosis, 2008, 7, 267-269.	0.7	35
71	Ivacaftor Reverses Airway Mucus Abnormalities in a Rat Model Harboring a Humanized G551D-CFTR. American Journal of Respiratory and Critical Care Medicine, 2020, 202, 1271-1282.	5.6	35
72	A Long-Acting Suicide Gene Toxin, 6-Methylpurine, Inhibits Slow Growing Tumors after a Single Administration. Journal of Pharmacology and Experimental Therapeutics, 2003, 304, 1280-1284.	2.5	34

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73	Assessment of CFTR localisation in native airway epithelial cells obtained by nasal brushing. Journal of Cystic Fibrosis, 2004, 3, 43-48.	0.7	34
74	PNP Anticancer Gene Therapy. Current Topics in Medicinal Chemistry, 2005, 5, 1259-1274.	2.1	32
75	VX-770-mediated potentiation of numerous human CFTR disease mutants is influenced by phosphorylation level. Scientific Reports, 2019, 9, 13460.	3.3	32
76	Comparison of Cystic Fibrosis Transmembrane Conductance Regulator (CFTR) and Ciliary Beat Frequency Activation by the CFTR Modulators Genistein, VRT-532, and UC_{CF}-152 in Primary Sinonasal Epithelial Cultures. JAMA Otolaryngology - Head and Neck Surgery, 2013, 139, 822.	2.2	31
77	The unfolded protein response affects readthrough of premature termination codons. EMBO Molecular Medicine, 2014, 6, 685-701.	6.9	31
78	Robust Stimulation of W1282X-CFTR Channel Activity by a Combination of Allosteric Modulators. PLoS ONE, 2016, 11, e0152232.	2.5	31
79	Antisense oligonucleotide-based drug development for Cystic Fibrosis patients carrying the 3849+10Âkb C-to-T splicing mutation. Journal of Cystic Fibrosis, 2021, 20, 865-875.	0.7	30
80	CFTR Folding Consortium: Methods Available for Studies of CFTR Folding and Correction. Methods in Molecular Biology, 2011, 742, 335-353.	0.9	30
81	Ablation of Internalization Signals in the Carboxyl-terminal Tail of the Cystic Fibrosis Transmembrane Conductance Regulator Enhances Cell Surface Expression. Journal of Biological Chemistry, 2002, 277, 49952-49957.	3.4	29
82	Purification of CFTR for mass spectrometry analysis: identification of palmitoylation and other post-translational modifications. Protein Engineering, Design and Selection, 2012, 25, 7-14.	2.1	28
83	Trafficking and function of the cystic fibrosis transmembrane conductance regulator: a complex network of posttranslational modifications. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2016, 311, L719-L733.	2.9	28
84	Micro-RNA-like effects of complete intronic sequences. Frontiers in Bioscience - Landmark, 2006, 11, 1998.	3.0	27
85	Genetic Modification of Adeno-Associated Viral Vector Type 2 Capsid Enhances Gene Transfer Efficiency in Polarized Human Airway Epithelial Cells. Human Gene Therapy, 2008, 19, 1407-1414.	2.7	27
86	Comparison of Vectorial Ion Transport in Primary Murine Airway and human Sinonasal Air-Liquid Interface Cultures, Models for Studies of Cystic Fibrosis, and other Airway Diseases. American Journal of Rhinology and Allergy, 2009, 23, 149-152.	2.0	27
87	In vivo antitumor activity of intratumoral fludarabine phosphate in refractory tumors expressing E. coli purine nucleoside phosphorylase. Cancer Chemotherapy and Pharmacology, 2012, 70, 321-329.	2.3	27
88	Regulatory domain phosphorylation to distinguish the mechanistic basis underlying acute CFTR modulators. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2011, 301, L587-L597.	2.9	26
89	The CFTR P67L variant reveals a key role for N-terminal lasso helices in channel folding, maturation, and pharmacologic rescue. Journal of Biological Chemistry, 2021, 296, 100598.	3.4	26
90	Reduced bone length, growth plate thickness, bone content, and IGF-I as a model for poor growth in the CFTR-deficient rat. PLoS ONE, 2017, 12, e0188497.	2.5	24

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91	Making precision medicine personal for cystic fibrosis. Science, 2019, 365, 220-221.	12.6	24
92	Chlorzoxazone or 1-EBIO increases Na⁺absorption across cystic fibrosis airway epithelial cells. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2001, 281, L1123-L1129.	2.9	23
93	Antibiotic-Mediated Chemoprotection Enhances Adaptation ofE. coliPNP for Herpes Simplex Virus-Based Glioma Therapy. Human Gene Therapy, 2005, 16, 339-347.	2.7	23
94	Cystic fibrosis precision therapeutics: Emerging considerations. Pediatric Pulmonology, 2019, 54, S13-S17.	2.0	23
95	Increasing the Endoplasmic Reticulum Pool of the F508del Allele of the Cystic Fibrosis Transmembrane Conductance Regulator Leads to Greater Folding Correction by Small Molecule Therapeutics. PLoS ONE, 2016, 11, e0163615.	2.5	23
96	Affinity purification of insoluble recombinant fusion proteins containing glutathione-S-transferase. Biotechnology and Bioengineering, 1992, 39, 828-832.	3.3	21
97	Marine Natural Products as Leads against SARS-CoV-2 Infection. Journal of Natural Products, 2022, 85, 657-665.	3.0	21
98	Association of cystic fibrosis genetic modifiers with congenital bilateral absence of the vas deferens. Fertility and Sterility, 2010, 94, 2122-2127.	1.0	20
99	Role for Phospholipid Interactions in the Trafficking Defect of Î”F508-CFTR. Biochemistry, 2002, 41, 11161-11170.	2.5	19
100	Heterozygosity for the F508del Mutation in the Cystic Fibrosis Transmembrane Conductance Regulator Anion Channel Attenuates Influenza Severity. Journal of Infectious Diseases, 2013, 208, 780-789.	4.0	19
101	Transformative therapies for rare CFTR missense alleles. Current Opinion in Pharmacology, 2017, 34, 76-82.	3.5	19
102	Positive epistasis between disease-causing missense mutations and silent polymorphism with effect on mRNA translation velocity. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	18
103	Chlorogenic Acid Activates CFTR-Mediated Clâ€“ Secretion in Mice and Humans. Otolaryngology - Head and Neck Surgery, 2015, 153, 291-297.	1.9	17
104	Respiratory Syncytial Virus Infection Disrupts Monolayer Integrity and Function in Cystic Fibrosis Airway Cells. Viruses, 2013, 5, 2260-2271.	3.3	16
105	Channel Gating Regulation by the Cystic Fibrosis Transmembrane Conductance Regulator (CFTR) First Cytosolic Loop. Journal of Biological Chemistry, 2016, 291, 1854-1865.	3.4	16
106	Assessing cell-specific effects of genetic variations using tRNA microarrays. BMC Genomics, 2019, 20, 549.	2.8	16
107	Elevation of hepatic sulphotransferase activities in mice with resistance to cystic fibrosis. Biochemical Journal, 2002, 364, 115-120.	3.7	15
108	Cystic fibrosis transmembrane conductance regulator activation by the solvent ethanol: implications for topical drug delivery. International Forum of Allergy and Rhinology, 2016, 6, 178-184.	2.8	15

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109	An Ancient CFTR Ortholog Informs Molecular Evolution in ABC Transporters. Developmental Cell, 2019, 51, 421-430.e3.	7.0	15
110	LPS decreases CFTR open probability and mucociliary transport through generation of reactive oxygen species. Redox Biology, 2021, 43, 101998.	9.0	14
111	DESIGN AND EVALUATION OF 5â€²-MODIFIED NUCLEOSIDE ANALOGS AS PRODRUGS FOR AN E. COLI PURINE NUCLEOSIDE PHOSPHORYLASE MUTANT. Nucleosides, Nucleotides and Nucleic Acids, 2005, 24, 387-392.	1.1	13
112	A truncated CFTR protein rescues endogenous âˆ†F508â€CFTR and corrects chloride transport in mice. FASEB Journal, 2009, 23, 3743-3751.	0.5	13
113	Porcine nasal epithelial cultures for studies of cystic fibrosis sinusitis. International Forum of Allergy and Rhinology, 2014, 4, 565-570.	2.8	13
114	Interference with Ubiquitination in CFTR Modifies Stability of Core Glycosylated and Cell Surface Pools. Molecular and Cellular Biology, 2014, 34, 2554-2565.	2.3	13
115	Luminal fluid tonicity regulates airway ciliary beating by altering membrane stretch and intracellular calcium. Cytoskeleton, 2008, 65, 469-475.	4.4	12
116	The non-random distribution of intronless human genes across molecular function categories. FEBS Letters, 2006, 580, 4303-4305.	2.8	11
117	A Comparison between Two Pathophysiologically Different yet Microbiologically Similar Lung Diseases: Cystic Fibrosis and Chronic Obstructive Pulmonary Disease. International Journal of Respiratory and Pulmonary Medicine, 2018, 5, .	0.1	10
118	S-palmitoylation regulates biogenesis of core glycosylated wild-type and F508del CFTR in a post-ER compartment. Biochemical Journal, 2014, 459, 417-425.	3.7	9
119	Non-obstructive vas deferens and epididymis loss in cystic fibrosis rats. Mechanisms of Development, 2019, 155, 15-26.	1.7	8
120	Development of drug targeting based on recombinant expression of the chicken avidin gene. Journal of Drug Targeting, 1996, 4, 41-49.	4.4	7
121	Intratumoral generation of 2â€fluoroadenine to treat solid malignancies of the head and neck. Head and Neck, 2019, 41, 1979-1983.	2.0	7
122	Stability Prediction for Mutations in the Cytosolic Domains of Cystic Fibrosis Transmembrane Conductance Regulator. Journal of Chemical Information and Modeling, 2021, 61, 1762-1777.	5.4	7
123	A medium composition containing normal resting glucose that supports differentiation of primary human airway cells. Scientific Reports, 2022, 12, 1540.	3.3	7
124	Improved correction of F508del-CFTR biogenesis with a folding facilitator and an inhibitor of protein ubiquitination. Bioorganic and Medicinal Chemistry Letters, 2021, 48, 128243.	2.2	6
125	Use of E. coli Purine Nucleoside Phosphorylase in the Treatment of Solid Tumors. Current Pharmaceutical Design, 2018, 23, 7003-7024.	1.9	6
126	Common structural patterns in human genes. Bioinformatics, 2004, 20, 1632-1635.	4.1	5

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127	Hepatocyte growth factor stimulates adenoviral-mediated gene transfer across the apical membrane of epithelial cells. Journal of Gene Medicine, 2004, 6, 624-630.	2.8	5
128	The role of the F508C mutation in congenital bilateral absence of the vas deferens. Genetics in Medicine, 2008, 10, 910-914.	2.4	5
129	The use of Trichomonas vaginalis purine nucleoside phosphorylase to activate fludarabine in the treatment of solid tumors. Cancer Chemotherapy and Pharmacology, 2020, 85, 573-583.	2.3	5
130	Longevity and Plasticity of CFTR Provide an Argument for Noncanonical SNP Organization in Hominid DNA. PLoS ONE, 2014, 9, e109186.	2.5	5
131	Tumor Sensitization to Purine Analogs by E. coli PNP. , 2004, 90, 223-246.		5
132	Enhancement of Adenovirus-Mediated Gene Transfer in Lungs and Epithelial Cells by EGTA. Chest, 2002, 121, 35S.	0.8	4
133	Human genome - from pieces to patterns. Frontiers in Bioscience - Landmark, 2005, 10, 2576.	3.0	4
134	Bioelectric effects of quinine on polarized airway epithelial cells. Journal of Cystic Fibrosis, 2007, 6, 351-359.	0.7	4
135	Marked repression of CFTR mRNA in the transgenic Cftrtm1kth mouse model. Journal of Cystic Fibrosis, 2014, 13, 351-352.	0.7	4
136	Global assessment of the integrated stress response in CF patient-derived airway and intestinal tissues. Journal of Cystic Fibrosis, 2020, 19, 1021-1026.	0.7	4
137	Chapter 32 Use of Fluorescence-Activated Cell Sorting for Rapid Isolation of Insect Cells Harboring Recombinant Baculovirus. Methods in Cell Biology, 1994, 42 Pt B, 563-574.	1.1	3
138	A Breath of Fresh Air. Scientific American, 2011, 305, 68-73.	1.0	3
139	SNP Formation Bias in the Murine Genome Provides Evidence for Parallel Evolution. Genome Biology and Evolution, 2015, 7, evv150.	2.5	3
140	Spontaneous inactivating p53 mutations and the â€œselfish cellâ€• Aging, 2011, 3, 181-181.	3.1	3
141	Chinese Hamster Ovary Cell Mutants Deficient in an Anion Exchanger Functionally Similar to Erythroid Band 3. Annals of the New York Academy of Sciences, 1989, 574, 109-112.	3.8	2
142	Purification of Recombinant Protein Derived from the Baculovirus Expression System Using Glutathione Affinity Agarose. , 1995, 39, 337-348.		2
143	[51] Recombinant synthesis of cystic fibrosis transmembrane conductance regulator and functional nucleotide-binding domains. Methods in Enzymology, 1998, 292, 686-697.	1.0	2
144	Activation of Chloride Secretion in Cystic Fibrosis Cells and Tissues by the Substituted Imidazole SRI 2931â€. Biochemistry, 2003, 42, 13241-13249.	2.5	2

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145	Evolutionary maintenance of oncogenesis. Journal of Cancer Research and Clinical Oncology, 2009, 135, 159-162.	2.5	2
146	Development and Maintenance of a Biospecimen Repository for Clinical Samples Derived from Pulmonary Patients. Clinical and Translational Science, 2014, 7, 336-341.	3.1	2
147	Association of cystic fibrosis transmembrane conductance regulator with epithelial sodium channel subunits carrying Liddleâ€™s syndrome mutations. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2021, 321, L308-L320.	2.9	2
148	PRE-CLINICAL AND CLINICAL VALIDATION OF AN ANTI-CANCER MODALITY THAT ABLATES REFRACTORY, LOW GROWTH FRACTION TUMORS. Transactions of the American Clinical and Climatological Association, 2016, 127, 59-70.	0.5	2
149	Components of Human Papillomavirus That Activate Transcription and Support Plasmid Replication in Human Airway Cells. American Journal of Respiratory Cell and Molecular Biology, 1999, 20, 1001-1006.	2.9	1
150	Massive microRNA sequence conservation and prevalence in human and chimpanzee introns. Frontiers in Bioscience - Elite, 2013, E5, 814-822.	1.8	1
151	Targeted Gene Insertion for Functional CFTR Restoration in Airway Epithelium. Frontiers in Genome Editing, 2022, 4, 847645.	5.2	1
152	Mutation profiling of the c.1521_1523delCTT (p.Phe508del, F508del) cystic fibrosis transmembrane conductance regulator allele using haplotypeâ€resolved longâ€read next generation sequencing. Human Mutation, 2022, 43, 595-603.	2.5	1
153	Design of Gene Therapy Clinical Trials in CF Patients. , 2002, 70, 575-584.		0
154	Membrane transplantation to correct integral membrane protein defects. Journal of Molecular Medicine, 2003, 81, 511-520.	3.9	0
155	Is oncogenesis a normal cellular defense mechanism?. Cancer Chemotherapy and Pharmacology, 2008, 62, 1113-1113.	2.3	0