

William B Guggino

List of Publications by Year in descending order

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54
papers

4,080
citations

172457

29
h-index

182427

51
g-index

56
all docs

56
docs citations

56
times ranked

3571
citing authors

#	ARTICLE	IF	CITATIONS
1	The Mitochondrial Ca ²⁺ import complex is altered in ADPKD. <i>Cell Calcium</i> , 2022, 101, 102501.	2.4	3
2	Short-Term Steroid Treatment of Rhesus Macaque Increases Transduction. <i>Human Gene Therapy</i> , 2022, 33, 131-147.	2.7	3
3	Megalyn-mediated albumin endocytosis in renal proximal tubules is involved in the antiproteinuric effect of angiotensin II type 1 receptor blocker in a subclinical acute kidney injury animal model. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2021, 1865, 129950.	2.4	9
4	A new role for heat shock factor 27 in the pathophysiology of <i>Clostridium difficile</i> toxin B. <i>American Journal of Physiology - Renal Physiology</i> , 2020, 318, G120-G129.	3.4	4
5	Transduction of Surface and Basal Cells in Rhesus Macaque Lung Following Repeat Dosing with AAV1CFTR. <i>Human Gene Therapy</i> , 2020, 31, 1010-1023.	2.7	7
6	Gene Therapy for Cystic Fibrosis Paved the Way for the Use of Adeno-Associated Virus in Gene Therapy. <i>Human Gene Therapy</i> , 2020, 31, 538-541.	2.7	11
7	Role of calcium in adult onset polycystic kidney disease. <i>Cellular Signalling</i> , 2019, 53, 140-150.	3.6	11
8	Restoration of F508-del Function by Transcomplementation: The Partners Meet in the Endoplasmic Reticulum. <i>Cellular Physiology and Biochemistry</i> , 2019, 52, 1267-1279.	1.6	2
9	The CFTR-Associated Ligand Arrests the Trafficking of the Mutant F ⁵⁰⁸ CFTR Channel in the ER Contributing to Cystic Fibrosis. <i>Cellular Physiology and Biochemistry</i> , 2018, 45, 639-655.	1.6	9
10	Rescue of CFTR NBD2 mutants N1303K and S1235R is influenced by the functioning of the autophagosome. <i>Journal of Cystic Fibrosis</i> , 2018, 17, 582-594.	0.7	13
11	Wireless control of cellular function by activation of a novel protein responsive to electromagnetic fields. <i>Scientific Reports</i> , 2018, 8, 8764.	3.3	30
12	Histone deacetylase 6 inhibition reduces cysts by decreasing cAMP and Ca ²⁺ in knock-out mouse models of polycystic kidney disease. <i>Journal of Biological Chemistry</i> , 2017, 292, 17897-17908.	3.4	26
13	A Preclinical Study in Rhesus Macaques for Cystic Fibrosis to Assess Gene Transfer and Transduction by AAV1 and AAV5 with a Dual-Luciferase Reporter System. <i>Human Gene Therapy Clinical Development</i> , 2017, 28, 145-156.	3.1	16
14	Adeno-Associated Virus (AAV) gene therapy for cystic fibrosis: current barriers and recent developments. <i>Expert Opinion on Biological Therapy</i> , 2017, 17, 1265-1273.	3.1	40
15	Correctors Rescue CFTR Mutations in Nucleotide-Binding Domain 1 (NBD1) by Modulating Proteostasis. <i>ChemBioChem</i> , 2016, 17, 493-505.	2.6	26
16	Inhibition of histone deacetylase 6 activity reduces cyst growth in polycystic kidney disease. <i>Kidney International</i> , 2016, 90, 90-99.	5.2	58
17	From CFTR biology toward combinatorial pharmacotherapy: expanded classification of cystic fibrosis mutations. <i>Molecular Biology of the Cell</i> , 2016, 27, 424-433.	2.1	446
18	Rescue of NBD2 Mutants N1303K and S1235R of CFTR by Small-Molecule Correctors and Transcomplementation. <i>PLoS ONE</i> , 2015, 10, e0119796.	2.5	40

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37	Structure of nucleotide-binding domain 1 of the cystic fibrosis transmembrane conductance regulator. <i>EMBO Journal</i> , 2004, 23, 282-293.	7.8	376
38	Functional Characterization of a Recombinant Adeno- Associated Virus 5-Pseudotyped Cystic Fibrosis Transmembrane Conductance Regulator Vector. <i>Human Gene Therapy</i> , 2004, 15, 832-841.	2.7	57
39	Arginine vasopressin regulates CFTR and ClC-2 mRNA expression in rat kidney cortex and medulla. <i>Pflugers Archiv European Journal of Physiology</i> , 2001, 443, 202-211.	2.8	17
40	Cystic Fibrosis Transmembrane Conductance Regulator And The Outwardly Rectifying Chloride Channel: A Relationship Between Two Chloride Channels Expressed In Epithelial Cells. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2000, 27, 892-895.	1.9	32
41	cAMP Regulates Cell Proliferation and Cyst Formation in Autosomal Polycystic Kidney Disease Cells. <i>Journal of the American Society of Nephrology: JASN</i> , 2000, 11, 1179-1187.	6.1	233
42	CFTR Is a Conductance Regulator as well as a Chloride Channel. <i>Physiological Reviews</i> , 1999, 79, S145-S166.	28.8	394
43	Delayed Expression of Adeno-Associated Virus Vector DNA. <i>Intervirology</i> , 1999, 42, 213-220.	2.8	33
44	Safety and Biological Efficacy of an Adeno-Associated Virus Vector-Cystic Fibrosis Transmembrane Regulator (AAV-CFTR) in the Cystic Fibrosis Maxillary Sinus. <i>Laryngoscope</i> , 1999, 109, 266-274.	2.0	193
45	Peptide binding consensus of the NHE-RF-PDZ1 domain matches the C-terminal sequence of cystic fibrosis transmembrane conductance regulator (CFTR). <i>FEBS Letters</i> , 1998, 427, 103-108.	2.8	252
46	Sequences in the Amino Termini of GABA _A and GABA _B Subunits Specify Their Selective Interaction In Vitro. <i>Journal of Neurochemistry</i> , 1998, 70, 40-46.	3.9	39
47	Cloning and characterization of maxi K ⁺ channel β -subunit in rabbit kidney. <i>American Journal of Physiology - Renal Physiology</i> , 1997, 273, F615-F624.	2.7	32
48	CFTR: domains, structure, and function. <i>Journal of Bioenergetics and Biomembranes</i> , 1997, 29, 443-451.	2.3	41
49	Identification and regulation of whole-cell Cl ⁻ and Ca ²⁺ -activated K ⁺ currents in cultured medullary thick ascending limb cells. <i>Journal of Membrane Biology</i> , 1993, 135, 181-9.	2.1	7
50	Alterations in a voltage-gated K ⁺ current during the differentiation of ML-1 human myeloblastic leukemia cells. <i>Journal of Membrane Biology</i> , 1993, 132, 267-74.	2.1	31
51	Defective regulation of outwardly rectifying Cl ⁻ channels by protein kinase A corrected by insertion of CFTR. <i>Nature</i> , 1992, 358, 581-584.	27.8	433
52	Response : Chloride Channels in Cystic Fibrosis Patients. <i>Science</i> , 1990, 247, 222-222.	12.6	0
53	Ca ²⁺ -activated K ⁺ channels from cultured renal medullary thick ascending limb cells: Effects of pH. <i>Journal of Membrane Biology</i> , 1989, 110, 49-55.	2.1	26
54	Gene transfer by lipofection in rabbit and human secretory epithelial cells. <i>Pflugers Archiv European Journal of Physiology</i> , 1989, 415, 198-203.	2.8	31