Tanja Gonska

List of Publications by Year
in descending order

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75 papers	3,021 citations	147801 31 h-index	168389 53 g-index
75 all docs	75 docs citations	75 times ranked	2705 citing authors

#	Article	IF	Citations
1	Type of CFTR Mutation Determines Risk of Pancreatitis in Patients With Cystic Fibrosis. Gastroenterology, 2011, 140, 153-161.	1.3	226
2	Risk Factors Associated With Pediatric Acute Recurrent and Chronic Pancreatitis. JAMA Pediatrics, 2016, 170, 562.	6.2	205
3	Pediatric Chronic Pancreatitis Is Associated with Genetic Risk Factors andÂSubstantial Disease Burden. Journal of Pediatrics, 2015, 166, 890-896.e1.	1.8	165
4	Management of Acute Pancreatitis in the Pediatric Population. Journal of Pediatric Gastroenterology and Nutrition, 2018, 66, 159-176.	1.8	162
5	CFTR Clâ^' channel function in native human colon correlates with the genotype and phenotype in cystic fibrosis. Gastroenterology, 2004, 127, 1085-1095.	1.3	130
6	Inconclusive Diagnosis of Cystic Fibrosis After Newborn Screening. Pediatrics, 2015, 135, e1377-e1385.	2.1	105
7	Impact of CFTR modulation with Ivacaftor on Gut Microbiota and Intestinal Inflammation. Scientific Reports, 2018, 8, 17834.	3.3	99
8	Cystic Fibrosis Transmembrane Conductance Regulator-Related Metabolic Syndrome and Cystic Fibrosis Screen Positive, Inconclusive Diagnosis. Journal of Pediatrics, 2017, 181, S45-S51.e1.	1.8	95
9	<scp>O</scp>rkambiÂ® and amplifier coâ€therapy improves function from a rare <scp>CFTR</scp> mutation in geneâ€edited cells and patient tissue. EMBO Molecular Medicine, 2017, 9, 1224-1243.	6.9	94
10	Rescue of multiple class II CFTR mutations by elexacaftor+tezacaftor+ivacaftor mediated in part by the dual activities of elexacaftor as both corrector and potentiator. European Respiratory Journal, 2021, 57, 2002774.	6.7	92
11	VX-809 and Related Corrector Compounds Exhibit Secondary Activity Stabilizing Active F508del-CFTR after Its Partial Rescue to the Cell Surface. Chemistry and Biology, 2014, 21, 666-678.	6.0	86
12	Cystic fibrosis gene modifierSLC26A9modulates airway response to CFTR-directed therapeutics. Human Molecular Genetics, 2016, 25, ddw290.	2.9	81
13	Bacterial overgrowth, dysbiosis, inflammation, and dysmotility in the Cystic Fibrosis intestine. Journal of Cystic Fibrosis, 2017, 16, S14-S23.	0.7	78
14	Autoimmune Pancreatitis in Children: Characteristic Features, Diagnosis, and Management. American Journal of Gastroenterology, 2017, 112, 1604-1611.	0.4	70
15	Early-Onset Acute Recurrent and Chronic Pancreatitis Is Associated with PRSS1 or CTRC Gene Mutations. Journal of Pediatrics, 2017, 186, 95-100.	1.8	68
16	Phenotypic profiling of CFTR modulators in patient-derived respiratory epithelia. Npj Genomic Medicine, 2017, 2, 12.	3.8	66
17	The Sweat Metabolome of Screen-Positive Cystic Fibrosis Infants: Revealing Mechanisms beyond Impaired Chloride Transport. ACS Central Science, 2017, 3, 904-913.	11.3	62
18	Functional rescue of c.3846G>A (W1282X) in patient-derived nasal cultures achieved by inhibition of nonsense mediated decay and protein modulators with complementary mechanisms of action. Journal of Cystic Fibrosis, 2020, 19, 717-727.	0.7	55

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19	Transducing Airway Basal Cells with a Helper-Dependent Adenoviral Vector for Lung Gene Therapy. Human Gene Therapy, 2018, 29, 643-652.	2.7	52
20	Chronic Pancreatitis. Journal of Pediatric Gastroenterology and Nutrition, 2019, 68, 566-573.	1.8	50
21	The CF Canada-Sick Kids Program in individual CF therapy: A resource for the advancement of personalized medicine in CF. Journal of Cystic Fibrosis, 2019, 18, 35-43.	0.7	50
22	Inhibition of corticotropin-releasing hormone receptor 1 and activation of receptor 2 protect against colonic injury and promote epithelium repair. Scientific Reports, 2017, 7, 46616.	3.3	44
23	ORKAMBI-Mediated Rescue of Mucociliary Clearance in Cystic Fibrosis Primary Respiratory Cultures Is Enhanced by Arginine Uptake, Arginase Inhibition, and Promotion of Nitric Oxide Signaling to the Cystic Fibrosis Transmembrane Conductance Regulator Channel. Molecular Pharmacology, 2019, 96, 515-525.	2.3	43
24	Risk Factors for Rapid Progression From Acute Recurrent to Chronic Pancreatitis in Children. Journal of Pediatric Gastroenterology and Nutrition, 2019, 69, 206-211.	1.8	39
25	Prevalence of meconium ileus marks the severity of mutations of the Cystic Fibrosis Transmembrane Conductance Regulator (CFTR) gene. Genetics in Medicine, 2016, 18, 333-340.	2.4	37
26	INternational Study Group of Pediatric Pancreatitis: In Search for a CuRE Cohort Study. Pancreas, 2018, 47, 1222-1228.	1.1	36
27	Recommendations for Diagnosis and Management of Autoimmune Pancreatitis in Childhood. Journal of Pediatric Gastroenterology and Nutrition, 2018, 67, 232-236.	1.8	35
28	Pancreas Divisum in Pediatric Acute Recurrent and Chronic Pancreatitis. Journal of Clinical Gastroenterology, 2019, 53, e232-e238.	2.2	35
29	Nasal potential difference measurements in diagnosis of cystic fibrosis: An international survey. Journal of Cystic Fibrosis, 2014, 13, 24-28.	0.7	34
30	CFTR functional measurements in human models for diagnosis, prognosis and personalized therapy. Journal of Cystic Fibrosis, 2014, 13, 363-372.	0.7	34
31	Psychosocial Response to Uncertain Newborn Screening Results for Cystic Fibrosis. Journal of Pediatrics, 2017, 184, 165-171.e1.	1.8	34
32	Genetic, cell biological, and clinical interrogation of theCFTR mutation c.3700 A>G (p.Ile1234Val) informs strategies for future medical intervention. Genetics in Medicine, 2014, 16, 625-632.	2.4	33
33	Emerging preclinical modulators developed for F508del-CFTR have the potential to be effective for ORKAMBI resistant processing mutants. Journal of Cystic Fibrosis, 2021, 20, 106-119.	0.7	33
34	Effect of ivacaftor therapy on exhaled nitric oxide in patients with cystic fibrosis. Journal of Cystic Fibrosis, 2015, 14, 727-732.	0.7	32
35	Endoplasmic reticulum stress is involved in the colonic epithelium damage induced by maternal separation. Journal of Pediatric Surgery, 2016, 51, 1001-1004.	1.6	25
36	The CFTR Mutation c.3453G > C (D1152H) Confers an Anion Selectivity Defect in Primary Airway Tissue that Can be Rescued by Ivacaftor. Journal of Personalized Medicine, 2020, 10, 40.	2.5	25

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37	A helper-dependent adenoviral vector rescues CFTR to wild-type functional levels in cystic fibrosis epithelial cells harbouring class I mutations. European Respiratory Journal, 2020, 56, 2000205.	6.7	25
38	Role of Cystic Fibrosis Transmembrane Conductance Regulator in Patients With Chronic Sinopulmonary Disease. Chest, 2012, 142, 996-1004.	0.8	23
39	Preclinical Studies of a Rare CF-Causing Mutation in the Second Nucleotide Binding Domain (c.3700A>G) Show Robust Functional Rescue in Primary Nasal Cultures by Novel CFTR Modulators. Journal of Personalized Medicine, 2020, 10, 209.	2.5	23
40	CFTR modulators increase risk of acute pancreatitis in pancreatic insufficient patients with cystic fibrosis. Journal of Cystic Fibrosis, 2022, 21, 600-602.	0.7	22
41	Testing gene therapy vectors in human primary nasal epithelial cultures. Molecular Therapy - Methods and Clinical Development, 2015, 2, 15034.	4.1	21
42	Newborn screening for cystic fibrosis. Expert Review of Respiratory Medicine, 2015, 9, 619-631.	2.5	20
43	Immunoreactive trypsinogen levels in newborn screened infants with an inconclusive diagnosis of cystic fibrosis. BMC Pediatrics, 2019, 19, 369.	1.7	20
44	Diabetes Mellitus in Children with Acute Recurrent and Chronic Pancreatitis. Journal of Pediatric Gastroenterology and Nutrition, 2019, 69, 599-606.	1.8	20
45	Impact of Obesity on Pediatric Acute Recurrent and Chronic Pancreatitis. Pancreas, 2018, 47, 967-973.	1.1	19
46	A case of pancreatitis, panniculitis and polyarthritis syndrome: Elucidating the pathophysiologic mechanisms of a rare condition. Journal of Pediatric Surgery Case Reports, 2015, 3, 223-226.	0.2	18
47	Factors Associated With Frequent Opioid Use in Children With Acute Recurrent and Chronic Pancreatitis. Journal of Pediatric Gastroenterology and Nutrition, 2020, 70, 106-114.	1.8	18
48	Web-based cognitive-behavioral intervention for pain in pediatric acute recurrent and chronic pancreatitis: Protocol of a multicenter randomized controlled trial from the study of chronic pancreatitis, diabetes and pancreatic cancer (CPDPC). Contemporary Clinical Trials, 2020, 88, 105898.	1.8	18
49	Intestinal epithelial tight junctions and permeability can be rescued through the regulation of endoplasmic reticulum stress by amniotic fluid stem cells during necrotizing enterocolitis. FASEB Journal, 2021, 35, e21265.	0.5	15
50	Clinical and Practice Variations in Pediatric Acute Recurrent or Chronic Pancreatitis. Journal of Pediatric Gastroenterology and Nutrition, 2020, 71, 112-118.	1.8	14
51	Lung clearance index response in patients with CF with class III CFTR mutations. Thorax, 2016, 71, 476-477.	5.6	13
52	Phenotypic spectrum of patients with cystic fibrosis and cystic fibrosis-related disease carrying p.Arg117His. Journal of Cystic Fibrosis, 2019, 18, 265-270.	0.7	13
53	CFTR interactome mapping using the mammalian membrane twoâ€hybrid highâ€throughput screening system. Molecular Systems Biology, 2022, 18, e10629.	7.2	13
54	Augmentation of Cystic Fibrosis Transmembrane Conductance Regulator Function in Human Bronchial Epithelial Cells via SLC6A14-Dependent Amino Acid Uptake. Implications for Treatment of Cystic Fibrosis. American Journal of Respiratory Cell and Molecular Biology, 2019, 61, 755-764.	2.9	12

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55	Nasal potential difference: Best or average result for CFTR function as diagnostic criteria for cystic fibrosis?. Journal of Cystic Fibrosis, 2015, 14, 310-316.	0.7	9
56	Genetic predisposition in pancreatitis. Current Opinion in Pediatrics, 2018, 30, 660-664.	2.0	8
57	Pediatric chronic pancreatitis without prior acute or acute recurrent pancreatitis: A report from the INSPPIRE consortium. Pancreatology, 2020, 20, 781-784.	1.1	8
58	Long-term effect of CFTR modulator therapy on airway nitric oxide. European Respiratory Journal, 2020, 55, 1901113.	6.7	7
59	Genetic evidence supports the development of SLC26A9 targeting therapies for the treatment of lung disease. Npj Genomic Medicine, 2022, 7, 28.	3.8	7
60	Pancreatic Head Mass Leading to Transient Obstructive Jaundice and Diabetes Mellitus in an Adolescent. Gastroenterology, 2015, 149, e9-e10.	1.3	6
61	Complications of chronic pancreatitis in children. Current Opinion in Gastroenterology, 2021, 37, 498-503.	2.3	6
62	Vascular Complications in Pediatric Pancreatitis: A Case Series. Journal of Pediatric Gastroenterology and Nutrition, 2021, 73, e94-e97.	1.8	5
63	An Infant With Vomiting, Diarrhea, and Failure to Thrive. Gastroenterology, 2014, 146, 912-1138.	1.3	4
64	The Gut Is a Key Player in Cystic Fibrosis Malnutrition. Journal of Pediatric Gastroenterology and Nutrition, 2016, 62, 518-519.	1.8	3
65	Hydrogen peroxide promotes gastric motility in the newborn rat. Pediatric Research, 2018, 84, 751-756.	2.3	3
66	Using registries for research in CF. How can we be sure about the outputs?. Journal of Cystic Fibrosis, 2019, 18, 309-310.	0.7	3
67	Clinical Characteristics and Longâ€term Outcomes of Children With Fibrosing Pancreatitis. Journal of Pediatric Gastroenterology and Nutrition, 2020, 70, 801-807.	1.8	3
68	Expression of cystic fibrosis lung disease modifier genes in human airway models. Journal of Cystic Fibrosis, 2022, 21, 616-622.	0.7	3
69	Rapid chloride and bicarbonate determination by capillary electrophoresis for confirmatory testing of cystic fibrosis infants with volume-limited sweat specimens. Journal of Cystic Fibrosis, 2023, 22, 66-72.	0.7	3
70	DIGEST: Developing innovative gastroenterology specialty training. Journal of Cystic Fibrosis, 2020, 20, 586-590.	0.7	2
71	Aquagenic wrinkling of the palms in cystic fibrosis patients treated with ivacaftor. Journal of Cystic Fibrosis, 2022, 21, e102-e105.	0.7	2
72	Early In Vivo Testing to Assess New Therapeutic Interventions in CF Patients. Current Pharmaceutical Design, 2012, 18, 663-673.	1.9	1

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73	50 Years Ago in The Journal of Pediatrics. Journal of Pediatrics, 2013, 162, 1187.	1.8	1
74	Author's Response: Re: Stratifying Cystic Fibrosis Risk for Newborn Screen Infants With Equivocal Sweat Chloride Levels. Pediatrics, 2015, 136, e1490-e1491.	2.1	0
75	An Infant with Acute Onset of Nonbilious Emesis. Gastroenterology, 2021, 160, e9-e10.	1.3	0