

Philip M Farrell

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

101
papers

6,236
citations

38
h-index

78
g-index

111
ext. papers

7,373
ext. citations

4.5
avg, IF

5.51
L-index

#	Paper	IF	Citations
101	Cystic fibrosis: a worldwide analysis of CFTR mutations--correlation with incidence data and application to screening. <i>Human Mutation</i> , 2002 , 19, 575-606	4.7	765
100	Guidelines for diagnosis of cystic fibrosis in newborns through older adults: Cystic Fibrosis Foundation consensus report. <i>Journal of Pediatrics</i> , 2008 , 153, S4-S14	3.6	731
99	Diagnosis of Cystic Fibrosis: Consensus Guidelines from the Cystic Fibrosis Foundation. <i>Journal of Pediatrics</i> , 2017 , 181S, S4-S15.e1	3.6	368
98	Nutritional benefits of neonatal screening for cystic fibrosis. Wisconsin Cystic Fibrosis Neonatal Screening Study Group. <i>New England Journal of Medicine</i> , 1997 , 337, 963-9	59.2	307
97	The prevalence of cystic fibrosis in the European Union. <i>Journal of Cystic Fibrosis</i> , 2008 , 7, 450-3	4.1	260
96	The future of cystic fibrosis care: a global perspective. <i>Lancet Respiratory Medicine</i> , 2020 , 8, 65-124	35.1	259
95	Cystic Fibrosis Foundation evidence-based guidelines for management of infants with cystic fibrosis. <i>Journal of Pediatrics</i> , 2009 , 155, S73-93	3.6	257
94	The occurrence and effects of human vitamin E deficiency. A study in patients with cystic fibrosis. <i>Journal of Clinical Investigation</i> , 1977 , 60, 233-41	15.9	189
93	European best practice guidelines for cystic fibrosis neonatal screening. <i>Journal of Cystic Fibrosis</i> , 2009 , 8, 153-73	4.1	155
92	Fatty acid abnormalities in cystic fibrosis. <i>Pediatric Research</i> , 1985 , 19, 104-9	3.2	135
91	Cystic Fibrosis Foundation practice guidelines for the management of infants with cystic fibrosis transmembrane conductance regulator-related metabolic syndrome during the first two years of life and beyond. <i>Journal of Pediatrics</i> , 2009 , 155, S106-16	3.6	123
90	Reproducibility of a scoring system for computed tomography scanning in cystic fibrosis. <i>Journal of Thoracic Imaging</i> , 2006 , 21, 14-21	5.6	120
89	Cystic fibrosis newborn screening: impact on reproductive behavior and implications for genetic counseling. <i>Pediatrics</i> , 1998 , 102, 44-52	7.4	115
88	Genetic counseling and neonatal screening for cystic fibrosis: an assessment of the communication process. <i>Pediatrics</i> , 2001 , 107, 699-705	7.4	114
87	Evidence on improved outcomes with early diagnosis of cystic fibrosis through neonatal screening: enough is enough!. <i>Journal of Pediatrics</i> , 2005 , 147, S30-6	3.6	113
86	Bronchopulmonary disease in children with cystic fibrosis after early or delayed diagnosis. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2003 , 168, 1100-8	10.2	107
85	Guidelines for implementation of cystic fibrosis newborn screening programs: Cystic Fibrosis Foundation workshop report. <i>Pediatrics</i> , 2007 , 119, e495-518	7.4	99

84	The incidence of cystic fibrosis. <i>Statistics in Medicine</i> , 1996 , 15, 449-62	2.3	88
83	Nutritional status of patients with cystic fibrosis with meconium ileus: a comparison with patients without meconium ileus and diagnosed early through neonatal screening. <i>Pediatrics</i> , 2000 , 105, 53-61	7.4	86
82	Potential impact of newborn screening for cystic fibrosis on child survival: a systematic review and analysis. <i>Journal of Pediatrics</i> , 2006 , 149, 362-6	3.6	80
81	Comprehensive analysis of risk factors for acquisition of <i>Pseudomonas aeruginosa</i> in young children with cystic fibrosis. <i>Pediatric Pulmonology</i> , 1998 , 26, 81-8	3.5	79
80	Recovery of birth weight z score within 2 years of diagnosis is positively associated with pulmonary status at 6 years of age in children with cystic fibrosis. <i>Pediatrics</i> , 2009 , 123, 714-22	7.4	74
79	Longitudinal evaluation of bronchopulmonary disease in children with cystic fibrosis. <i>Pediatric Pulmonology</i> , 2003 , 36, 230-40	3.5	74
78	Comparison of growth status of patients with cystic fibrosis between the United States and Canada. <i>American Journal of Clinical Nutrition</i> , 1999 , 69, 531-8	7	67
77	Immunoreactive trypsinogen screening for cystic fibrosis: characterization of infants with a false-positive screening test. <i>Pediatric Pulmonology</i> , 1989 , 6, 42-8	3.5	61
76	Diagnosis of Cystic Fibrosis in Screened Populations. <i>Journal of Pediatrics</i> , 2017 , 181S, S33-S44.e2	3.6	60
75	Genetic counseling and risk communication services of newborn screening programs. <i>JAMA Pediatrics</i> , 2001 , 155, 120-6		55
74	Improving newborn screening for cystic fibrosis using next-generation sequencing technology: a technical feasibility study. <i>Genetics in Medicine</i> , 2016 , 18, 231-8	8.1	54
73	The meaning of "early" diagnosis in a new era of cystic fibrosis care. <i>Pediatrics</i> , 2007 , 119, 156-7	7.4	51
72	Correction of linoleic acid deficiency in cystic fibrosis. <i>Pediatric Research</i> , 1986 , 20, 36-41	3.2	50
71	Delayed diagnosis of US females with cystic fibrosis. <i>American Journal of Epidemiology</i> , 2002 , 156, 165-73.8		49
70	Severe hemolytic anemia associated with vitamin E deficiency in infants with cystic fibrosis. Implications for neonatal screening. <i>Clinical Pediatrics</i> , 1994 , 33, 2-7	1.2	48
69	Risk factors for the progression of cystic fibrosis lung disease throughout childhood. <i>Annals of the American Thoracic Society</i> , 2014 , 11, 63-72	4.7	47
68	Association between mucoid <i>Pseudomonas</i> infection and bronchiectasis in children with cystic fibrosis. <i>Radiology</i> , 2009 , 252, 534-43	20.5	45
67	Applying Cystic Fibrosis Transmembrane Conductance Regulator Genetics and CFTR2 Data to Facilitate Diagnoses. <i>Journal of Pediatrics</i> , 2017 , 181S, S27-S32.e1	3.6	43

66	Analysis of the costs of diagnosing cystic fibrosis with a newborn screening program. <i>Journal of Pediatrics</i> , 2003 , 142, 617-23	3.6	42
65	Wisconsin cystic fibrosis chest radiograph scoring system: validation and standardization for application to longitudinal studies. <i>Pediatric Pulmonology</i> , 2000 , 29, 457-67	3.5	42
64	Clarification of laboratory and clinical variables that influence cystic fibrosis newborn screening with initial analysis of immunoreactive trypsinogen. <i>Pediatrics</i> , 2009 , 123, e338-46	7.4	41
63	Diagnosis of Cystic Fibrosis in Nonscreened Populations. <i>Journal of Pediatrics</i> , 2017 , 181S, S52-S57.e2	3.6	37
62	Longitudinal pulmonary status of cystic fibrosis children with meconium ileus. <i>Pediatric Pulmonology</i> , 2004 , 38, 277-84	3.5	36
61	Estimating the age of p.(Phe508del) with family studies of geographically distinct European populations and the early spread of cystic fibrosis. <i>European Journal of Human Genetics</i> , 2018 , 26, 1832-1839	5.3	35
60	A decision-tree approach to cost comparison of newborn screening strategies for cystic fibrosis. <i>Pediatrics</i> , 2012 , 129, e339-47	7.4	30
59	Optimal DNA tier for the IRT/DNA algorithm determined by CFTR mutation results over 14 years of newborn screening. <i>Journal of Cystic Fibrosis</i> , 2011 , 10, 278-81	4.1	30
58	Tocopherol isomers in intravenous lipid emulsions and resultant plasma concentrations. <i>Journal of Parenteral and Enteral Nutrition</i> , 1984 , 8, 269-73	4.2	29
57	A case report and literature review of "primary" pulmonary histiocytosis X of childhood. <i>Medical and Pediatric Oncology</i> , 1986 , 14, 57-62		25
56	Newborn Screening for Cystic Fibrosis Is Complicated by Age-Related Decline in Immunoreactive Trypsinogen Levels. <i>Pediatrics</i> , 1990 , 85, 1001-1007	7.4	25
55	Newborn Screening for CF across the Globe-?. <i>International Journal of Neonatal Screening</i> , 2020 , 6, 18	2.6	24
54	Early life growth patterns persist for 12 years and impact pulmonary outcomes in cystic fibrosis. <i>Journal of Cystic Fibrosis</i> , 2018 , 17, 528-535	4.1	23
53	Factors accounting for a missed diagnosis of cystic fibrosis after newborn screening. <i>Pediatric Pulmonology</i> , 2011 , 46, 1166-74	3.5	23
52	Cystic fibrosis mutations and genotype-pulmonary phenotype analysis. <i>Journal of Cystic Fibrosis</i> , 2006 , 5, 33-41	4.1	23
51	Cystic Fibrosis Diagnostic Challenges over 4 Decades: Historical Perspectives and Lessons Learned. <i>Journal of Pediatrics</i> , 2017 , 181S, S16-S26	3.6	21
50	Evaluation of vitamin E deficiency in children with lung disease. <i>Annals of the New York Academy of Sciences</i> , 1982 , 393, 96-108	6.5	21
49	Relationships among health-related quality of life, pulmonary health, and newborn screening for cystic fibrosis. <i>Chest</i> , 2011 , 140, 170-177	5.3	20

48	Changes in surfactant phospholipids in fetal rat lungs from normal and diabetic pregnancies. <i>Pediatric Research</i> , 1986 , 20, 650-4	3.2	20
47	Nutritional assessment of infants with cystic fibrosis diagnosed through screening. <i>Pediatric Pulmonology</i> , 1991 , 7, 56-63	3.5	18
46	Comparing age of cystic fibrosis diagnosis and treatment initiation after newborn screening with two common strategies. <i>Journal of Cystic Fibrosis</i> , 2012 , 11, 150-3	4.1	17
45	Associations between academic achievement and psychosocial variables in adolescents with cystic fibrosis. <i>Journal of School Health</i> , 2011 , 81, 713-20	2.1	16
44	Assessing the cost of cystic fibrosis diagnosis and treatment. <i>Journal of Pediatrics</i> , 2005 , 147, S101-5	3.6	16
43	Prenatal screening for cystic fibrosis: where are we now?. <i>Journal of Pediatrics</i> , 2002 , 141, 758-63	3.6	16
42	Phenotype of children with inconclusive cystic fibrosis diagnosis after newborn screening. <i>Pediatric Pulmonology</i> , 2020 , 55, 918-928	3.5	15
41	Long-term follow-up of cystic fibrosis newborn screening: psychosocial functioning of adolescents and young adults. <i>Journal of Cystic Fibrosis</i> , 2014 , 13, 227-34	4.1	13
40	Improving the quality of physician communication with rapid-throughput analysis and report cards. <i>Patient Education and Counseling</i> , 2014 , 97, 248-55	3.1	12
39	Cystic fibrosis newborn screening: shifting the key question from "should we screen?" to "how should we screen?". <i>Pediatrics</i> , 2004 , 113, 1811-2	7.4	12
38	Poor recovery from cystic fibrosis pulmonary exacerbations is associated with poor long-term outcomes. <i>Pediatric Pulmonology</i> , 2017 , 52, 1268-1275	3.5	11
37	Progressive malnutrition, severe anemia, hepatic dysfunction, and respiratory failure in a three-month-old white girl. <i>American Journal of Medical Genetics Part A</i> , 1993 , 45, 725-38		11
36	Acceleration of lung disease in children with cystic fibrosis after <i>Pseudomonas aeruginosa</i> acquisition 2001 , 32, 277		11
35	Changing incidence of cystic fibrosis in Wisconsin, USA. <i>Pediatric Pulmonology</i> , 2015 , 50, 1065-1072	3.5	10
34	Estimating the annual number of false negative cystic fibrosis newborn screening tests. <i>Pediatric Pulmonology</i> , 2012 , 47, 207-8	3.5	10
33	Laboratory quality control issues related to screening newborns for cystic fibrosis using immunoreactive trypsin. <i>Pediatric Pulmonology</i> , 1991 , 7, 76-83	3.5	9
32	Wisconsin's Lifecourse Initiative for Healthy Families: application of the maternal and child health life course perspective through a regional funding initiative. <i>Maternal and Child Health Journal</i> , 2014 , 18, 413-22	2.4	8
31	Is newborn screening for cystic fibrosis a basic human right?. <i>Journal of Cystic Fibrosis</i> , 2008 , 7, 262-5	4.1	8

30	Identification of molecular signatures of cystic fibrosis disease status with plasma-based functional genomics. <i>Physiological Genomics</i> , 2019 , 51, 27-41	3.6	8
29	The Impact of the CFTR Gene Discovery on Cystic Fibrosis Diagnosis, Counseling, and Preventive Therapy. <i>Genes</i> , 2020 , 11,	4.2	7
28	Experience with Parent Follow-Up for Communication Outcomes after Newborn Screening Identifies Carrier Status. <i>Journal of Pediatrics</i> , 2020 , 224, 37-43.e2	3.6	6
27	Innovative assessment of inpatient and pulmonary drug costs for children with cystic fibrosis. <i>Pediatric Pulmonology</i> , 2016 , 51, 1295-1303	3.5	6
26	Effects of immediate telephone follow-up with providers on sweat chloride test timing after cystic fibrosis newborn screening identifies a single mutation. <i>Journal of Pediatrics</i> , 2013 , 162, 522-9	3.6	5
25	Effect of choline deficiency on lung phospholipid concentrations in the rat. <i>Journal of Nutrition</i> , 1986 , 116, 936-43	4.1	5
24	Quantitative chest computerized tomography and FEV equally identify pulmonary exacerbation risk in children with cystic fibrosis. <i>Pediatric Pulmonology</i> , 2018 , 53, 1369-1377	3.5	5
23	Vulnerable Child Syndrome and Newborn Screening Carrier Results for Cystic Fibrosis or Sickle Cell. <i>Journal of Pediatrics</i> , 2020 , 224, 44-50.e1	3.6	4
22	Newborn screening alone insufficient to improve pulmonary outcomes for cystic fibrosis. <i>Journal of Cystic Fibrosis</i> , 2021 , 20, 492-498	4.1	4
21	Introduction to "Cystic Fibrosis Foundation Consensus Guidelines for Diagnosis of Cystic Fibrosis". <i>Journal of Pediatrics</i> , 2017 , 181S, S1-S3	3.6	3
20	Applying whole-genome sequencing in relation to phenotype and outcomes in siblings with cystic fibrosis. <i>Journal of Physical Education and Sports Management</i> , 2020 , 6,	2.8	3
19	Challenges in Cystic Fibrosis Newborn Screening and Recommendations for Primary Care Physicians. <i>Pediatrics</i> , 2015 , 136, 1181-4	7.4	3
18	The Evolution of the Medical School Deanship: From Patriarch to CEO to System Dean 2017 , 21, 16-069		3
17	Outcomes of infants born during the first 9 years of CF newborn screening in the United States: A retrospective Cystic Fibrosis Foundation Patient Registry cohort study. <i>Pediatric Pulmonology</i> , 2021 , 56, 3758-3767	3.5	3
16	Poor recovery from a pulmonary exacerbation does not lead to accelerated FEV decline. <i>Journal of Cystic Fibrosis</i> , 2017 ,	4.1	2
15	Challenging the dogma of the healthy heterozygote: Implications for newborn screening policies and practices. <i>Molecular Genetics and Metabolism</i> , 2021 , 134, 8-19	3.7	2
14	Early Diagnosis of Cystic Fibrosis: To Screen or Not To Screen An Important Question. <i>Pediatrics</i> , 1984 , 73, 115-117	7.4	1
13	THE INCIDENCE OF CYSTIC FIBROSIS 1996 , 15, 449		1

12	Access to Primary Care and Subspecialty Care After Positive Cystic Fibrosis Newborn Screening. <i>Wisconsin Medical Journal</i> , 2016 , 115, 295-9	0.5
11	Setting a new standard in cystic fibrosis newborn screening illustrates controversial issues as new data emerge. <i>European Journal of Human Genetics</i> , 2020 , 28, 1305-1306	5.3
10	Preparing for bioterrorism. <i>Wisconsin Medical Journal</i> , 2002 , 101, 35-6	0.5
9	Enhancing men's urologic health. <i>Wisconsin Medical Journal</i> , 2002 , 101, 46-7	0.5
8	New research, perspectives required to understand impact of gender on health. <i>Wisconsin Medical Journal</i> , 2003 , 102, 57-8	0.5
7	Using the power of genetics, genomics and molecular biology to fight cancer. <i>Wisconsin Medical Journal</i> , 2003 , 102, 51-2	0.5
6	A fruitful and gratifying collaboration. <i>Wisconsin Medical Journal</i> , 2003 , 102, 89-90	0.5
5	Welcoming incremental, measurable change. <i>Wisconsin Medical Journal</i> , 2004 , 103, 67-8	0.5
4	Using science to improve health care delivery and patient care. <i>Wisconsin Medical Journal</i> , 2004 , 103, 87-8	0.5
3	Excellent progress has been made but significant challenges remain. <i>Wisconsin Medical Journal</i> , 2004 , 103, 91-2	0.5
2	Celebrating the importance of medical history. <i>Wisconsin Medical Journal</i> , 2004 , 103, 76	0.5
1	Plan to address physician shortage requires proper support. <i>Wisconsin Medical Journal</i> , 2005 , 104, 73-4	0.5