

Franca Rusconi

List of Publications by Year in descending order

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110
papers

3,998
citations

109321

35
h-index

133252

59
g-index

117
all docs

117
docs citations

117
times ranked

5478
citing authors

#	ARTICLE	IF	CITATIONS
1	Road traffic and adverse respiratory effects in children. SIDRIA Collaborative Group. Occupational and Environmental Medicine, 1998, 55, 771-778.	2.8	209
2	Risk Factors for Early, Persistent, and Late-onset Wheezing in Young Children. American Journal of Respiratory and Critical Care Medicine, 1999, 160, 1617-1622.	5.6	190
3	Consumption of fresh fruit rich in vitamin C and wheezing symptoms in children. Thorax, 2000, 55, 283-288.	5.6	182
4	Changes in Prevalence of Asthma and Allergies Among Children and Adolescents in Italy: 1994â€“2002. Pediatrics, 2006, 117, 34-42.	2.1	167
5	Trends in Outcomes for Neonates Born Very Preterm and Very Low Birth Weight in 11 High-Income Countries. Journal of Pediatrics, 2019, 215, 32-40.e14.	1.8	142
6	Survival in Very Preterm Infants: An International Comparison of 10 National Neonatal Networks. Pediatrics, 2017, 140, .	2.1	140
7	Maternal Complications and Procedures in Pregnancy and at Birth and Wheezing Phenotypes in Children. American Journal of Respiratory and Critical Care Medicine, 2007, 175, 16-21.	5.6	139
8	Smoke exposure, wheezing, and asthma development: A systematic review and metaâ€“analysis in unselected birth cohorts. Pediatric Pulmonology, 2015, 50, 353-362.	2.0	116
9	Prenatal Particulate Air Pollution and DNA Methylation in Newborns: An Epigenome-Wide Meta-Analysis. Environmental Health Perspectives, 2019, 127, 57012.	6.0	111
10	Which population level environmental factors are associated with asthma, rhinoconjunctivitis and eczema? Review of the ecological analyses of ISAAC Phase One. Respiratory Research, 2010, 11, 8.	3.6	100
11	Influence of maternal obesity on the association between common pregnancy complications and risk of childhood obesity: an individual participant data meta-analysis. The Lancet Child and Adolescent Health, 2018, 2, 812-821.	5.6	93
12	Pregnancy disorders leading to very preterm birth influence neonatal outcomes: results of the population-based ACTION cohort study. Pediatric Research, 2013, 73, 794-801.	2.3	90
13	Scoping review shows wide variation in the definitions of bronchopulmonary dysplasia in preterm infants and calls for a consensus. Acta Paediatrica, International Journal of Paediatrics, 2017, 106, 366-374.	1.5	88
14	Mould/dampness exposure at home is associated with respiratory disorders in Italian children and adolescents: the SIDRIA-2 Study. Occupational and Environmental Medicine, 2005, 62, 616-622.	2.8	83
15	Occupational Exposure to Endocrine-Disrupting Chemicals and Birth Weight and Length of Gestation: A European Meta-Analysis. Environmental Health Perspectives, 2016, 124, 1785-1793.	6.0	78
16	Wheeze and Asthma in Children. Epidemiology, 2008, 19, 747-755.	2.7	76
17	Impact of Parental Smoking on Asthma and Wheezing. Epidemiology, 1999, 10, 692-698.	2.7	71
18	Nasal cell DNA methylation, inflammation, lung function and wheezing in children with asthma. Epigenomics, 2012, 4, 91-100.	2.1	66

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19	Interleukin 6 activity in infants and children with bacterial meningitis. <i>Pediatric Infectious Disease Journal</i> , 1991, 10, 117-121.	2.0	64
20	Differences in parental and self-report of asthma, rhinitis and eczema among Italian adolescents. <i>European Respiratory Journal</i> , 1999, 14, 597.	6.7	64
21	Exposure to ambient air pollution in the first 1000 days of life and alterations in the DNA methylome and telomere length in children: A systematic review. <i>Environmental Research</i> , 2021, 193, 110504.	7.5	64
22	Asthma Symptoms, Lung Function, and Markers of Oxidative Stress and Inflammation in Children Exposed to Oil Refinery Pollution. <i>Journal of Asthma</i> , 2011, 48, 84-90.	1.7	63
23	Maternal complications in pregnancy and wheezing in early childhood: a pooled analysis of 14 birth cohorts. <i>International Journal of Epidemiology</i> , 2015, 44, 199-208.	1.9	60
24	Association of Maternal Hypertension and Chorioamnionitis With Preterm Outcomes. <i>Pediatrics</i> , 2014, 134, e154-e161.	2.1	58
25	Changes in parental smoking during pregnancy and risks of adverse birth outcomes and childhood overweight in Europe and North America: An individual participant data meta-analysis of 229,000 singleton births. <i>PLoS Medicine</i> , 2020, 17, e1003182.	8.4	54
26	Symptoms of maternal depression immediately after delivery predict unsuccessful breast feeding: Figure 1. <i>Archives of Disease in Childhood</i> , 2012, 97, 355-357.	1.9	48
27	International variations and trends in the treatment for retinopathy of prematurity. <i>British Journal of Ophthalmology</i> , 2017, 101, 1399-1404.	3.9	46
28	Timeliness of routine immunization in a population-based Italian cohort of very preterm infants: Results of the ACTION follow-up project. <i>Vaccine</i> , 2014, 32, 793-799.	3.8	45
29	Tacrolimus vs. cyclosporine eyedrops in severe cyclosporine-resistant vernal keratoconjunctivitis: A randomized, comparative, double-blind, crossover study. <i>Pediatric Allergy and Immunology</i> , 2015, 26, 256-261.	2.6	44
30	Mode of Delivery and Asthma at School Age in 9 European Birth Cohorts. <i>American Journal of Epidemiology</i> , 2017, 185, 465-473.	3.4	44
31	Exploring Educational Disparities in Risk of Preterm Delivery: A Comparative Study of 12 European Birth Cohorts. <i>Paediatric and Perinatal Epidemiology</i> , 2015, 29, 172-183.	1.7	43
32	Prevalence of respiratory symptoms in migrant children to Italy: the results of SIDRIA-2 study. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2007, 62, 293-300.	5.7	42
33	Severe asthma features in children: a case-control online survey. <i>Italian Journal of Pediatrics</i> , 2016, 42, 9.	2.6	41
34	Pulmonary and sinus diseases in primary humoral immunodeficiencies with chronic productive cough. <i>Archives of Disease in Childhood</i> , 2003, 88, 1101-1105.	1.9	40
35	Paracetamol and antibiotics in childhood and subsequent development of wheezing/asthma: association or causation?. <i>International Journal of Epidemiology</i> , 2011, 40, 662-667.	1.9	40
36	Counterimmunoelectrophoresis and latex particle agglutination in the etiologic diagnosis of presumed bacterial pneumonia in pediatric patients. <i>Pediatric Infectious Disease Journal</i> , 1988, 7, 781-788.	2.0	34

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37	The first 1000 days of life: traffic-related air pollution and development of wheezing and asthma in childhood. A systematic review of birth cohort studies. <i>Environmental Health</i> , 2021, 20, 46.	4.0	34
38	Effects of pet exposure in the first year of life on respiratory and allergic symptoms in 7-yr-old children. The SIDRIA-2 study. <i>Pediatric Allergy and Immunology</i> , 2010, 21, 268-276.	2.6	33
39	Swimming pool attendance and exhaled nitric oxide in children. <i>Journal of Allergy and Clinical Immunology</i> , 2006, 118, 958-960.	2.9	32
40	Epidemiology of Kawasaki disease in Italy: surveillance from national hospitalization records. <i>European Journal of Pediatrics</i> , 2017, 176, 1061-1065.	2.7	32
41	Association of light-to-moderate alcohol drinking in pregnancy with preterm birth and birth weight: elucidating bias by pooling data from nine European cohorts. <i>European Journal of Epidemiology</i> , 2017, 32, 751-764.	5.7	31
42	Relationship between quality of life and behavioural disorders in children with persistent asthma: a Multiple Indicators Multiple Causes (MIMIC) model. <i>Scientific Reports</i> , 2020, 10, 6957.	3.3	31
43	Respiratory rate and body mass in the first three years of life. <i>Archives of Disease in Childhood</i> , 1997, 76, 151-154.	1.9	30
44	Neonatal Outcomes in Very Preterm Infants With Severe Congenital Heart Defects: An International Cohort Study. <i>Journal of the American Heart Association</i> , 2020, 9, e015369.	3.7	28
45	Malondialdehyde-deoxyguanosine and bulky DNA adducts in schoolchildren resident in the proximity of the Sarroch industrial estate on Sardinia Island, Italy. <i>Mutagenesis</i> , 2013, 28, 315-321.	2.6	27
46	Piccolipi ¹ , a multicenter birth cohort in Italy: protocol of the study. <i>BMC Pediatrics</i> , 2014, 14, 36.	1.7	26
47	The Severe Paediatric Asthma Collaborative in Europe (SPACE) ERS Clinical Research Collaboration: enhancing participation of children with asthma in therapeutic trials of new biologics and receptor blockers. <i>European Respiratory Journal</i> , 2018, 52, 1801665.	6.7	25
48	A multi-omic analysis of birthweight in newborn cord blood reveals new underlying mechanisms related to cholesterol metabolism. <i>Metabolism: Clinical and Experimental</i> , 2020, 110, 154292.	3.4	25
49	Respiratory inductive plethysmography in the evaluation of lower airway obstruction during methacholine challenge in infants. <i>Pediatric Pulmonology</i> , 1995, 20, 396-402.	2.0	24
50	Ototoxicity of aminoglycoside antibiotics in infants and children. <i>Pediatric Infectious Disease Journal</i> , 1982, 1, 357-365.	2.0	23
51	Characteristics of Early Transient, Persistent, and Late Onset Wheezers at 9 to 11 Years of Age. <i>Journal of Asthma</i> , 2006, 43, 633-638.	1.7	23
52	Prenatal Paracetamol Exposure and Wheezing in Childhood: Causation or Confounding?. <i>PLoS ONE</i> , 2015, 10, e0135775.	2.5	23
53	Influence of Intrauterine Maturation on the Pharmacokinetics of Amikacin in the Neonatal Period. <i>Pediatric Research</i> , 1982, 16, 810-815.	2.3	21
54	Kawasaki disease: an epidemiological study in central Italy. <i>Pediatric Rheumatology</i> , 2016, 14, 22.	2.1	21

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55	Environmental risk factors and lung diseases in children: From guidelines to health effects. <i>Early Human Development</i> , 2013, 89, S59-S62.	1.8	20
56	Maternal obesity and childhood wheezing and asthma. <i>Paediatric Respiratory Reviews</i> , 2017, 22, 66-71.	1.8	20
57	Total serum IgE and outcome in infants with recurrent wheezing. <i>Archives of Disease in Childhood</i> , 2001, 85, 23-25.	1.9	19
58	Infant weight trajectories and early childhood wheezing: the NINFEA birth cohort study. <i>Thorax</i> , 2016, 71, 1091-1096.	5.6	19
59	Differentially methylated DNA regions in early childhood wheezing: An epigenome-wide study using saliva. <i>Pediatric Allergy and Immunology</i> , 2019, 30, 305-314.	2.6	19
60	Internet-Based Birth-Cohort Studies: Is This the Future for Epidemiology?. <i>JMIR Research Protocols</i> , 2015, 4, e71.	1.0	19
61	Antenatal steroids and risk of bronchopulmonary dysplasia: a lack of effect or a case of over-adjustment?. <i>Paediatric and Perinatal Epidemiology</i> , 2007, 21, 347-353.	1.7	18
62	Prenatal exposure to antibiotics and wheezing in infancy: a birth cohort study. <i>European Respiratory Journal</i> , 2016, 47, 810-817.	6.7	17
63	Pregnancy Complications and Wheezing and Asthma in Childhood. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2018, 197, 580-588.	5.6	16
64	Lung function in a cohort of 5-year-old children born very preterm. <i>Pediatric Pulmonology</i> , 2018, 53, 1633-1639.	2.0	16
65	The International Network for Evaluating Outcomes (iNeo) of neonates: evolution, progress and opportunities. <i>Translational Pediatrics</i> , 2019, 8, 170-181.	1.2	16
66	A Panel Study on Lung Function and Bronchial Inflammation among Children Exposed to Ambient SO ₂ from an Oil Refinery. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 1057.	2.6	16
67	The role of maternal anorexia nervosa and bulimia nervosa before and during pregnancy in early childhood wheezing: Findings from the NINFEA birth cohort study. <i>International Journal of Eating Disorders</i> , 2018, 51, 842-851.	4.0	15
68	Variations in Neonatal Length of Stay of Babies Born Extremely Preterm: An International Comparison Between iNeo Networks. <i>Journal of Pediatrics</i> , 2021, 233, 26-32.e6.	1.8	14
69	Clinical pharmacology of ceftazidime in paediatrics. <i>Journal of Antimicrobial Chemotherapy</i> , 1983, 12, 341-346.	3.0	13
70	Delayed presentation of children to the emergency department during the first wave of COVID-19 pandemic in Italy: Area-based cohort study. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2021, 110, 2796-2801.	1.5	13
71	Inter-center variability in neonatal outcomes of preterm infants: A longitudinal evaluation of 298 neonatal units in 11 countries. <i>Seminars in Fetal and Neonatal Medicine</i> , 2021, 26, 101196.	2.3	12
72	Prenatal exposure to PM ₁₀ and changes in DNA methylation and telomere length in cord blood. <i>Environmental Research</i> , 2022, 209, 112717.	7.5	12

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73	Ceftazidime in the treatment of pediatric patients with severe urinary tract infections due to Pseudomonas spp. <i>Antimicrobial Agents and Chemotherapy</i> , 1984, 25, 395-397.	3.2	11
74	Severe Paediatric Asthma Collaborative in Europe (SPACE): protocol for a European registry. <i>Breathe</i> , 2018, 14, 93-98.	1.3	10
75	Perinatal maternal mental health is associated with both infections and wheezing in early childhood. <i>Pediatric Allergy and Immunology</i> , 2019, 30, 732-738.	2.6	10
76	Aztreonam in the treatment of severe urinary tract infections in pediatric patients. <i>Antimicrobial Agents and Chemotherapy</i> , 1986, 30, 310-314.	3.2	9
77	Neonatal outcomes of extremely preterm twins by sex pairing: an international cohort study. <i>Archives of Disease in Childhood: Fetal and Neonatal Edition</i> , 2021, 106, 17-24.	2.8	9
78	Changes in respiratory rate affect tidal expiratory flow indices in infants with airway obstruction. , 1996, 21, 236-240.		8
79	A two-year follow-up study of very preterm infants in Italy: aims and study design. <i>Paediatrics and Child Health (United Kingdom)</i> , 2009, 19, S145-S152.	0.4	8
80	Maternal antibiotic use and vaginal infections in the third trimester of pregnancy and the risk of obesity in preschool children. <i>Pediatric Obesity</i> , 2020, 15, e12632.	2.8	8
81	3TR: a pan-European cross-disease research consortium aimed at improving personalised biological treatment of asthma and COPD. <i>European Respiratory Journal</i> , 2021, 58, 2102168.	6.7	8
82	Efficacy of epinephrine with salbutamol in treatment of acute bronchiolitis. <i>Journal of Pediatrics</i> , 1996, 128, 441-442.	1.8	7
83	Re: "Antibiotic Exposure by 6 Months and Asthma and Allergy at 6 Years: Findings in a Cohort of 1,401 US Children". <i>American Journal of Epidemiology</i> , 2011, 173, 1343-1343.	3.4	7
84	Feeding Practices in Very Preterm and Very Low Birth Weight Infants in an Area Where a Network of Human Milk Banks Is in Place. <i>Frontiers in Pediatrics</i> , 2018, 6, 387.	1.9	7
85	Antimicrobial resistance among clinical isolates of Haemophilus influenzae in Northern Italy. <i>European Journal of Epidemiology</i> , 1993, 9, 64-69.	5.7	6
86	Five-minute Apgar score and outcomes in neonates of 24â€“28 weeksâ€™ gestation. <i>Archives of Disease in Childhood: Fetal and Neonatal Edition</i> , 2022, 107, 437-446.	2.8	6
87	Metabolomics to identify omalizumab responders among children with severe asthma: A prospective study. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2022, 77, 2852-2856.	5.7	6
88	Interaction of child disability and stressful life events in predicting maternal psychological health. Results of an area-based study of very preterm infants at two years corrected age. <i>Research in Developmental Disabilities</i> , 2013, 34, 3433-3441.	2.2	5
89	First analysis of the Severe Paediatric Asthma Collaborative in Europe registry. <i>ERJ Open Research</i> , 2020, 6, 00566-2020.	2.6	5
90	Expert meeting report: towards a joint European roadmap to address the unmet needs and priorities of paediatric asthma patients on biologic therapy. <i>ERJ Open Research</i> , 2021, 7, 00381-2021.	2.6	5

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91	Modifiable environmental factors predispose term infants to bronchiolitis but bronchiolitis itself predisposes to respiratory sequelae. <i>Pediatric Pulmonology</i> , 2022, 57, 640-647.	2.0	5
92	Early factors associated with risk of developmental coordination disorder in very preterm children: A prospective area-based cohort study in Italy. <i>Paediatric and Perinatal Epidemiology</i> , 2022, 36, 683-695.	1.7	5
93	Airway reactivity in parents of infants and young children with recurrent wheeze: a case-control study.. <i>Archives of Disease in Childhood</i> , 1995, 73, 423-426.	1.9	4
94	Occlusion maneuver to detect the relative contribution of the rib cage and abdomen to tidal volume using respiratory inductive plethysmography in infants. , 1996, 21, 132-137.		3
95	Birthweight DNA methylation signatures in infant saliva. <i>Clinical Epigenetics</i> , 2021, 13, 57.	4.1	3
96	The womb environment shapes respiratory health in offspring: a fascinating hypothesis. <i>European Respiratory Journal</i> , 2016, 48, 1541-1544.	6.7	2
97	Maternal pesticides exposure in pregnancy and the risk of wheezing in infancy: A prospective cohort study. <i>Environment International</i> , 2022, 163, 107229.	10.0	2
98	Cefotaxime in the Treatment of Severe Bacterial Pneumonia in Paediatric Patients. <i>Drugs</i> , 1988, 35, 203-204.	10.9	1
99	Determination of saliva epigenetic age in infancy, and its association with parental socio-economic characteristics and pregnancy outcomes. <i>Journal of Developmental Origins of Health and Disease</i> , 2021, 12, 319-327.	1.4	1
100	Epidemiology and phenotypes of bronchial asthma and wheezing disorders. , 2013, , 293-297.		1
101	INDOOR EXPOSURE TO MOULDS AND RESPIRATORY DISORDERS AMONG ITALIAN CHILDREN (SIDRIA-2° PHASE) Tj1ETQq1 0.7843	2.7	0
102	Complications at Birth and Subsequent Wheeze: Risk of Attrition Bias. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2007, 175, 859a-859a.	5.6	0
103	Erratum to "A two-year follow-up study of very preterm infants in Italy: aims and study design" [Paediatrics and Child Health 2009; 19: S145-S152]. <i>Paediatrics and Child Health (United Kingdom)</i> , 2010, 20, 193.	0.4	0
104	Lung Function At Age 5 In An Area-Based Cohort Of Children Born Very Preterm. , 2011, , .		0
105	Authors's Response to Letter on the study of Rusconi et al.. <i>International Journal of Epidemiology</i> , 2011, 40, 1428-1428.	1.9	0
106	Paediatrics: messages from Munich. <i>ERJ Open Research</i> , 2015, 1, 00016-2015.	2.6	0
107	Key paediatric messages from Amsterdam. <i>ERJ Open Research</i> , 2016, 2, 00020-2016.	2.6	0
108	A Panel Study on Epigenetics, Markers of Oxidative Stress, and Lung Function Among Children with Respiratory Disease Exposed to Industrial Air Pollution. <i>Epidemiology</i> , 2009, 20, S60-S61.	2.7	0

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109	Infant weight trajectories and early childhood wheezing: The NINFEA birth cohort study. , 2015, , .		0
110	Lung function at school age in infants with lower respiratory tract infections with and without wheezing: A birth cohort study. Pediatric Pulmonology, 2022, , .	2.0	0