Giuliana Ferrante

List of Publications by Year
in descending order

94 papers	1,340 citations	471061 17 h-index	414034 32 g-index
94 all docs	94 docs citations	94 times ranked	1901 citing authors

#	Article	IF	Citations
1	The Dietary Inflammatory Index and asthma burden in children: A latent class analysis. Pediatric Allergy and Immunology, 2022, 33, .	1.1	10
2	Association between Asthma Control and Exposure to Greenness and Other Outdoor and Indoor Environmental Factors: A Longitudinal Study on a Cohort of Asthmatic Children. International Journal of Environmental Research and Public Health, 2022, 19, 512.	1.2	11
3	Machine learning: A modern approach to pediatric asthma. Pediatric Allergy and Immunology, 2022, 33, 34-37.	1.1	4
4	Integrating self-efficacy in the cyclical process of paediatric asthma management: a new perspective. Psychology, Health and Medicine, 2022, , 1-9.	1.3	1
5	Endotyping allergic rhinitis in children: A machine learning approach. Pediatric Allergy and Immunology, 2022, 33, 18-21.	1.1	6
6	Climate advocacy among Italian pediatric pulmonologists: A national survey on the effects of climate change on respiratory allergies. Pediatric Pulmonology, 2022, 57, 862-870.	1.0	8
7	Antioxidants: Role the in prevention and treatment of bronchopulmonary dysplasia. Paediatric Respiratory Reviews, 2022, 42, 53-58.	1.2	2
8	Effects of Polycyclic Aromatic Hydrocarbons on Lung Function in Children with Asthma: A Mediation Analysis. International Journal of Environmental Research and Public Health, 2022, 19, 1826.	1.2	10
9	Asthma-Related Knowledge and Practices among Mothers of Asthmatic Children: A Latent Class Analysis. International Journal of Environmental Research and Public Health, 2022, 19, 2539.	1.2	5
10	Twenty-year follow-up of children with obstructive sleep apnea. Journal of Clinical Sleep Medicine, 2022, 18, 1573-1581.	1.4	13
11	Cluster analysis of clinical data reveals three pediatric eosinophilic gastrointestinal disorder phenotypes. Pediatric Allergy and Immunology, 2022, 33, e13746.	1.1	4
12	The Effect of Outdoor Aeroallergens on Asthma Hospitalizations in Children in North-Western Tuscany, Italy. International Journal of Environmental Research and Public Health, 2022, 19, 3586.	1.2	5
13	Pharmacogenomics: A Step forward Precision Medicine in Childhood Asthma. Genes, 2022, 13, 599.	1.0	3
14	Association between greenspace and lung function in Italian children-adolescents. International Journal of Hygiene and Environmental Health, 2022, 242, 113947.	2.1	5
15	Challenges in uncontrolled asthma in pediatrics: important considerations for the clinician. Expert Review of Clinical Immunology, 2022, 18, 807-821.	1.3	9
16	Asthma Comorbidities: Frequency, Risk Factors, and Associated Burden in Children and Adolescents. Children, 2022, 9, 1001.	0.6	3
17	Social robots and therapeutic adherence: A new challenge in pediatric asthma?. Paediatric Respiratory Reviews, 2021, 40, 46-51.	1.2	10
18	A model-based approach for assessing bronchodilator responsiveness in children: The conventional cutoff revisited. Journal of Allergy and Clinical Immunology, 2021, 147, 769-772.e10.	1.5	4

#	Article	IF	Citations
19	Digital health interventions in children with asthma. Clinical and Experimental Allergy, 2021, 51, 212-220.	1.4	32
20	Artificial intelligence in the diagnosis of pediatric allergic diseases. Pediatric Allergy and Immunology, 2021, 32, 405-413.	1.1	17
21	Validity and repeatability of the Pediatric Allergy Questionnaire for Athletes (AQUAped) for the screening of atopy. Pediatric Allergy and Immunology, 2021, 32, 437-444.	1.1	1
22	Foetal exposure to heavy metals and risk of atopic diseases in early childhood. Pediatric Allergy and Immunology, 2021, 32, 242-250.	1.1	27
23	Resolvin D1 and miRâ€146a are independent distinctive parameters in children with moderate and severe asthma. Clinical and Experimental Allergy, 2021, 51, 350-353.	1.4	4
24	Prevention and cessation of smoking. , 2021, , 815-819.		0
25	Short-Term Effects of Air Pollution on Cardiovascular Hospitalizations in the Pisan Longitudinal Study. International Journal of Environmental Research and Public Health, 2021, 18, 1164.	1.2	7
26	Biomarkers of Oxidative Stress for Neonatal Lung Disease. Frontiers in Pediatrics, 2021, 9, 618867.	0.9	16
27	Shotgun Proteomics of Isolated Urinary Extracellular Vesicles for Investigating Respiratory Impedance in Healthy Preschoolers. Molecules, 2021, 26, 1258.	1.7	2
28	An Overview of Asthma and COVID-19: Protective Factors Against SARS-COV-2 in Pediatric Patients. Frontiers in Pediatrics, 2021, 9, 661206.	0.9	20
29	A Methodological Framework to Discover Pharmacogenomic Interactions Based on Random Forests. Genes, 2021, 12, 933.	1.0	1
30	Effects of E-Cigarette Exposure on Prenatal Life and Childhood Respiratory Health: A Review of Current Evidence. Frontiers in Pediatrics, 2021, 9, 711573.	0.9	9
31	Rhinomanometry: point of care test (POCT) for allergic rhinitis in children?. Allergologia Et Immunopathologia, 2021, 49, 28-31.	1.0	2
32	Machine Learning: An Overview and Applications in Pharmacogenetics. Genes, 2021, 12, 1511.	1.0	13
33	COVID-19 Pandemic and Reduced Physical Activity: Is There an Impact on Healthy and Asthmatic Children?. Frontiers in Pediatrics, 2021, 9, 695703.	0.9	13
34	Personal and Environmental Risk Factors at Birth and Hospital Admission: Direct and Vitamin D-Mediated Effects on Bronchiolitis Hospitalization in Italian Children. International Journal of Environmental Research and Public Health, 2021, 18, 747.	1.2	5
35	New Technologies for Promoting Physical Activity in Healthy Children and in Children with Chronic Respiratory Diseases: A Narrative Review. Sustainability, 2021, 13, 11661.	1.6	1
36	A Critical Review of Statistical Methods for Twin Studies Relating Exposure to Early Life Health Conditions. International Journal of Environmental Research and Public Health, 2021, 18, 12696.	1.2	4

#	Article	IF	Citations
37	Endotyping Seasonal Allergic Rhinitis in Children: A Cluster Analysis. Frontiers in Medicine, 2021, 8, 806911.	1.2	4
38	Leptin in the Respiratory Tract: Is There a Role in SARS-CoV-2 Infection?. Frontiers in Physiology, 2021, 12, 776963.	1.3	4
39	Identification of bronchiolitis profiles in Italian children through the application of latent class analysis. Italian Journal of Pediatrics, 2020, 46, 147.	1.0	10
40	Determinants of Allergic Sensitization, Asthma and Lung Function: Results from a Cross-Sectional Study in Italian Schoolchildren. International Journal of Environmental Research and Public Health, 2020, 17, 5087.	1.2	7
41	Probiotics in the prevention and treatment of atopic dermatitis. Pediatric Allergy and Immunology, 2020, 31, 43-45.	1.1	15
42	Climate Change and Childhood Respiratory Health: A Call to Action for Paediatricians. International Journal of Environmental Research and Public Health, 2020, 17, 5344.	1.2	31
43	Current Insights on Early Life Nutrition and Prevention of Allergy. Frontiers in Pediatrics, 2020, 8, 448.	0.9	14
44	Artificial intelligence as an emerging diagnostic approach in paediatric pulmonology. Respirology, 2020, 25, 1029-1030.	1.3	4
45	Impact of a supervised training course on spirometry competency for primary care pediatricians. Journal of Asthma, 2020, 58, 1-6.	0.9	0
46	DNA Methylation in Nasal Epithelium: Strengths and Limitations of an Emergent Biomarker for Childhood Asthma. Frontiers in Pediatrics, 2020, 8, 256.	0.9	8
47	RAPPâ€€children: A new tool for assessing quality of life in patients with asthma and rhinitis. Clinical and Experimental Allergy, 2020, 50, 662-671.	1.4	8
48	The effect of residential urban greenness on allergic respiratory diseases in youth: A narrative review. World Allergy Organization Journal, 2020, 13, 100096.	1.6	38
49	Application of latent class analysis in assessing the awareness, attitude, practice and satisfaction of paediatricians on sleep disorder management in children in Italy. PLoS ONE, 2020, 15, e0228377.	1.1	9
50	Effects of Particulate Matter on the Incidence of Respiratory Diseases in the Pisan Longitudinal Study. International Journal of Environmental Research and Public Health, 2020, 17, 2540.	1.2	21
51	Relationship between quality of life and behavioural disorders in children with persistent asthma: a Multiple Indicators Multiple Causes (MIMIC) model. Scientific Reports, 2020, 10, 6957.	1.6	31
52	Assessing repeatability and reproducibility of Anterior Active Rhinomanometry (AAR) in children. BMC Medical Research Methodology, 2020, 20, 86.	1.4	19
53	Italian pediatric respiratory society recommendations on pediatric pulmonary function testing during COVID-19 pandemic. Italian Journal of Pediatrics, 2020, 46, 68.	1.0	26
54	Barriers and incentives for Italian paediatricians to become smoking cessation promoters: a GARD-Italy Demonstration Project. Journal of Thoracic Disease, 2020, 12, 6868-6879.	0.6	3

#	Article	IF	Citations
55	New insights in respiratory impedance in young children after repair of congenital diaphragmatic hernia: a cross-sectional study. Italian Journal of Pediatrics, 2019, 45, 82.	1.0	1
56	Evidence for a link between the Atlantic Multidecadal Oscillation and annual asthma mortality rates in the US. Scientific Reports, 2019, 9, 11683.	1.6	8
57	What Is the Impact of Innovative Electronic Health Interventions in Improving Treatment Adherence in Asthma? The Pediatric Perspective. Journal of Allergy and Clinical Immunology: in Practice, 2019, 7, 2574-2579.	2.0	25
58	Targeting quality of life in asthmatic children: The MyTEP pilot randomized trial. Respiratory Medicine, 2019, 153, 14-19.	1.3	20
59	An association analysis to identify genetic variants linked to asthma and rhino-conjunctivitis in a cohort of Sicilian children. Italian Journal of Pediatrics, 2019, 45, 16.	1.0	5
60	Repeatability of exhaled breath fingerprint collected by a modern sampling system in asthmatic and healthy children. Journal of Breath Research, 2019, 13, 036007.	1.5	11
61	Overrating Classifier Performance in ROC Analysis in the Absence of a Test Set: Evidence from Simulation and Italian CARATkids Validation. Methods of Information in Medicine, 2019, 58, e27-e42.	0.7	8
62	Indoor air quality in schools of a highly polluted south Mediterranean area. Indoor Air, 2019, 29, 276-290.	2.0	33
63	Breathprinting in Childhood Asthma. , 2019, , 145-161.		1
64	Direct and indirect effects of Growth Hormone Deficiency (GHD) on lung function in children: A mediation analysis. Respiratory Medicine, 2018, 137, 61-69.	1.3	3
65	Relationship between domestic smoking and metals and rare earth elements concentration in indoor PM2.5. Environmental Research, 2018, 165, 71-80.	3.7	65
66	Feasibility of the Allergy Questionnaire for Athletes (AQUA Â©) in pediatric age. Pediatric Allergy and Immunology, 2018, 30, 242-245.	1.1	4
67	Associations of greenness, greyness and air pollution exposure with childrenâ€™s health: a cross-sectional study in Southern Italy. Environmental Health, 2018, 17, 86.	1.7	47
68	The Burden of Pediatric Asthma. Frontiers in Pediatrics, 2018, 6, 186.	0.9	290
69	Nasal budesonide efficacy for nasal nitric oxide and nasal obstruction in rhinitis. Pediatric Allergy and Immunology, 2017, 28, 393-397.	1.1	6
70	Efficacy of Buffered Hypertonic Saline Nasal Irrigation for Nasal Symptoms in Children with Seasonal Allergic Rhinitis: A Randomized Controlled Trial. International Archives of Allergy and Immunology, 2017, 174, 97-103.	0.9	21
71	RHINASTHMAâ€Children: A new quality of life tool for patients with respiratory allergy. Pediatric Allergy and Immunology, 2017, 28, 102-105.	1.1	9
72	Risk factors for multimorbidity in wheezing children: role of the phenotype. , 2017, , .		0

#	Article	IF	Citations
73	Development of a nomogram to estimate the quality of life in asthmatic children using the Childhood Asthma Control Test. Pediatric Allergy and Immunology, 2016, 27, 514-520.	1.1	15
74	Beclomethasone dipropionate hydrofluoroalkane for the treatment of allergic rhinitis. Expert Review of Clinical Immunology, 2016, 12, 279-288.	1.3	4
75	Measuring lung function in asthmatic children: A spirometry and forced oscillation technique (FOT) comparison. , 2016, , .		0
76	Feasibility of shotgun urinary proteomics for investigating prematurely born preschoolers (PBP). , 2016, , .		0
77	Latent class identification in wheezing preschool children. , 2016, , .		0
78	The Burden of Rhinitis and Rhinoconjunctivitis in Adolescents. Allergy, Asthma and Immunology Research, 2015, 7, 44.	1.1	54
79	The care pathway for children with urticaria, angioedema, mastocytosis. World Allergy Organization Journal, 2015, 8, 5.	1.6	16
80	Asthma control, severity and lung function impairment through network analysis in children. , 2015, , .		0
81	VAS and PAQLQ association with level of asthma control by using C-ACT. , 2015, , .		0
82	Traffic proximity and lung function. A case-control study in asthmatic children. , 2015, , .		0
83	Lower probability of FEV1improvement in asthmatic children exposed to passive smoke. , 2015, , .		0
84	RHINASTHMAâ€Adolescents: a new quality of life tool for patients with respiratory allergy. Pediatric Allergy and Immunology, 2014, 25, 450-455.	1.1	20
85	Asthma and air pollution. Italian Journal of Pediatrics, 2014, 40, .	1.0	2
86	Vitamin D, allergies and asthma: focus on pediatric patients. World Allergy Organization Journal, 2014, 7, 27.	1.6	19
87	PD13 â€•Gender differences in rhinitic children. Clinical and Translational Allergy, 2014, 4, P13.	1.4	1
88	Smoke exposure as a risk factor for asthma in childhood: A review of current evidence. Allergy and Asthma Proceedings, 2014, 35, 454-461.	1.0	39
89	Environmental risk factors and lung diseases in children: From guidelines to health effects. Early Human Development, 2013, 89, S59-S62.	0.8	20
90	The value of FeNO measurement in childhood asthma: uncertainties and perspectives. Multidisciplinary Respiratory Medicine, 2013, 8, 50.	0.6	22

#	Article	IF	Citations
91	Environmental Effects on Fractional Exhaled Nitric Oxide in Allergic Children. Journal of Allergy, 2012, 2012, 1-6.	0.7	18
92	Reasons for inadequate asthma control in children: an important contribution from the â€œFrench 6 Cities Studyâ€• Multidisciplinary Respiratory Medicine, 2012, 7, 23.	0.6	6
93	Children monosensitized to pine nuts have similar patterns of sensitization. Pediatric Allergy and Immunology, 2012, 23, 761-764.	1.1	6
94	Addressing Exposome: An Innovative Approach to Environmental Determinants in Pediatric Respiratory Health. Frontiers in Public Health, 0, 10, .	1.3	2