

Francesco Raimondi

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.

125
papers

2,852
citations

30
h-index

50
g-index

134
ext. papers

3,633
ext. citations

4.1
avg, IF

5.12
L-index

#	Paper	IF	Citations
125	Bile acids modulate tight junction structure and barrier function of Caco-2 monolayers via EGFR activation. <i>American Journal of Physiology - Renal Physiology</i> , 2008 , 294, G906-13	5.1	173
124	The effects of probiotics on feeding tolerance, bowel habits, and gastrointestinal motility in preterm newborns. <i>Journal of Pediatrics</i> , 2008 , 152, 801-6	3.6	144
123	Gastrointestinal function development and microbiota. <i>Italian Journal of Pediatrics</i> , 2013 , 39, 15	3.2	116
122	Epilepsy due to PNPO mutations: genotype, environment and treatment affect presentation and outcome. <i>Brain</i> , 2014 , 137, 1350-60	11.2	116
121	Enterotoxigenicity and cytotoxicity of <i>Vibrio parahaemolyticus</i> thermostable direct hemolysin in in vitro systems. <i>Infection and Immunity</i> , 2000 , 68, 3180-5	3.7	106
120	Lung Ultrasound for Diagnosing Pneumothorax in the Critically Ill Neonate. <i>Journal of Pediatrics</i> , 2016 , 175, 74-78.e1	3.6	98
119	Epigenetic Matters: The Link between Early Nutrition, Microbiome, and Long-term Health Development. <i>Frontiers in Pediatrics</i> , 2017 , 5, 178	3.4	94
118	Lung Ultrasound Score Predicts Surfactant Need in Extremely Preterm Neonates. <i>Pediatrics</i> , 2018 , 142,	7.4	81
117	Point-of care lung ultrasound in the NICU: uses and limitations of a new tool. <i>Italian Journal of Pediatrics</i> , 2014 , 40,	3.2	78
116	Prolonged neonatal jaundice. <i>Italian Journal of Pediatrics</i> , 2015 , 41, A36	3.2	78
115	Nutrition and immunity in newborns. <i>Italian Journal of Pediatrics</i> , 2015 , 41, A33	3.2	78
114	Use of neonatal chest ultrasound to predict noninvasive ventilation failure. <i>Pediatrics</i> , 2014 , 134, e1089-94	9.4	77
113	Can neonatal lung ultrasound monitor fluid clearance and predict the need of respiratory support?. <i>Critical Care</i> , 2012 , 16, R220	10.8	77
112	The intellectual disability protein RAB39B selectively regulates GluA2 trafficking to determine synaptic AMPAR composition. <i>Nature Communications</i> , 2015 , 6, 6504	17.4	65
111	<i>Lactobacillus reuteri</i> accelerates gastric emptying and improves regurgitation in infants. <i>European Journal of Clinical Investigation</i> , 2011 , 41, 417-22	4.6	63
110	Point-of-care lung ultrasound in neonatology: classification into descriptive and functional applications. <i>Pediatric Research</i> , 2021 , 90, 524-531	3.2	54
109	Treatment of visceral leishmaniasis in children with liposomal amphotericin B. <i>Journal of Pediatrics</i> , 1997 , 131, 271-7	3.6	54

108	Prebiotics improve gastric motility and gastric electrical activity in preterm newborns. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 2009 , 49, 258-61	2.8	47
107	Neonatal urinary cotinine correlates with behavioral alterations in newborns prenatally exposed to tobacco smoke. <i>Pediatric Research</i> , 2007 , 61, 257-61	3.2	46
106	Assessment of prenatal exposure to ethanol by meconium analysis: results of an Italian multicenter study. <i>Alcoholism: Clinical and Experimental Research</i> , 2012 , 36, 417-24	3.7	45
105	Calcium-dependent intestinal chloride secretion by <i>Vibrio parahaemolyticus</i> thermostable direct hemolysin in a rabbit model. <i>Gastroenterology</i> , 1995 , 109, 381-6	13.3	45
104	Serum calprotectin: an antimicrobial peptide as a new marker for the diagnosis of sepsis in very low birth weight newborns. <i>Clinical and Developmental Immunology</i> , 2011 , 2011, 291085		44
103	Lung Ultrasound for the Differential Diagnosis of Respiratory Distress in Neonates. <i>Neonatology</i> , 2019 , 115, 77-84	4	43
102	A Multicenter Lung Ultrasound Study on Transient Tachypnea of the Neonate. <i>Neonatology</i> , 2019 , 115, 263-268	4	38
101	International Perspectives: Point-of-Care Chest Ultrasound in the Neonatal Intensive Care Unit: An Italian Perspective. <i>NeoReviews</i> , 2014 , 15, e2-e6	1.1	38
100	Measuring transcutaneous bilirubin: a comparative analysis of three devices on a multiracial population. <i>BMC Pediatrics</i> , 2012 , 12, 70	2.6	36
99	<i>Vibrio parahaemolyticus</i> thermostable direct hemolysin modulates cytoskeletal organization and calcium homeostasis in intestinal cultured cells. <i>Infection and Immunity</i> , 1999 , 67, 1139-48	3.7	36
98	Infant crying, colic, and gastrointestinal discomfort in early childhood: a review of the evidence and most plausible mechanisms. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 2013 , 57 Suppl 1, S1-45	2.8	34
97	Cholestasis in neonatal intensive care unit: incidence, aetiology and management. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2009 , 98, 1756-61	3.1	33
96	Cytokine gene polymorphisms in Italian preterm infants: association between interleukin-10 -1082 G/A polymorphism and respiratory distress syndrome. <i>Pediatric Research</i> , 2007 , 61, 313-7	3.2	32
95	Surveillance of healthcare-associated infections in a neonatal intensive care unit in Italy during 2006-2010. <i>BMC Infectious Diseases</i> , 2015 , 15, 152	4	30
94	A randomized trial comparing oxygen delivery on intermittent positive pressure with nasal cannulae versus facial mask in neonatal primary resuscitation. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2005 , 94, 197-200	3.1	30
93	Familial intrahepatic cholestasis: New and wide perspectives. <i>Digestive and Liver Disease</i> , 2019 , 51, 922-933	3.3	29
92	Congenital Lung Malformations: Unresolved Issues and Unanswered Questions. <i>Frontiers in Pediatrics</i> , 2019 , 7, 239	3.4	29
91	Outcomes of congenital cytomegalovirus disease following maternal primary and non-primary infection. <i>Journal of Clinical Virology</i> , 2017 , 96, 32-36	14.5	26

90	Is it worthwhile using a transcutaneous bilirubinometer in the nursery?. <i>Early Human Development</i> , 2012 , 88 Suppl 2, S25-6	2.2	25
89	Small-Molecule Protein-Protein Interaction Inhibitor of Oncogenic Rho Signaling. <i>Cell Chemical Biology</i> , 2016 , 23, 1135-1146	8.2	25
88	Italian guidelines for management and treatment of hyperbilirubinaemia of newborn infants [B5]weeksUgestational age. <i>Italian Journal of Pediatrics</i> , 2014 , 40, 11	3.2	22
87	Italian guidelines for the management and treatment of neonatal cholestasis. <i>Italian Journal of Pediatrics</i> , 2015 , 41, 69	3.2	21
86	Neonatal sepsis: a difficult diagnostic challenge. <i>Clinical Biochemistry</i> , 2011 , 44, 463-464	3.5	20
85	Unconjugated bilirubin modulates the intestinal epithelial barrier function in a human-derived in vitro model. <i>Pediatric Research</i> , 2006 , 60, 30-3	3.2	20
84	Reactive nitrogen species modulate the effects of rhein, an active component of senna laxatives, on human epithelium in vitro. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 2002 , 34, 529-34	2.8	20
83	Lung ultrasound-guided emergency pneumothorax needle aspiration in a very preterm infant. <i>BMJ Case Reports</i> , 2014 , 2014,	0.9	19
82	Automated determination of neutrophil volume as screening test for late-onset sepsis in very low birth infants. <i>Pediatric Infectious Disease Journal</i> , 2010 , 29, 288	3.4	19
81	Lung Ultrasound to Monitor Extremely Preterm Infants and Predict Bronchopulmonary Dysplasia. A Multicenter Longitudinal Cohort Study. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2021 , 203, 1398-1409	10.2	19
80	Oxidative Stress and Bronchopulmonary Dysplasia: Evidences From Microbiomics, Metabolomics, and Proteomics. <i>Frontiers in Pediatrics</i> , 2019 , 7, 30	3.4	18
79	Moderate hyperbilirubinemia induces a transient alteration of neonatal behavior. <i>Pediatrics</i> , 2002 , 110, e50	7.4	18
78	Neuroimaging Profiles and Neurodevelopmental Outcome in Infants With Congenital Cytomegalovirus Infection. <i>Pediatric Infectious Disease Journal</i> , 2018 , 37, 1028-1033	3.4	17
77	Maturation of gastric electrical activity, gastric emptying and intestinal permeability in preterm newborns during the first month of life. <i>Italian Journal of Pediatrics</i> , 2009 , 35, 6	3.2	17
76	European Respiratory Society statement on thoracic ultrasound. <i>European Respiratory Journal</i> , 2021 , 57,	13.6	17
75	Clinical Data Are Essential to Validate Lung Ultrasound. <i>Chest</i> , 2016 , 149, 1575	5.3	15
74	Are IgM-enriched immunoglobulins an effective adjuvant in septic VLBW infants?. <i>Italian Journal of Pediatrics</i> , 2013 , 39, 63	3.2	15
73	Risk factors for <i>Candida parapsilosis</i> bloodstream infection in a neonatal intensive care unit: a case-control study. <i>Italian Journal of Pediatrics</i> , 2017 , 43, 10	3.2	14

72	Is lenticulostriated vasculopathy an unfavorable prognostic finding in infants with congenital cytomegalovirus infection?. <i>Journal of Clinical Virology</i> , 2017 , 91, 31-35	14.5	14
71	Lung Ultrasound Findings in Congenital Pulmonary Airway Malformation. <i>American Journal of Perinatology</i> , 2018 , 35, 1222-1227	3.3	14
70	Microbiota Involvement in the GutBrain Axis. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 2013 , 57, S11-S15	2.8	14
69	Intravenous magnesium sulphate vs. inhaled nitric oxide for moderate, persistent pulmonary hypertension of the newborn. A Multicentre, retrospective study. <i>Journal of Tropical Pediatrics</i> , 2008 , 54, 196-9	1.2	13
68	Subclavian stenosis/occlusion in patients with subclavian steal and previous bypass of internal mammary interventricular anterior artery: medical or surgical treatment?. <i>Annals of Vascular Surgery</i> , 2004 , 18, 566-71	1.7	13
67	Superactive mutants of thromboxane prostanoid receptor: functional and computational analysis of an active form alternative to constitutively active mutants. <i>Cellular and Molecular Life Sciences</i> , 2010 , 67, 2979-89	10.3	12
66	Lung Ultrasound Score Progress in Neonatal Respiratory Distress Syndrome. <i>Pediatrics</i> , 2021 , 147,	7.4	12
65	Amino acid-based formula as a rescue strategy in feeding very-low-birth-weight infants with intrauterine growth restriction. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 2012 , 54, 608-12	2.8	10
64	Effect of hyperbilirubinemia on intestinal permeability in healthy term newborns. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2007 , 96, 73-5	3.1	10
63	Prenatal exposure to conjugated bilirubin. <i>Pediatrics</i> , 2006 , 118, 2265	7.4	10
62	Early cord clamping protects at-risk neonates from polycythemia. <i>Neonatology</i> , 2003 , 83, 197-200		10
61	Visual assessment versus computer-assisted gray scale analysis in the ultrasound evaluation of neonatal respiratory status. <i>PLoS ONE</i> , 2018 , 13, e0202397	3.7	10
60	Trends, risk factors and outcomes of healthcare-associated infections in a neonatal intensive care unit in Italy during 2013-2017. <i>Italian Journal of Pediatrics</i> , 2020 , 46, 34	3.2	9
59	Immunoglobulins in neonatal sepsis: has the final word been said?. <i>Early Human Development</i> , 2014 , 90 Suppl 2, S47-9	2.2	8
58	New perspectives in Respiratory Syncytial Virus infection. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2013 , 26 Suppl 2, 55-9	2	8
57	Regurgitation in healthy and non healthy infants. <i>Italian Journal of Pediatrics</i> , 2009 , 35, 39	3.2	8
56	Neonatal hyperbilirubinemia increases intestinal protein permeability and the prevalence of cow's milk protein intolerance. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2008 , 97, 751-3	3.1	8
55	Histological chorioamnionitis and risk of pulmonary complications in preterm births: a systematic review and Meta-analysis. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2021 , 34, 3803-3812	2	8

54	Neonatal Lung Ultrasound and Surfactant Administration: A Pragmatic, Multicenter Study. <i>Chest</i> , 2021 , 160, 2178-2186	5.3	8
53	Comparative effects of atrial natriuretic peptide and E. coli heat-stable toxin on rat intestinal transport. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 1992 , 15, 105-11	2.8	7
52	Effects of deconjugated bile acids on electrolyte and nutrient transport in the rabbit small intestine in vitro. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 1994 , 18, 327-33	2.8	5
51	Lung ultrasound features predict admission to the neonatal intensive care unit in infants with transient neonatal tachypnoea or respiratory distress syndrome born by caesarean section. <i>European Journal of Pediatrics</i> , 2021 , 180, 869-876	4.1	5
50	Noma Neonatorum From Multidrug-Resistant <i>Pseudomonas aeruginosa</i> : An Underestimated Threat?. <i>Journal of the Pediatric Infectious Diseases Society</i> , 2015 , 4, e25-7	4.8	4
49	The Natural History of Hearing Disorders in Asymptomatic Congenital Cytomegalovirus Infection. <i>Frontiers in Pediatrics</i> , 2020 , 8, 217	3.4	4
48	Gut Motility Alterations in Neonates and Young Infants. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 2013 , 57, S9-S11	2.8	4
47	Why should we care about neonatal hyperbilirubinemia in 2011?. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2011 , 24 Suppl 1, 83-4	2	4
46	Unconjugated bile acids modulate adult and neonatal neutrophil chemotaxis induced in vitro by N-formyl-met-leu-phe-peptide. <i>Pediatric Research</i> , 2002 , 51, 392-6	3.2	4
45	RSV prophylaxis in premature infants. <i>Minerva Pediatrica</i> , 2018 , 70, 579-588	1.6	4
44	Reducing post-extubation failure rates in very preterm infants: is BiPAP better than CPAP?. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2020 , 1-6	2	3
43	Pediatric chest ultrasound versus conventional radiology: experimental evidence first. <i>Pediatric Radiology</i> , 2014 , 44, 900	2.8	3
42	A preterm neonate with seizures unresponsive to conventional treatment. <i>BMJ Case Reports</i> , 2015 , 2015,	0.9	3
41	The Italian Registry of kernicterus and hyperbilirubinaemia. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2012 , 25 Suppl 4, 118-20	2	3
40	A randomized trial comparing oxygen delivery on intermittent positive pressure with nasal cannulae versus facial mask in neonatal primary resuscitation. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2005 , 94, 197-200	3.1	3
39	Short 9q interstitial deletion in a neonate with lethal non-immune hydrops. <i>American Journal of Medical Genetics, Part A</i> , 2008 , 146A, 2566-9	2.5	3
38	Enteropathogenic <i>Escherichia coli</i> strain RDEC-1 produces a novel electrogenic factor active on rabbit ileum in vitro. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 2001 , 32, 122-6	2.8	3
37	Neonatal lung ultrasound: From paradox to diagnosis and beyond. <i>Early Human Development</i> , 2020 , 150, 105184	2.2	3

36	Basic-targeted echocardiography for neonatologists: a trainee's perspective. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2017 , 30, 1032-1034	2	2
35	Neonatal hyperbilirubinaemia: time for Italian recommendations?. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2012 , 25 Suppl 4, 116-7	2	2
34	Maternal dysphoria and postnatal environmental stress adaptation. <i>Lancet, The</i> , 2000 , 355, 1100	40	2
33	Evaluation of the Automated QIASymphony SP/AS Workflow for Cytomegalovirus DNA Extraction and Amplification from Dried Blood Spots. <i>Intervirolgy</i> , 2016 , 59, 211-216	2.5	2
32	Do isolates from pharyngeal and rectal swabs match blood culture bacterial pathogens in septic VLBW infants? A pilot, cross-sectional study. <i>European Journal of Pediatrics</i> , 2021 , 180, 799-806	4.1	2
31	COVID-19 pandemic in the neonatal intensive care unit: any effect on late-onset sepsis and necrotizing enterocolitis?. <i>European Journal of Pediatrics</i> , 2021 , 1	4.1	2
30	IgM and IgA enriched polyclonal immunoglobulins reduce short term mortality in extremely low birth weight infants with sepsis: a retrospective cohort study. <i>Minerva Pediatrics</i> , 2021 , 73, 3-7	1.5	2
29	May We Start Early Enteral Nutrition in Critically Ill Children?. <i>Journal of Parenteral and Enteral Nutrition</i> , 2020 , 44, 566	4.2	1
28	Promoting unbiased science on IgM-enriched immunoglobulins. <i>Clinical Microbiology and Infection</i> , 2017 , 23, 55	9.5	1
27	Bilirubin exposure is associated with neonatal sepsis in the eight days preceding symptoms: a retrospective study. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2017 , 30, 2078-2080	2	1
26	Nitric oxide-sensitive pulmonary hypertension in congenital rubella syndrome. <i>Case Reports in Critical Care</i> , 2015 , 2015, 198570	1	1
25	Impact of psychological distress and psychophysical wellbeing on posttraumatic symptoms in parents of preterm infants after NICU discharge.. <i>Italian Journal of Pediatrics</i> , 2022 , 48, 13	3.2	1
24	Feeding the Preterm Neonate with Intrauterine Growth Restriction 2013 , 391-404		1
23	Vitamin K: stay on the safer, old route. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2006 , 95, 762	3.1	1
22	Using LU score to predict extubation failure in preterm infants should consider gestational age at birth. <i>Pediatric Pulmonology</i> , 2020 , 55, 3228	3.5	1
21	Thoracic Hypoplasia at Birth as Presenting Feature of Shwachman-Diamond Syndrome in Twins. <i>Journal of Pediatric Genetics</i> , 2016 , 5, 158-60	0.7	1
20	Severe fetal intracranial hemorrhage: Congenital Cytomegalovirus infection may play a role? A case report and review of literature. <i>IDCases</i> , 2021 , 25, e01188	2	1
19	Can lung ultrasound score accurately predict the need for surfactant replacement in preterm neonates? A systematic review and meta-analysis protocol. <i>PLoS ONE</i> , 2021 , 16, e0255332	3.7	1

18	Infants of Smoking Mothers 2018 , 709-716		o
17	Anorexia nervosa-related cardiopathy in children with physical instability: prevalence, echocardiographic characteristics and reversibility at mid-term follow-up. <i>European Journal of Pediatrics</i> , 2021 , 180, 3379-3389	4.1	o
16	Reply. <i>Journal of Pediatrics</i> , 2017 , 185, 254	3.6	
15	Mobile-based Applications for Newborn Care. <i>Indian Pediatrics</i> , 2017 , 54, 63	1.2	
14	Lung Ultrasound Diagnosis of Pneumothorax and Intervention: The Fundamental Role of Clinical Data. <i>Journal of Emergency Medicine</i> , 2017 , 52, 242	1.5	
13	Newborns, infants and children 206-225		
12	An unusual aggressive presentation of late onset sepsis due to Staphylococcus aureus MRSA producing Panton-Valentine Leukocidin in preterm neonate. <i>Acta Biomedica</i> , 2021 , 92, e2021147	3.2	
11	The meaning of gravity-induced lung ultrasound score variations. <i>Journal of Perinatology</i> , 2021 ,	3.1	
10	Hypertrophic cardiomyopathy in mitochondrial disorders: description of an uncommon clinical case. <i>European Journal of Heart Failure</i> , 2017 , 19, 1201-1204	12.3	
9	Infants of Smoking Mothers 2012 , 375-378		
8	Late-onset brain abscess due to group B Streptococcus. <i>Case Reports in Perinatal Medicine</i> , 2016 , 5, 165-167		
7	Infants of Smoking Mothers 2016 , 1-8		
6	Lung Ultrasounds in Neonatal Diagnostic 2016 , 1-4		
5	An Old Disease Comes Back: Reporting 2 Cases of Neonatal Measles. <i>Journal of the Pediatric Infectious Diseases Society</i> , 2021 , 10, 155-156	4.8	
4	Lung Ultrasound in Neonatal Diagnostic 2018 , 913-916		
3	Neonatal Hyperbilirubinemia: An Updated Appraisal of National Guidelines. <i>Current Pediatric Reviews</i> , 2020 , 16, 298-306	2.8	
2	The Fast Growth of Neonatal Lung Ultrasound. <i>Indian Pediatrics</i> , 2017 , 54, 63-64	1.2	
1	Specific antibody titer decay in neonates prenatally exposed to Toxoplasma gondii and their mothers.. <i>Italian Journal of Pediatrics</i> , 2022 , 48, 63	3.2	

