

Jesus Lopez-Herce

List of Publications by Year in descending order

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343
papers

10,935
citations

41258

49
h-index

39575

94
g-index

452
all docs

452
docs citations

452
times ranked

8313
citing authors

#	ARTICLE	IF	CITATIONS
1	European Resuscitation Council Guidelines for Resuscitation 2010 Section 1. Executive summary. Resuscitation, 2010, 81, 1219-1276.	1.3	1,215
2	European Resuscitation Council Guidelines for Resuscitation 2015. Resuscitation, 2015, 95, 1-80.	1.3	813
3	Global Epidemiology of Pediatric Severe Sepsis: The Sepsis Prevalence, Outcomes, and Therapies Study. American Journal of Respiratory and Critical Care Medicine, 2015, 191, 1147-1157.	2.5	762
4	European Resuscitation Council Guidelines for Resuscitation 2015. Resuscitation, 2015, 95, 223-248.	1.3	397
5	European Resuscitation Council Guidelines for Resuscitation 2010 Section 6. Paediatric life support. Resuscitation, 2010, 81, 1364-1388.	1.3	324
6	Paediatric acute respiratory distress syndrome incidence and epidemiology (PARDIE): an international, observational study. Lancet Respiratory Medicine, the, 2019, 7, 115-128.	5.2	267
7	The International Liaison Committee on Resuscitation (ILCOR) Consensus on Science With Treatment Recommendations for Pediatric and Neonatal Patients: Pediatric Basic and Advanced Life Support. Pediatrics, 2006, 117, e955-e977.	1.0	248
8	Recommendations for mechanical ventilation of critically ill children from the Paediatric Mechanical Ventilation Consensus Conference (PEMVECC). Intensive Care Medicine, 2017, 43, 1764-1780.	3.9	229
9	2005 American Heart Association (AHA) Guidelines for Cardiopulmonary Resuscitation (CPR) and Emergency Cardiovascular Care (ECC) of Pediatric and Neonatal Patients: Pediatric Basic Life Support. Pediatrics, 2006, 117, e989-e1004.	1.0	205
10	Part 10: Pediatric Basic and Advanced Life Support: 2010 International Consensus on Cardiopulmonary Resuscitation and Emergency Cardiovascular Care Science With Treatment Recommendations. Circulation, 2010, 122, S466-S515.	1.6	190
11	2005 American Heart Association (AHA) Guidelines for Cardiopulmonary Resuscitation (CPR) and Emergency Cardiovascular Care (ECC) of Pediatric and Neonatal Patients: Pediatric Advanced Life Support. Pediatrics, 2006, 117, e1005-e1028.	1.0	156
12	Pediatric Acute Lung Injury Epidemiology and Natural History Study. Critical Care Medicine, 2012, 40, 3238-3245.	0.4	149
13	Characteristics and outcome of cardiorespiratory arrest in children. Resuscitation, 2004, 63, 311-320.	1.3	140
14	Severe manifestations of SARS-CoV-2 in children and adolescents: from COVID-19 pneumonia to multisystem inflammatory syndrome: a multicentre study in pediatric intensive care units in Spain. Critical Care, 2020, 24, 666.	2.5	120
15	Hyperoxia, hypocapnia and hypercapnia as outcome factors after cardiac arrest in children. Resuscitation, 2012, 83, 1456-1461.	1.3	108
16	The use of continuous renal replacement therapy in series with extracorporeal membrane oxygenation. Kidney International, 2009, 76, 1289-1292.	2.6	98
17	The Evolving Microbiome from Pregnancy to Early Infancy: A Comprehensive Review. Nutrients, 2020, 12, 133.	1.7	98
18	Factors associated with mortality in pediatric in-hospital cardiac arrest: a prospective multicenter multinational observational study. Intensive Care Medicine, 2013, 39, 309-318.	3.9	97

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19	Comparison of Pediatric Severe Sepsis Managed in U.S. and European ICUs*. <i>Pediatric Critical Care Medicine</i> , 2016, 17, 522-530.	0.2	92
20	New or Progressive Multiple Organ Dysfunction Syndrome in Pediatric Severe Sepsis: A Sepsis Phenotype With Higher Morbidity and Mortality*. <i>Pediatric Critical Care Medicine</i> , 2017, 18, 8-16.	0.2	87
21	Long-term outcome of paediatric cardiorespiratory arrest in Spain. <i>Resuscitation</i> , 2005, 64, 79-85.	1.3	86
22	Discordant identification of pediatric severe sepsis by research and clinical definitions in the SPROUT international point prevalence study. <i>Critical Care</i> , 2015, 19, 325.	2.5	85
23	Long survival in hypoplastic left heart syndrome. <i>Lancet, The</i> , 1991, 338, 53.	6.3	80
24	International Survey of Critically Ill Children With Acute Neurologic Insults: The Prevalence of Acute Critical Neurological Disease in Children: A Global Epidemiological Assessment Study*. <i>Pediatric Critical Care Medicine</i> , 2017, 18, 330-342.	0.2	79
25	Predicting non-invasive ventilation failure in children from the SpO ₂ /FiO ₂ (SF) ratio. <i>Intensive Care Medicine</i> , 2013, 39, 1095-1103.	3.9	78
26	Effectiveness and long-term outcome of cardiopulmonary resuscitation in paediatric intensive care units in Spain. <i>Resuscitation</i> , 2006, 71, 301-309.	1.3	76
27	Outcome of Out-of-Hospital Cardiorespiratory Arrest in Children. <i>Pediatric Emergency Care</i> , 2005, 21, 807-815.	0.5	72
28	Complications of continuous renal replacement therapy in critically ill children: a prospective observational evaluation study. <i>Critical Care</i> , 2009, 13, R184.	2.5	70
29	Transpyloric Enteral Nutrition Reduces the Complication Rate and Cost in the Critically Ill Child. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 2000, 30, 175-180.	0.9	67
30	Frequency and prophylaxis of upper gastrointestinal hemorrhage in critically ill children. <i>Critical Care Medicine</i> , 1992, 20, 1082-1089.	0.4	65
31	Enteral Nutrition in the Critically Ill Child: Comparison of Standard and Protein-Enriched Diets. <i>Journal of Pediatrics</i> , 2011, 159, 27-32.e1.	0.9	65
32	Pediatric Basic and Advanced Life Support: 2010 International Consensus on Cardiopulmonary Resuscitation and Emergency Cardiovascular Care Science With Treatment Recommendations. <i>Pediatrics</i> , 2010, 126, e1261-e1318.	1.0	64
33	Clinical course and mortality risk factors in critically ill children requiring continuous renal replacement therapy. <i>Intensive Care Medicine</i> , 2010, 36, 843-849.	3.9	63
34	Aerosol therapy in intensive and intermediate care units: prospective observation of 2808 critically ill patients. <i>Intensive Care Medicine</i> , 2016, 42, 192-201.	3.9	63
35	Indications and Effects of Plasma Transfusions in Critically Ill Children. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2015, 191, 1395-1402.	2.5	60
36	Rescue treatment with terlipressin in children with refractory septic shock: a clinical study. <i>Critical Care</i> , 2006, 10, R20.	2.5	59

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37	Life-threatening effects of discontinuing inhaled nitric oxide in children. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 1997, 86, 1337-1339.	0.7	58
38	Hypophosphatemia and phosphate supplementation during continuous renal replacement therapy in children. <i>Kidney International</i> , 2009, 75, 312-316.	2.6	58
39	A Multinational Study of Thromboprophylaxis Practice in Critically Ill Children*. <i>Critical Care Medicine</i> , 2014, 42, 1232-1240.	0.4	58
40	Platelet Transfusion Practices in Critically Ill Children. <i>Critical Care Medicine</i> , 2018, 46, 1309-1317.	0.4	58
41	Mechanical ventilation in pediatric intensive care units during the season for acute lower respiratory infection. <i>Pediatric Critical Care Medicine</i> , 2012, 13, 158-164.	0.2	57
42	Hypotonic versus isotonic maintenance fluids in critically ill children: a multicenter prospective randomized study. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2011, 100, 1138-1143.	0.7	56
43	Comparison Between Cardiac Output Measured by the Pulmonary Arterial Thermodilution Technique and that Measured by the Femoral Arterial Thermodilution Technique in a Pediatric Animal Model. <i>Pediatric Cardiology</i> , 2004, 25, 119-123.	0.6	55
44	Prognosis in critically ill children requiring continuous renal replacement therapy. <i>Pediatric Nephrology</i> , 2005, 20, 1473-1477.	0.9	55
45	Early transpyloric enteral nutrition in critically ill children. <i>Nutrition</i> , 2007, 23, 16-22.	1.1	55
46	Pediatric defibrillation after cardiac arrest: initial response and outcome. <i>Critical Care</i> , 2006, 10, R113.	2.5	54
47	Post return of spontaneous circulation factors associated with mortality in pediatric in-hospital cardiac arrest: a prospective multicenter multinational observational study. <i>Critical Care</i> , 2014, 18, 607.	2.5	54
48	Circuit life span in critically ill children on continuous renal replacement treatment: a prospective observational evaluation study. <i>Critical Care</i> , 2008, 12, R93.	2.5	53
49	Malnutrition in the Critically Ill Child: The Importance of Enteral Nutrition. <i>International Journal of Environmental Research and Public Health</i> , 2011, 8, 4353-4366.	1.2	51
50	Risk factors for gastrointestinal complications in critically ill children with transpyloric enteral nutrition. <i>European Journal of Clinical Nutrition</i> , 2008, 62, 395-400.	1.3	50
51	Impact of implementing smart infusion pumps in a pediatric intensive care unit. <i>American Journal of Health-System Pharmacy</i> , 2013, 70, 1897-1906.	0.5	45
52	Quality of life in home-ventilated children and their families. <i>European Journal of Pediatrics</i> , 2017, 176, 1307-1317.	1.3	45
53	Surfactant treatment for acute respiratory distress syndrome. <i>Archives of Disease in Childhood</i> , 1999, 80, 248-252.	1.0	42
54	Nutritional status and clinical outcome of children on continuous renal replacement therapy: a prospective observational study. <i>BMC Nephrology</i> , 2012, 13, 125.	0.8	42

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55	Rescue therapy with terlipressin by continuous infusion in a child with catecholamine-resistant septic shock. <i>Resuscitation</i> , 2006, 68, 151-153.	1.3	41
56	Measurement of Cardiac Output in Children by Bioreactance. <i>Pediatric Cardiology</i> , 2011, 32, 469-472.	0.6	40
57	Vitamin D deficiency at pediatric intensive care admission. <i>Jornal De Pediatria</i> , 2014, 90, 135-142.	0.9	39
58	Cardiac arrest and resuscitation in the pediatric intensive care unit: A prospective multicenter multinational study. <i>Resuscitation</i> , 2014, 85, 1380-1386.	1.3	39
59	Shockable rhythms and defibrillation during in-hospital pediatric cardiac arrest. <i>Resuscitation</i> , 2014, 85, 387-391.	1.3	38
60	Transpyloric Enteral Feeding in Critically Ill Children. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 1998, 26, 43-48.	0.9	38
61	Teicoplanin pharmacokinetics in critically ill paediatric patients. <i>Journal of Antimicrobial Chemotherapy</i> , 1999, 44, 407-409.	1.3	36
62	Pro-adrenomedullin, pro-endothelin-1, procalcitonin, C-reactive protein and mortality risk in critically ill children: a prospective study. <i>Critical Care</i> , 2013, 17, R240.	2.5	36
63	Postpyloric enteral nutrition in the critically ill child with shock: a prospective observational study. <i>Nutrition Journal</i> , 2008, 7, 6.	1.5	35
64	Long-term evolution after in-hospital cardiac arrest in children: Prospective multicenter multinational study. <i>Resuscitation</i> , 2015, 96, 126-134.	1.3	35
65	Estimation of the parameters of cardiac function and of blood volume by arterial thermodilution in an infant animal model. <i>Paediatric Anaesthesia</i> , 2006, 16, 635-640.	0.6	32
66	Gastrointestinal complications in critically ill patients: what differs between adults and children?. <i>Current Opinion in Clinical Nutrition and Metabolic Care</i> , 2009, 12, 180-185.	1.3	32
67	Clinical characteristics of children with group A streptococcal toxic shock syndrome admitted to pediatric intensive care units. <i>European Journal of Pediatrics</i> , 2011, 170, 639-644.	1.3	32
68	Relationship between energy expenditure, nutritional status and clinical severity before starting enteral nutrition in critically ill children. <i>British Journal of Nutrition</i> , 2011, 105, 731-737.	1.2	32
69	Developing a drug library for smart pumps in a pediatric intensive care unit. <i>Artificial Intelligence in Medicine</i> , 2012, 54, 155-161.	3.8	32
70	Citrate Anticoagulation for CRRT in Children: Comparison with Heparin. <i>BioMed Research International</i> , 2014, 2014, 1-7.	0.9	32
71	Sedative and Analgesic Drug Rotation Protocol in Critically Ill Children With Prolonged Sedation: Evaluation of Implementation and Efficacy to Reduce Withdrawal Syndrome*. <i>Pediatric Critical Care Medicine</i> , 2019, 20, 1111-1117.	0.2	32
72	Cardiac output and blood volume parameters using femoral arterial thermodilution. <i>Pediatrics International</i> , 2009, 51, 59-65.	0.2	29

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73	Pediatric cardiac arrest refractory to advanced life support: Is there a role for terlipressin?. <i>Pediatric Critical Care Medicine</i> , 2010, 11, 139-141.	0.2	29
74	Transpyloric enteral feeding in the postoperative of cardiac surgery in children. <i>Journal of Pediatric Surgery</i> , 2006, 41, 1096-1102.	0.8	28
75	Transpyloric enteral nutrition in the critically ill child with renal failure. <i>Intensive Care Medicine</i> , 2006, 32, 1599-1605.	3.9	28
76	Assessing sedation in critically ill children by bispectral index, auditory-evoked potentials and clinical scales. <i>Intensive Care Medicine</i> , 2008, 34, 2092-9.	3.9	28
77	Study of paediatric intensive care units in Spain. <i>Intensive Care Medicine</i> , 2000, 26, 62-68.	3.9	27
78	Chest compressions versus ventilation plus chest compressions in a pediatric asphyxial cardiac arrest animal model. <i>Intensive Care Medicine</i> , 2010, 36, 712-716.	3.9	27
79	Smart pump alerts: All that glitters is not gold. <i>International Journal of Medical Informatics</i> , 2012, 81, 344-350.	1.6	27
80	Non-invasive mechanical ventilation after heart surgery in children. <i>BMC Pulmonary Medicine</i> , 2016, 16, 167.	0.8	27
81	The Association of Nutrition Status Expressed as Body Mass Index z Score With Outcomes in Children With Severe Sepsis: A Secondary Analysis From the Sepsis Prevalence, Outcomes, and Therapies (SPROUT) Study*. <i>Critical Care Medicine</i> , 2018, 46, e1029-e1039.	0.4	27
82	Late onset central hypoventilation syndrome. , 1996, 21, 189-191.		26
83	Outcomes Related to the Use of Frozen Plasma or Pooled Solvent/Detergent-Treated Plasma in Critically Ill Children*. <i>Pediatric Critical Care Medicine</i> , 2017, 18, e215-e223.	0.2	26
84	Usefulness of gastric intramucosal pH for monitoring hemodynamic complications in critically ill children. <i>Intensive Care Medicine</i> , 1997, 23, 1268-1274.	3.9	25
85	Continuous Terlipressin Infusion as Rescue Treatment in a Case Series of Children with Refractory Septic Shock. <i>Annals of Pharmacotherapy</i> , 2010, 44, 1545-1553.	0.9	25
86	Inhaled Salbutamol Plus Ipratropium in Moderate and Severe Asthma Crises in Children. <i>Journal of Asthma</i> , 2011, 48, 298-303.	0.9	24
87	Pediatric basic and advanced life support courses: first experience in Spain. <i>Resuscitation</i> , 1996, 33, 43-48.	1.3	23
88	Monitoring sedation in the critically ill child. <i>Anaesthesia</i> , 2010, 65, 516-524.	1.8	23
89	Constipation in the Critically Ill Child: Frequency and Related Factors. <i>Journal of Pediatrics</i> , 2015, 167, 857-861.e1.	0.9	23
90	An Exploratory Study of Sevoflurane as an Alternative for Difficult Sedation in Critically Ill Children*. <i>Pediatric Critical Care Medicine</i> , 2018, 19, e335-e341.	0.2	23

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91	Mycobacterium tuberculosis Visceral Abscesses in the Acquired Immunodeficiency Syndrome (AIDS). <i>Annals of Internal Medicine</i> , 1988, 109, 437.	2.0	23
92	Terlipressin versus adrenaline in an infant animal model of asphyxial cardiac arrest. <i>Intensive Care Medicine</i> , 2010, 36, 1248-1255.	3.9	22
93	Hemodynamic, respiratory, and perfusion parameters during asphyxia, resuscitation, and post-resuscitation in a pediatric model of cardiac arrest. <i>Intensive Care Medicine</i> , 2011, 37, 147-155.	3.9	22
94	A paediatric cardiopulmonary resuscitation training project in Honduras. <i>Resuscitation</i> , 2010, 81, 472-476.	1.3	21
95	High-Flow Oxygen Therapy: Pressure Analysis in a Pediatric Airway Model. <i>Respiratory Care</i> , 2012, 57, 721-726.	0.8	20
96	RISKS IN THE IMPLEMENTATION AND USE OF SMART PUMPS IN A PEDIATRIC INTENSIVE CARE UNIT: APPLICATION OF THE FAILURE MODE AND EFFECTS ANALYSIS. <i>International Journal of Technology Assessment in Health Care</i> , 2014, 30, 210-217.	0.2	20
97	Implementing smart pump technology in a pediatric intensive care unit: A cost-effective approach. <i>International Journal of Medical Informatics</i> , 2014, 83, 99-105.	1.6	20
98	Analgesia and sedation in children: practical approach for the most frequent situations. <i>Jornal De Pediatria</i> , 2007, 83, 71-82.	0.9	20
99	Pulmonary arterial thermodilution, femoral arterial thermodilution and bioreactance cardiac output monitoring in a pediatric hemorrhagic hypovolemic shock model. <i>Resuscitation</i> , 2012, 83, 125-129.	1.3	19
100	Recomendaciones para el soporte telefónico a la reanimación por testigos desde los centros de coordinación de urgencias y emergencias. <i>Medicina Intensiva</i> , 2015, 39, 298-302.	0.4	19
101	Evaluation of sublingual microcirculation in a paediatric intensive care unit: prospective observational study about its feasibility and utility. <i>BMC Pediatrics</i> , 2017, 17, 75.	0.7	19
102	Severe ischemia of the lower limb and of the intestine associated with systemic vasoconstrictor therapy and femoral arterial catheterization. <i>Pediatric Critical Care Medicine</i> , 2006, 7, 267-269.	0.2	18
103	Haemodynamic response to acute hypovolaemia, rapid blood volume expansion and adrenaline administration in an infant animal model. <i>Resuscitation</i> , 2006, 68, 259-265.	1.3	18
104	Chest compressions versus ventilation plus chest compressions: a randomized trial in a pediatric asphyxial cardiac arrest animal model. <i>Intensive Care Medicine</i> , 2011, 37, 1873-80.	3.9	18
105	Treatment of Hypertensive Crisis with Intranasal Nifedipine. <i>Critical Care Medicine</i> , 1988, 16, 914.	0.4	17
106	Dosage of nifedipine in hypertensive crises of infants and children. <i>European Journal of Pediatrics</i> , 1989, 149, 136-137.	1.3	17
107	Hepatic dysfunction after cardiac surgery in children. <i>Pediatric Critical Care Medicine</i> , 2001, 2, 44-50.	0.2	17
108	Duodenal perforation caused by a transpyloric tube in a critically ill infant. <i>Nutrition</i> , 2006, 22, 209-212.	1.1	17

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109	Accuracy of three transcutaneous carbon dioxide monitors in critically ill children. <i>Pediatric Pulmonology</i> , 2010, 45, 481-486.	1.0	17
110	Exogenous surfactant and alveolar recruitment in the treatment of the acute respiratory distress syndrome. <i>Clinical Respiratory Journal</i> , 2017, 11, 1032-1039.	0.6	17
111	Hemodynamic impact of the connection to continuous renal replacement therapy in critically ill children. <i>Pediatric Nephrology</i> , 2019, 34, 163-168.	0.9	17
112	Benzyl Alcohol Poisoning Following Diazepam Intravenous Infusion. <i>Annals of Pharmacotherapy</i> , 1995, 29, 632-632.	0.9	16
113	Estimation of the length of nasotracheal tube to be introduced in children. <i>Journal of Pediatrics</i> , 2002, 140, 772-774.	0.9	16
114	Responsiveness to stimuli of bispectral index, middle latency auditory evoked potentials and clinical scales in critically ill children. <i>Anaesthesia</i> , 2008, 63, 1296-1301.	1.8	16
115	Stability of Continuous Renal Replacement Therapy Solutions After Phosphate Addition: An Experimental Study. <i>Therapeutic Apheresis and Dialysis</i> , 2011, 15, 75-80.	0.4	16
116	Measurement of Cardiac Output in Children by Pressure-Recording Analytical Method. <i>Pediatric Cardiology</i> , 2015, 36, 358-364.	0.6	16
117	Continuous arteriovenous haemofiltration in children. <i>Intensive Care Medicine</i> , 1989, 15, 224-227.	3.9	15
118	Anaphylactic Reaction to liposomal Amphotericin B in Children. <i>Annals of Pharmacotherapy</i> , 1996, 30, 1036-1037.	0.9	15
119	Elevated carboxyhemoglobin associated with sodium nitroprusside treatment. <i>Intensive Care Medicine</i> , 2005, 31, 1235-1238.	3.9	15
120	Parada cardiaca pediátrica intrahospitalaria en España. <i>Revista Espanola De Cardiologia</i> , 2014, 67, 189-195.	0.6	15
121	In-hospital Pediatric Cardiac Arrest in Honduras. <i>Pediatric Emergency Care</i> , 2015, 31, 31-35.	0.5	15
122	Latin American Consensus on the Management of Sepsis in Children: Sociedad Latinoamericana de Cuidados Intensivos Pediátricos [Latin American Pediatric Intensive Care Society] (SLACIP) Task Force: Executive Summary. <i>Journal of Intensive Care Medicine</i> , 2022, 37, 753-763.	1.3	15
123	Reversal of Midazolam Sedation with Rectal Flumazenil in Children. <i>Critical Care Medicine</i> , 1994, 22, 1204.	0.4	14
124	Correlation between Cardiac Output Measured by the Femoral Arterial Thermodilution Technique Pulmonary Arterial and that Measured by Contour Pulse Analysis in a paediatric animal model. <i>Journal of Clinical Monitoring and Computing</i> , 2006, 20, 19-23.	0.7	14
125	Correlations between hemodynamic, oxygenation and tissue perfusion parameters during asphyxial cardiac arrest and resuscitation in a pediatric animal model. <i>Resuscitation</i> , 2011, 82, 755-759.	1.3	14
126	Continuous renal replacement therapy in children after cardiac surgery. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2013, 146, 448-454.	0.4	14

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127	Tools for the Individualized Therapy of Teicoplanin for Neonates and Children. <i>Antimicrobial Agents and Chemotherapy</i> , 2017, 61, .	1.4	14
128	Assessment of the Level of Sedation in Children After Cardiac Surgery. <i>Annals of Thoracic Surgery</i> , 2009, 88, 144-150.	0.7	13
129	Comparison of normal saline, hypertonic saline and hypertonic saline colloid resuscitation fluids in an infant animal model of hypovolemic shock. <i>Resuscitation</i> , 2012, 83, 1159-1165.	1.3	13
130	In-hospital Pediatric Cardiac Arrest in Spain. <i>Revista Espanola De Cardiologia (English Ed)</i> , 2014, 67, 189-195.	0.4	13
131	Assessment of pain in critically ill children. Is cutaneous conductance a reliable tool?. <i>Journal of Critical Care</i> , 2015, 30, 481-485.	1.0	13
132	Different Respiratory Rates during Resuscitation in a Pediatric Animal Model of Asphyxial Cardiac Arrest. <i>PLoS ONE</i> , 2016, 11, e0162185.	1.1	13
133	Sevoflurane Therapy for Severe Refractory Bronchospasm in Children. <i>Pediatric Critical Care Medicine</i> , 2016, 17, e380-e384.	0.2	13
134	Diffuse persistent pulmonary interstitial emphysema secondary to mechanical ventilation in bronchiolitis. <i>BMC Pulmonary Medicine</i> , 2016, 16, 139.	0.8	13
135	Performance of the PEdiatric Logistic Organ Dysfunction-2 score in critically ill children requiring plasma transfusions. <i>Annals of Intensive Care</i> , 2016, 6, 98.	2.2	13
136	Amiodarone Versus Lidocaine for Pediatric Cardiac Arrest Due to Ventricular Arrhythmias: A Systematic Review. <i>Pediatric Critical Care Medicine</i> , 2017, 18, 183-189.	0.2	13
137	Treatment of hypertensive crisis in children with nifedipine. <i>Intensive Care Medicine</i> , 1988, 14, 519-521.	3.9	12
138	The Use of Transpyloric Enteral Nutrition in the Critically Ill Child. <i>Journal of Intensive Care Medicine</i> , 2000, 15, 247-254.	1.3	12
139	Resuscitation training in developing countries: Importance of a stable program of formation of instructors. <i>Resuscitation</i> , 2011, 82, 780.	1.3	12
140	Development of a Compatibility Chart for Intravenous Y-Site Drug Administration in a Pediatric Intensive Care Unit. <i>Journal of Infusion Nursing</i> , 2012, 35, 109-114.	1.2	12
141	To the editor: On pressure-controlled ventilation in severe asthma. <i>Pediatric Pulmonology</i> , 1996, 21, 401-403.	1.0	11
142	Continuous Venovenous Renal Replacement Therapy Using a Conventional Infusion Pump. <i>ASAIO Journal</i> , 2001, 47, 321-324.	0.9	11
143	Nosocomial Outbreak of <i>Clostridium difficile</i> -Associated Disease in a Pediatric Intensive Care Unit in Madrid. <i>Infection Control and Hospital Epidemiology</i> , 2009, 30, 199-201.	1.0	11
144	Ventilation during cardiopulmonary resuscitation in children: a survey on clinical practice. <i>World Journal of Pediatrics</i> , 2017, 13, 544-550.	0.8	11

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145	Reference values of gastric intramucosal pH in children. <i>Paediatric Anaesthesia</i> , 1998, 8, 135-138.	0.6	10
146	Continuous venovenous renal replacement therapy using a pulsatile blood pump. <i>Pediatric Nephrology</i> , 2003, 18, 29-32.	0.9	10
147	Methaemoglobinaemia secondary to treatment with trimethoprim and sulphamethoxazole associated with inhaled nitric oxide. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 1999, 88, 915-916.	0.7	10
148	Bispectral Index and Middle Latency Auditory Evoked Potentials in Children Younger Than Two-Years-Old. <i>Anesthesia and Analgesia</i> , 2008, 106, 426-432.	1.1	10
149	Clinical course of children requiring prolonged continuous renal replacement therapy. <i>Pediatric Nephrology</i> , 2010, 25, 523-528.	0.9	10
150	Implementation of smart pump technology in a paediatric intensive care unit. <i>Health Informatics Journal</i> , 2015, 21, 209-222.	1.1	10
151	Methylnaltrexone for the Treatment of Constipation in Critically Ill Children. <i>Journal of Clinical Gastroenterology</i> , 2016, 50, 351-352.	1.1	10
152	Infection in Critically Ill Pediatric Patients on Continuous Renal Replacement Therapy. <i>International Journal of Artificial Organs</i> , 2017, 40, 224-229.	0.7	10
153	Comparison between synchronized and non-synchronized ventilation and between guided and non-guided chest compressions during resuscitation in a pediatric animal model after asphyxial cardiac arrest. <i>PLoS ONE</i> , 2019, 14, e0219660.	1.1	10
154	Nutritional status and nutrition support in critically ill children in Spain: Results of a multicentric study. <i>Nutrition</i> , 2021, 84, 110993.	1.1	10
155	Maple Syrup Urine Disease Variant Form: Presentation with Psychomotor Retardation and CT Scan Abnormalities. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 1985, 74, 815-818.	0.7	9
156	A provocative hypothesis: applicability of a single algorithm for basic cardiopulmonary resuscitation in children and adults. <i>Resuscitation</i> , 1999, 41, 175-178.	1.3	9
157	Courses on mechanical ventilation in pediatrics: First experience in Spain. <i>Pediatric Pulmonology</i> , 2007, 42, 1072-1077.	1.0	9
158	0.5 mg/kg versus 1 mg/kg of Intravenous Omeprazole for the Prophylaxis of Gastrointestinal Bleeding in Critically Ill Children: A Randomized Study. <i>Journal of Pediatrics</i> , 2013, 162, 776-782.e1.	0.9	9
159	Comparison between manual and mechanical chest compressions during resuscitation in a pediatric animal model of asphyxial cardiac arrest. <i>PLoS ONE</i> , 2017, 12, e0188846.	1.1	9
160	Paediatric cardiopulmonary resuscitation training program in Latin-America: the RIBEPCI experience. <i>BMC Medical Education</i> , 2017, 17, 161.	1.0	9
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