

Caraciolo J Fernandes

List of Publications by Year in descending order

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66
papers

1,350
citations

361413

20
h-index

377865

34
g-index

69
all docs

69
docs citations

69
times ranked

1648
citing authors

#	ARTICLE	IF	CITATIONS
1	Free Radicals and Diseases in Premature Infants. <i>Antioxidants and Redox Signaling</i> , 2004, 6, 169-176.	5.4	86
2	Mitochondrial Glutathione and Oxidative Stress: Implications for Pulmonary Oxygen Toxicity in Premature Infants. <i>Molecular Genetics and Metabolism</i> , 2000, 71, 352-358.	1.1	82
3	Platelet Transfusions in Infants with Necrotizing Enterocolitis Do Not Lower Mortality but May Increase Morbidity. <i>Journal of Perinatology</i> , 2005, 25, 173-177.	2.0	82
4	Genomic alterations that contribute to the development of isolated and non-isolated congenital diaphragmatic hernia. <i>Journal of Medical Genetics</i> , 2011, 48, 299-307.	3.2	82
5	Genome-wide oligonucleotide-based array comparative genome hybridization analysis of non-isolated congenital diaphragmatic hernia. <i>Human Molecular Genetics</i> , 2007, 16, 424-430.	2.9	79
6	Diagnosing Significant PDA Using Natriuretic Peptides in Preterm Neonates: A Systematic Review. <i>Pediatrics</i> , 2015, 135, e510-e525.	2.1	73
7	Severe Thrombocytopenia Predicts Outcome in Neonates with Necrotizing Enterocolitis. <i>Journal of Perinatology</i> , 2005, 25, 14-20.	2.0	66
8	Feasibility and Outcomes of Fetoscopic Tracheal Occlusion for Severe Left Diaphragmatic Hernia. <i>Obstetrics and Gynecology</i> , 2017, 129, 20-29.	2.4	64
9	Videolaryngoscopy versus direct laryngoscopy for tracheal intubation in neonates. <i>The Cochrane Library</i> , 2018, 6, CD009975.	2.8	44
10	Venovenous cannulation for extracorporeal membrane oxygenation using a bicaval dual-lumen catheter in neonates. <i>Journal of Pediatric Surgery</i> , 2012, 47, 430-434.	1.6	41
11	Use of venovenous ECMO for neonatal and pediatric ECMO: a decade of experience at a tertiary children's hospital. <i>Pediatric Surgery International</i> , 2018, 34, 263-268.	1.4	41
12	Trisomy 14 Mosaicism: A Case Report and Review of the Literature. <i>Journal of Perinatology</i> , 2004, 24, 121-123.	2.0	40
13	Use of Palivizumab for Prevention of Hospitalization as a Result of Respiratory Syncytial Virus in Infants With Cystic Fibrosis. <i>Pediatric Infectious Disease Journal</i> , 2008, 27, 559-561.	2.0	40
14	Prenatally diagnosed neck masses: long-term outcomes and quality of life. <i>Journal of Pediatric Surgery</i> , 2015, 50, 1210-1213.	1.6	39
15	Terminal Deletion of Chromosome 15q26.1: Case Report and Brief Literature Review. <i>Journal of Perinatology</i> , 2005, 25, 429-432.	2.0	30
16	The use of ECMO for persistent pulmonary hypertension of the newborn: A decade of experience. <i>Journal of Surgical Research</i> , 2012, 177, 263-267.	1.6	30
17	Prostaglandin E1 for maintaining ductal patency in neonates with ductal-dependent cardiac lesions. <i>The Cochrane Library</i> , 2018, 2018, CD011417.	2.8	27
18	Early vs late resection of asymptomatic congenital lung malformations. <i>Journal of Pediatric Surgery</i> , 2019, 54, 70-74.	1.6	24

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19	Neonatal Diabetes Mellitus: Patient Reports and Review of Current Knowledge and Clinical Practice. <i>Journal of Pediatric Endocrinology and Metabolism</i> , 2005, 18, 1095-102.	0.9	23
20	Atrial Flutter Following Placement of an Umbilical Venous Catheter. <i>American Journal of Perinatology</i> , 2005, 22, 275-277.	1.4	21
21	Spontaneous pulmonary interstitial emphysema in a term unventilated infant. <i>Pediatric Pulmonology</i> , 2006, 41, 374-378.	2.0	18
22	Could Scrotoschisis Mimic an Iatrogenic Injury? A Case Report. <i>Urology</i> , 2009, 73, 795-796.	1.0	17
23	Therapeutic Hypothermia During Neonatal Transport: Active Cooling Helps Reach the Target. <i>Therapeutic Hypothermia and Temperature Management</i> , 2017, 7, 88-94.	0.9	17
24	The role of <i>FREM2</i> and <i>FRAS1</i> in the development of congenital diaphragmatic hernia. <i>Human Molecular Genetics</i> , 2018, 27, 2064-2075.	2.9	16
25	Gastric Residuals in Prediction of Necrotizing Enterocolitis in Very Low Birth Weight Infants. <i>Pediatrics</i> , 2004, 113, 1848-1849.	2.1	15
26	Outcomes of neonates requiring extracorporeal membrane oxygenation for irreversible pulmonary dysplasia. <i>Pediatric Critical Care Medicine</i> , 2012, 13, 188-190.	0.5	15
27	Identifying and reducing early complications of surgical central lines in infants and toddlers. <i>Journal of Surgical Research</i> , 2014, 190, 246-250.	1.6	15
28	Videolaryngoscopy versus direct laryngoscopy for tracheal intubation in neonates. <i>The Cochrane Library</i> , 2015, , CD009975.	2.8	15
29	Prioritization of Candidate Genes for Congenital Diaphragmatic Hernia in a Critical Region on Chromosome 4p16 using a Machine-Learning Algorithm. <i>Journal of Pediatric Genetics</i> , 2018, 07, 164-173.	0.7	15
30	Vasopressin and its analogues for the treatment of refractory hypotension in neonates. <i>The Cochrane Library</i> , 2013, , CD009171.	2.8	14
31	Evaluating quality of life of extracorporeal membrane oxygenation survivors using the pediatric quality of life inventory survey. <i>Journal of Pediatric Surgery</i> , 2018, 53, 1060-1064.	1.6	14
32	Laryngeal Lymphatic Malformation in a Newborn. <i>Journal of Perinatology</i> , 2003, 23, 567-571.	2.0	13
33	Predictive value of oxygenation index for outcomes in left-sided congenital diaphragmatic hernia. <i>Journal of Pediatric Surgery</i> , 2018, 53, 1675-1680.	1.6	12
34	Congenital diaphragmatic hernia repair in patients on extracorporeal membrane oxygenation: How early can we repair?. <i>Journal of Pediatric Surgery</i> , 2019, 54, 50-54.	1.6	11
35	Using Mnemonics and Visual Imagery to Teach the New Neonatal Resuscitation Program. <i>Journal of Perinatology</i> , 2002, 22, 411-413.	2.0	10
36	Contribution of <i>LPP</i> copy number and sequence changes to esophageal atresia, tracheoesophageal fistula, and <i>VACTERL</i> association. <i>American Journal of Medical Genetics, Part A</i> , 2012, 158A, 1785-1787.	1.2	10

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37	Stable transfection of Chinese hamster ovary cells with glutamate-cysteine ligase catalytic subunit cDNA confers increased resistance to tert-butyl hydroperoxide toxicity. <i>Toxicology Letters</i> , 2002, 136, 107-120.	0.8	9
38	Evaluating the safety of intermittent intravenous sildenafil in infants with pulmonary hypertension. <i>Pediatric Pulmonology</i> , 2017, 52, 232-237.	2.0	9
39	Prenatal Imaging Features and Postnatal Factors Associated with Gastrointestinal Morbidity in Congenital Diaphragmatic Hernia. <i>Fetal Diagnosis and Therapy</i> , 2020, 47, 252-260.	1.4	9
40	Timing of Prenatal Magnetic Resonance Imaging in the Assessment of Congenital Diaphragmatic Hernia. <i>Fetal Diagnosis and Therapy</i> , 2020, 47, 205-213.	1.4	8
41	Platelet transfusions in infants with necrotizing enterocolitis. <i>Psychophysiology</i> , 2006, 5, 76-81.	1.1	8
42	Sirolimus efficacy in the treatment of critically ill infants with congenital primary chylous effusions. <i>Pediatric Blood and Cancer</i> , 2022, 69, e29510.	1.5	7
43	Whose Child Is It Anyway? Resolving Parent-Physician Conflict in the NICU Setting. <i>American Journal of Perinatology</i> , 2003, 20, 373-380.	1.4	6
44	A novel multimodal computational system using near-infrared spectroscopy predicts the need for ECMO initiation in neonates with congenital diaphragmatic hernia. <i>Journal of Pediatric Surgery</i> , 2018, 53, 152-158.	1.6	6
45	Derangement of Arginine and Related Amino Acids in Children Undergoing Surgery for Congenital Heart Disease With Cardiopulmonary Bypass. , 2020, 2, e0150.		6
46	Does creating a dome reduce recurrence in congenital diaphragmatic hernia following patch repair?. <i>Journal of Pediatric Surgery</i> , 2022, 57, 637-642.	1.6	6
47	Heated, Humidified High-Flow Nasal Cannula Therapy: Yet Another Way to Deliver Continuous Positive Airway Pressure?. <i>Pediatrics</i> , 2008, 122, 218-219.	2.1	5
48	Indomethacin Therapy for Patent Ductus Arteriosus in Premature Infants: Efficacy of a Dosing Strategy Based on a Second-Dose Peak Plasma Indomethacin Level and Estimated Plasma Indomethacin Levels. <i>American Journal of Perinatology</i> , 2004, 21, 191-197.	1.4	4
49	Pre-cannulation lung biopsy shortens ECMO course. <i>Pediatric Surgery International</i> , 2016, 32, 713-716.	1.4	4
50	Fetal echocardiography (ECHO) in assessment of structural heart defects in congenital diaphragmatic hernia patients: Is early postnatal ECHO necessary for ECMO candidacy?. <i>Journal of Pediatric Surgery</i> , 2019, 54, 920-924.	1.6	4
51	“Coat Hanger” Appearance of the Ribs. <i>New England Journal of Medicine</i> , 2020, 382, 1257-1257.	27.0	4
52	Fetal endoscopic tracheal occlusion and pulmonary hypertension in moderate congenital diaphragmatic hernia. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2022, 35, 6967-6972.	1.5	4
53	Reopening the Debate on Corticosteroids: To the Editor. <i>Pediatrics</i> , 2006, 117, 2321-2322.	2.1	2
54	Transposition of the great arteries: When echocardiography does not match the clinical picture. <i>Journal of Clinical Ultrasound</i> , 2018, 46, 617-622.	0.8	2

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55	Unilateral neonatal pulmonary interstitial emphysema managed conservatively: A case report. <i>Pediatric Pulmonology</i> , 2021, 56, 83-87.	2.0	2
56	Nasopharyngeal Surfactant Administration to Prevent Neonatal Respiratory Distress Syndrome. <i>Journal of Perinatology</i> , 2005, 25, 361-362.	2.0	1
57	Prostaglandin E1 for maintaining ductal patency in neonates with ductus-dependent cardiac lesions. <i>The Cochrane Library</i> , 2014, , .	2.8	1
58	Brain natriuretic peptide and N-terminal brain natriuretic peptide for the diagnosis of hemodynamically significant patent ductus arteriosus in preterm neonates. <i>The Cochrane Library</i> , 2018, , .	2.8	1
59	Pneumopericardium in the neonate: a case report. <i>Perfusion (United Kingdom)</i> , 2020, 35, 360-362.	1.0	1
60	Gentamicin Pharmacokinetics in Term Newborn Infants Receiving High-frequency Oscillatory Ventilation or Conventional Mechanical Ventilation: A Case-controlled Study. <i>Journal of Perinatology</i> , 2004, 24, 266-267.	2.0	0
61	Evaluating reflex red blood cell transfusion thresholds in neonatal extracorporeal membrane oxygenation. <i>Transfusion</i> , 2018, 58, 1326-1327.	1.6	0
62	The "Baby Moses" Law: A Case for Improving Medicolegal Education for Pediatric Trainees. <i>Journal of Medical Education and Curricular Development</i> , 2020, 7, 238212052091395.	1.5	0
63	The number needed to transfer to a higher level of care. <i>Journal of Perinatology</i> , 2020, 40, 831-832.	2.0	0
64	When the course deviates from expected: Misplacement of an epicutaneo-caval catheter in a neonate. <i>Journal of Vascular Access</i> , 2021, , 112972982110008.	0.9	0
65	Central diaphragmatic hernia and congenital short esophagus: Embryology and long-term follow-up. <i>Journal of Pediatric Surgery Case Reports</i> , 2022, 76, 102128.	0.2	0
66	A Newborn Without a Respiratory Drive. <i>Pediatrics in Review</i> , 2022, 43, 397-399.	0.4	0