

Willem P De Boode

List of Publications by Year in Descending Order

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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.

79
papers

1,587
citations

21
h-index

38
g-index

87
ext. papers

2,209
ext. citations

5.1
avg, IF

4.73
L-index

#	Paper	IF	Citations
79	Neonatal sepsis: a systematic review of core outcomes from randomised clinical trials.. <i>Pediatric Research</i> , 2022 ,	3.2	1
78	Cerebral near-infrared spectroscopy monitoring (NIRS) in children and adults: a systematic review with meta-analysis.. <i>Pediatric Research</i> , 2022 ,	3.2	0
77	CeRebrUm and Cardiac Protection with ALlopurinol in Neonates with Critical Congenital Heart Disease Requiring Cardiac Surgery with Cardiopulmonary Bypass (CRUCIAL): study protocol of a phase III, randomized, quadruple-blinded, placebo-controlled, Dutch multicenter trial.. <i>Trials</i> , 2022 , 23, 171	2.8	1
76	Survey highlighting the lack of consensus on diagnosis and treatment of patent ductus arteriosus in prematurity.. <i>European Journal of Pediatrics</i> , 2022 , 1	4.1	1
75	Accuracy and Trending Ability of Electrical Biosensing Technology for Non-invasive Cardiac Output Monitoring in Neonates: A Systematic Qualitative Review.. <i>Frontiers in Pediatrics</i> , 2022 , 10, 851850	3.4	1
74	Physiological-based cord clamping versus immediate cord clamping for infants born with a congenital diaphragmatic hernia (PinC): study protocol for a multicentre, randomised controlled trial.. <i>BMJ Open</i> , 2022 , 12, e054808	3	0
73	Medical costs of children admitted to the neonatal intensive care unit: The role and possible economic impact of WES in early diagnosis.. <i>European Journal of Medical Genetics</i> , 2022 , 104467	2.6	0
72	Feasibility and safety of intranasally administered mesenchymal stromal cells after perinatal arterial ischaemic stroke in the Netherlands (PASSION): a first-in-human, open-label intervention study.. <i>Lancet Neurology</i> , 2022 , 21, 528-536	24.1	3
71	Interprofessional Consensus Regarding Design Requirements for Liquid-Based Perinatal Life Support (PLS) Technology.. <i>Frontiers in Pediatrics</i> , 2021 , 9, 793531	3.4	1
70	Neonatal sepsis definitions from randomised clinical trials. <i>Pediatric Research</i> , 2021 ,	3.2	4
69	Morbidity and mortality related to surgery in patients with bronchopulmonary dysplasia: A retrospective cohort study in a Dutch tertiary institution. <i>European Journal of Anaesthesiology</i> , 2021 , 38, 1295-1297	2.3	
68	Normal regional tissue oxygen saturation in neonates: a systematic qualitative review. <i>Pediatric Research</i> , 2021 ,	3.2	0
67	Training practices in neonatal and paediatric life support: A survey among healthcare professionals working in paediatrics. <i>Resuscitation Plus</i> , 2021 , 5, 100063	1.4	1
66	The clinical effects of cerebral near-infrared spectroscopy monitoring (NIRS) versus no monitoring: a protocol for a systematic review with meta-analysis and trial sequential analysis. <i>Systematic Reviews</i> , 2021 , 10, 111	3	1
65	Predictive factors for surgical treatment in preterm neonates with necrotizing enterocolitis: a multicenter case-control study. <i>European Journal of Pediatrics</i> , 2021 , 180, 617-625	4.1	1
64	Sustainable neonatal CLABSI surveillance: consensus towards new criteria in the Netherlands. <i>Antimicrobial Resistance and Infection Control</i> , 2021 , 10, 31	6.2	1
63	Factors Associated With Benefit of Treatment of Patent Ductus Arteriosus in Preterm Infants: A Systematic Review and Meta-Analysis. <i>Frontiers in Pediatrics</i> , 2021 , 9, 626262	3.4	4

62	Conservative Management of Patent Ductus Arteriosus in Preterm Infants-A Systematic Review and Meta-Analyses Assessing Differences in Outcome Measures Between Randomized Controlled Trials and Cohort Studies. <i>Frontiers in Pediatrics</i> , 2021 , 9, 626261	3.4	2
61	Profound Pathogen-Specific Alterations in Intestinal Microbiota Composition Precede Late-Onset Sepsis in Preterm Infants: A Longitudinal, Multicenter, Case-Control Study. <i>Clinical Infectious Diseases</i> , 2021 , 73, e224-e232	11.6	3
60	Congenital anomalies and genetic disorders in neonates and infants: a single-center observational cohort study. <i>European Journal of Pediatrics</i> , 2021 , 1	4.1	0
59	Bioreactance Cardiac Output Trending Ability in Preterm Infants: A Single Centre, Longitudinal Study. <i>Neonatology</i> , 2021 , 118, 600-608	4	2
58	Multi-centre, randomised non-inferiority trial of early treatment versus expectant management of patent ductus arteriosus in preterm infants (the BeNeDuctus trial): statistical analysis plan. <i>Trials</i> , 2021 , 22, 627	2.8	2
57	Challenges in developing a consensus definition of neonatal sepsis. <i>Pediatric Research</i> , 2020 , 88, 14-26	3.2	30
56	Agreement of Cardiac Output Measurements between Bioreactance and Transthoracic Echocardiography in Preterm Infants during the Transitional Phase: A Single-Centre, Prospective Study. <i>Neonatology</i> , 2020 , 117, 271-278	4	7
55	Advanced Hemodynamic Monitoring in the Neonatal Intensive Care Unit. <i>Clinics in Perinatology</i> , 2020 , 47, 423-434	2.8	6
54	Interventions for patent ductus arteriosus (PDA) in preterm infants: an overview of Cochrane Systematic Reviews. <i>The Cochrane Library</i> , 2020 ,	5.2	2
53	Individualized Hemodynamic Management in Newborns. <i>Frontiers in Pediatrics</i> , 2020 , 8, 580470	3.4	3
52	Recommendations for hemodynamic monitoring for critically ill children-expert consensus statement issued by the cardiovascular dynamics section of the European Society of Paediatric and Neonatal Intensive Care (ESPNIC). <i>Critical Care</i> , 2020 , 24, 620	10.8	9
51	Effect of Hydrocortisone Therapy Initiated 7 to 14 Days After Birth on Mortality or Bronchopulmonary Dysplasia Among Very Preterm Infants Receiving Mechanical Ventilation: A Randomized Clinical Trial. <i>JAMA - Journal of the American Medical Association</i> , 2019 , 321, 354-363	27.4	42
50	Understanding the pathobiology in patent ductus arteriosus in prematurity-beyond prostaglandins and oxygen. <i>Pediatric Research</i> , 2019 , 86, 28-38	3.2	14
49	Risk Factors for Late-Onset Sepsis in Preterm Infants: A Multicenter Case-Control Study. <i>Neonatology</i> , 2019 , 116, 42-51	4	24
48	Preterm neonates benefit from low prophylactic platelet transfusion threshold despite varying risk of bleeding or death. <i>Blood</i> , 2019 , 134, 2354-2360	2.2	17
47	Assessment of Cardiac Output in Neonates 2019 , 237-263		1
46	Comprehensive, Real-Time Hemodynamic Monitoring and Data Acquisition 2019 , 363-384		
45	Randomized Trial of Platelet-Transfusion Thresholds in Neonates. <i>New England Journal of Medicine</i> , 2019 , 380, 242-251	59.2	156

44	Late-onset Sepsis in Preterm Infants Can Be Detected Preclinically by Fecal Volatile Organic Compound Analysis: A Prospective, Multicenter Cohort Study. <i>Clinical Infectious Diseases</i> , 2019 , 68, 70-77 ^{11.6}	17
43	Role of neonatologist-performed echocardiography in the assessment and management of patent ductus arteriosus physiology in the newborn. <i>Seminars in Fetal and Neonatal Medicine</i> , 2018 , 23, 292-297 ^{3.7}	15
42	Early treatment versus expectative management of patent ductus arteriosus in preterm infants: a multicentre, randomised, non-inferiority trial in Europe (BeNeDuctus trial). <i>BMC Pediatrics</i> , 2018 , 18, 262	2.6 40
41	Neonatal Hemodynamics: From Developmental Physiology to Comprehensive Monitoring. <i>Frontiers in Pediatrics</i> , 2018 , 6, 87	3.4 44
40	Application of Neonatologist Performed Echocardiography in the Assessment and Management of Neonatal Heart Failure unrelated to Congenital Heart Disease. <i>Pediatric Research</i> , 2018 , 84, 78-88	3.2 17
39	Introduction to neonatologist-performed echocardiography. <i>Pediatric Research</i> , 2018 , 84, 1-12	3.2 32
38	Application of NPE in the assessment of a patent ductus arteriosus. <i>Pediatric Research</i> , 2018 , 84, 46-56	3.2 55
37	Education, training, and accreditation of Neonatologist Performed Echocardiography in Europe-framework for practice. <i>Pediatric Research</i> , 2018 , 84, 13-17	3.2 17
36	Tissue Doppler velocity imaging and event timings in neonates: a guide to image acquisition, measurement, interpretation, and reference values. <i>Pediatric Research</i> , 2018 , 84, 18-29	3.2 24
35	Deformation imaging and rotational mechanics in neonates: a guide to image acquisition, measurement, interpretation, and reference values. <i>Pediatric Research</i> , 2018 , 84, 30-45	3.2 39
34	The role of Neonatologist Performed Echocardiography in the assessment and management of neonatal shock. <i>Pediatric Research</i> , 2018 , 84, 57-67	3.2 34
33	Application of Neonatologist Performed Echocardiography in the assessment and management of persistent pulmonary hypertension of the newborn. <i>Pediatric Research</i> , 2018 , 84, 68-77	3.2 40
32	Risk Factors for Necrotizing Enterocolitis: A Prospective Multicenter Case-Control Study. <i>Neonatology</i> , 2018 , 114, 277-284	4 36
31	The use of milrinone in neonates with persistent pulmonary hypertension of the newborn - a randomised controlled trial pilot study (MINT 1): study protocol and review of literature. <i>Maternal Health, Neonatology and Perinatology</i> , 2018 , 4, 24	3.4 9
30	Using benchmarking to identify inter-centre differences in persistent ductus arteriosus treatment: can we improve outcome?. <i>Cardiology in the Young</i> , 2017 , 27, 1488-1496	1 5
29	Clinician performed ultrasound in fetal growth restriction: fetal, neonatal and pediatric aspects. <i>Journal of Perinatology</i> , 2017 , 37, 1251-1258	3.1 3
28	Estimation of extravascular lung water using the transpulmonary ultrasound dilution (TPUD) method: a validation study in neonatal lambs. <i>Journal of Clinical Monitoring and Computing</i> , 2016 , 30, 985-994	2 4
27	Recommendations for neonatologist performed echocardiography in Europe: Consensus Statement endorsed by European Society for Paediatric Research (ESPR) and European Society for Neonatology (ESN). <i>Pediatric Research</i> , 2016 , 80, 465-71	3.2 72

26	Detection and quantification of left-to-right shunting using transpulmonary ultrasound dilution (TPUD): a validation study in neonatal lambs. <i>Journal of Perinatal Medicine</i> , 2016 , 44, 925-932	2.7	1
25	Ventilator-induced pulse pressure variation in neonates. <i>Physiological Reports</i> , 2016 , 4, e12716	2.6	5
24	Hemodynamic volumetry using transpulmonary ultrasound dilution (TPUD) technology in a neonatal animal model. <i>Journal of Clinical Monitoring and Computing</i> , 2015 , 29, 643-52	2	8
23	Validation of extravascular lung water measurement by transpulmonary thermodilution in a pediatric animal model. <i>Pediatric Critical Care Medicine</i> , 2014 , 15, e226-33	3	6
22	Collagen-Vicryl scaffolds for reconstruction of the diaphragm in a large animal model. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2014 , 102, 756-63	3.5	11
21	Gold standard must be solid gold. <i>Intensive Care Medicine</i> , 2013 , 39, 1330-1	14.5	1
20	Incidence of hypo- and hyper-capnia in a cross-sectional European cohort of ventilated newborn infants. <i>Archives of Disease in Childhood: Fetal and Neonatal Edition</i> , 2013 , 98, F323-6	4.7	22
19	Transpulmonary thermodilution cardiac output measurement is not affected by severe pulmonary oedema: a newborn animal study. <i>British Journal of Anaesthesia</i> , 2013 , 111, 286-92	5.4	1
18	Cardiac output measurement with transpulmonary ultrasound dilution is feasible in the presence of a left-to-right shunt: a validation study in lambs. <i>British Journal of Anaesthesia</i> , 2012 , 108, 409-16	5.4	20
17	Influence of lung injury on cardiac output measurement using transpulmonary ultrasound dilution: a validation study in neonatal lambs. <i>British Journal of Anaesthesia</i> , 2012 , 109, 870-8	5.4	9
16	Clinical review: Update on hemodynamic monitoring--a consensus of 16. <i>Critical Care</i> , 2011 , 15, 229	10.8	254
15	Cardiac output can be measured with the transpulmonary thermodilution method in a paediatric animal model with a left-to-right shunt. <i>British Journal of Anaesthesia</i> , 2011 , 107, 336-43	5.4	11
14	Cardiac output measurement in ventilated lambs with a significant left-to-right shunt using the modified carbon dioxide fick method. <i>Neonatology</i> , 2010 , 97, 124-31	4	7
13	Application of ultrasound dilution technology for cardiac output measurement: Cerebral and systemic hemodynamic consequences in a juvenile animal model. <i>Pediatric Critical Care Medicine</i> , 2010 , 11, 616-23	3	13
12	Cardiac output measurement using an ultrasound dilution method: a validation study in ventilated piglets. <i>Pediatric Critical Care Medicine</i> , 2010 , 11, 103-8	3	33
11	209 Cardiac Output Measurement in Juvenile Animals with a Surgically Constructed Extra Cardiac Left-To-Right Shunt Using the Transpulmonary Thermodilution Technique. <i>Pediatric Research</i> , 2010 , 68, 109-110	3.2	
10	220 Assessing Cardiac Output and Derived Blood Volumes in a Neonatal Lamb Model with a Left-To-Right Shunt. <i>Pediatric Research</i> , 2010 , 68, 115-115	3.2	
9	Ventilation practices in the neonatal intensive care unit: a cross-sectional study. <i>Journal of Pediatrics</i> , 2010 , 157, 767-71.e1-3	3.6	81

8	Clinical monitoring of systemic hemodynamics in critically ill newborns. <i>Early Human Development</i> , 2010 , 86, 137-41	2.2	55
7	Cardiac output monitoring in newborns. <i>Early Human Development</i> , 2010 , 86, 143-8	2.2	38
6	In vivo validation of cardiac output assessment in non-standard 3D echocardiographic images. <i>Physics in Medicine and Biology</i> , 2009 , 54, 1951-62	3.8	4
5	Validation of transpulmonary thermodilution cardiac output measurement in a pediatric animal model. <i>Pediatric Critical Care Medicine</i> , 2008 , 9, 313-9	3	58
4	Cardiac output measurement using a modified carbon dioxide Fick method: a validation study in ventilated lambs. <i>Pediatric Research</i> , 2007 , 61, 279-83	3.2	13
3	Null mutations and lethal congenital form of glycogen storage disease type IV. <i>Biochemical and Biophysical Research Communications</i> , 2007 , 361, 445-50	3.4	21
2	Normal serum alanine concentration differentiates transient neonatal lactic acidemia from an inborn error of energy metabolism. <i>Neonatology</i> , 2006 , 90, 207-9	4	6
1	Myopathology in patients with a Noonan phenotype. <i>Acta Neuropathologica</i> , 1996 , 92, 597-602	14.3	19