

# Robert D Christensen

## List of Publications by Year in descending order

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89  
papers

1,987  
citations

236912

25  
h-index

276858

41  
g-index

89  
all docs

89  
docs citations

89  
times ranked

1572  
citing authors

#	ARTICLE	IF	CITATIONS
1	Reference intervals for end-tidal carbon monoxide of preterm neonates. <i>Journal of Perinatology</i> , 2022, 42, 116-120.	2.0	4
2	Fetomaternal hemorrhage: Evidence from a multihospital healthcare system that up to 40% of severe cases are missed. <i>Transfusion</i> , 2022, 62, 60-70.	1.6	14
3	Iron Deficiency in Newborn Infants: Global Rewards for Recognizing and Treating This Silent Malady. , 2022, 1, 97-103.		2
4	An Infant With Hereditary Fructose Intolerance and a Novel Presentation of Disseminated Intravascular Coagulopathy Following Pyloromyotomy. <i>Journal of Pediatric Hematology/Oncology</i> , 2022, 44, 409-411.	0.6	2
5	International guidelines regarding the role of IVIG in the management of Rh&#x2014;and ABO&#x2014;mediated haemolytic disease of the newborn. <i>British Journal of Haematology</i> , 2022, , .	2.5	6
6	Implications of an Elevated Nucleated Red Blood Cell Count in Neonates with Moderate to Severe Hypoxic-Ischemic Encephalopathy. <i>Journal of Pediatrics</i> , 2022, 246, 12-18.e2.	1.8	3
7	Exchange transfusion for hemolytic hyperbilirubinemia: could some be averted by emergent administration of an inhibitor of bilirubin production?. <i>Journal of Perinatology</i> , 2021, 41, 860-864.	2.0	1
8	Decision Accuracy and Safety of Transcutaneous Bilirubin Screening at Intermountain Healthcare. <i>Journal of Pediatrics</i> , 2021, 228, 53-57.	1.8	9
9	Does heterozygosity for UGT1A1 *28 convey increased risk for severe neonatal jaundice?. <i>Journal of Perinatology</i> , 2021, 41, 658-660.	2.0	2
10	Improving thermoregulation in transported preterm infants. <i>Journal of Perinatology</i> , 2021, 41, 356-357.	2.0	2
11	Maternal obesity and impaired offspring neurodevelopment: could fetal iron deficiency be a pathogenic link?. <i>Journal of Perinatology</i> , 2021, 41, 1199-1200.	2.0	4
12	Effect of blood transfusions on cognitive development in very low birth weight infants. <i>Journal of Perinatology</i> , 2021, 41, 1412-1418.	2.0	8
13	Is the erythropoietin-erythroferrone-hepcidin axis intact in human neonates?. <i>Blood Cells, Molecules, and Diseases</i> , 2021, 88, 102536.	1.4	15
14	Improvement Initiative: End-Tidal Carbon Monoxide Measurement in Newborns Receiving Phototherapy. <i>Journal of Pediatrics</i> , 2021, 238, 168-173.e2.	1.8	6
15	Neonatal Reference Intervals for the Complete Blood Count Parameters MicroR and HYPO-He: Sensitivity Beyond the Red Cell Indices for Identifying Microcytic and Hypochromic Disorders. <i>Journal of Pediatrics</i> , 2021, 239, 95-100.e2.	1.8	5
16	Novel, de novo, beta&#x2014;globin variant with decreased oxygen affinity (<sc><i>HBB</i></sc>:c.<sc>317T</sc>&gt;A, &#x2014;<i>Hemoglobin St. George</i>&#x2014;) in a healthy child with low oxygen saturations and anemia. <i>American Journal of Hematology</i> , 2021, 96, E448-E450.	4.1	1
17	A New Hour-Specific Serum Bilirubin Nomogram for Neonates &#x2264;35&#x2014;Weeks of Gestation. <i>Journal of Pediatrics</i> , 2021, 236, 28-33.e1.	1.8	13
18	Early iron supplementation and iron sufficiency at one month of age in NICU patients at-risk for iron deficiency. <i>Blood Cells, Molecules, and Diseases</i> , 2021, 90, 102575.	1.4	7

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19	Reply. <i>Journal of Pediatrics</i> , 2021, 237, 317-318.	1.8	0
20	Thirty-five males with severe (Class 1) G6PD deficiency (c.637G>T) in a North American family of European ancestry. <i>Blood Cells, Molecules, and Diseases</i> , 2021, 92, 102625.	1.4	2
21	The fragmented red cell count can support the diagnosis of a microangiopathic neonatal condition. <i>Journal of Perinatology</i> , 2020, 40, 354-355.	2.0	3
22	A Novel Variant in <i>G6PD</i> (c.1375C>G) Identified from a Hispanic Neonate with Extreme Hyperbilirubinemia and Low G6PD Enzymatic Activity. <i>Neonatology</i> , 2020, 117, 532-535.	2.0	6
23	Warming blood products for transfusion to neonates: In vitro assessments. <i>Transfusion</i> , 2020, 60, 1924-1928.	1.6	7
24	Emergency-release blood transfusions after postpartum hemorrhage at the Intermountain Healthcare hospitals. <i>Transfusion</i> , 2020, 60, 1418-1423.	1.6	8
25	Dizygotic twins with prolonged jaundice and microcytic, hypochromic, hemolytic anemia with pyropoikilocytosis. <i>Blood Cells, Molecules, and Diseases</i> , 2020, 85, 102462.	1.4	2
26	Improving the Bilirubin Management Program in the Newborn Nursery: Background, Aims, and Protocol. <i>Neonatology</i> , 2020, 117, 358-364.	2.0	6
27	Early Hyperbilirubinemia in Neonates with Down Syndrome. <i>Journal of Pediatrics</i> , 2020, 219, 140-145.	1.8	3
28	Infantile Pyknocytosis: End-Tidal CO <sub>2</sub> , %Micro-R Measurements, Next-Generation Sequencing, and Transfusion Avoidance with Darbeapoetin. <i>Biomedicine Hub</i> , 2020, 5, 1-8.	1.2	0
29	First report of using low-titer cold-stored type O whole blood in massive postpartum hemorrhage. <i>Transfusion</i> , 2019, 59, 3089-3092.	1.6	13
30	Evaluating emergency-release blood transfusion of newborn infants at the Intermountain Healthcare hospitals. <i>Transfusion</i> , 2019, 59, 3113-3119.	1.6	8
31	Medicinal Uses of Hematopoietic Growth Factors in Neonatal Medicine. <i>Handbook of Experimental Pharmacology</i> , 2019, 261, 257-283.	1.8	1
32	Neonates with suspected microangiopathic disorders: performance of standard manual schistocyte enumeration vs. the automated fragmented red cell count. <i>Journal of Perinatology</i> , 2019, 39, 1555-1561.	2.0	12
33	The Neonatal Acute Bilirubin Encephalopathy Registry (NABER): Background, Aims, and Protocol. <i>Neonatology</i> , 2019, 115, 242-246.	2.0	24
34	Molecular diagnostic update in hereditary hemolytic anemia and neonatal hyperbilirubinemia. <i>International Journal of Laboratory Hematology</i> , 2019, 41, 95-101.	1.3	33
35	Screening umbilical cord blood for congenital Iron deficiency. <i>Blood Cells, Molecules, and Diseases</i> , 2019, 77, 95-100.	1.4	17
36	Ferritin in serum and urine: A pilot study. <i>Blood Cells, Molecules, and Diseases</i> , 2019, 76, 59-62.	1.4	15

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37	Automated Quantification of Fragmented Red Blood Cells: Neonatal Reference Intervals and Clinical Disorders of Neonatal Intensive Care Unit Patients with High Values. <i>Neonatology</i> , 2019, 115, 5-12.	2.0	10
38	Identification of risk for neonatal haemolysis. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2018, 107, 1350-1356.	1.5	27
39	Fetal presentation of congenital dyserythropoietic anemia type 1 with novel compound heterozygous CDAN1 mutations. <i>Blood Cells, Molecules, and Diseases</i> , 2018, 71, 63-66.	1.4	8
40	Anemia, red blood cell transfusions, and necrotizing enterocolitis. <i>Seminars in Pediatric Surgery</i> , 2018, 27, 47-51.	1.1	56
41	Non-Immune Hydrops, Hypotonia, Encephalopathy, and Liver Failure with Novel Compound Heterozygous <i>ABCB9</i> Mutations. <i>Neonatology</i> , 2018, 114, 337-340.	2.0	6
42	Acute neonatal bilirubin encephalopathy in the State of Utah 2009–2018. <i>Blood Cells, Molecules, and Diseases</i> , 2018, 72, 10-13.	1.4	33
43	An Instructive Case of Transient Myeloproliferative Disorder. <i>Clinical Pediatrics</i> , 2017, 56, 288-289.	0.8	0
44	A patient with both methemoglobinemia and G6PD deficiency: A therapeutic conundrum. <i>American Journal of Hematology</i> , 2017, 92, 474-477.	4.1	11
45	Population Pharmacokinetics of Darbepoetin in Infants Following Single Intravenous and Subcutaneous Dosing. <i>Journal of Pharmaceutical Sciences</i> , 2017, 106, 1644-1649.	3.3	5
46	Two novel mutations in <i>TMPRSS6</i> associated with iron-refractory iron deficiency anemia in a mother and child. <i>Blood Cells, Molecules, and Diseases</i> , 2017, 65, 38-40.	1.4	13
47	A critical question for NEC researchers: Can we create a consensus definition of NEC that facilitates research progress?. <i>Seminars in Perinatology</i> , 2017, 41, 7-14.	2.5	60
48	Clinical utility of next-generation sequencing in the diagnosis of hereditary haemolytic anaemias. <i>British Journal of Haematology</i> , 2016, 174, 806-814.	2.5	71
49	Improved harmonization of eosinophil maleimide binding test across different instruments and age groups. <i>Cytometry Part B - Clinical Cytometry</i> , 2016, 90, 512-516.	1.5	8
50	Fetal and neonatal hematopoiesis. , 2016, , 516-527.		0
51	Siblings with severe pyruvate kinase deficiency and a complex genotype. <i>American Journal of Medical Genetics, Part A</i> , 2016, 170, 2449-2452.	1.2	8
52	Measuring End-Tidal Carbon Monoxide of Jaundiced Neonates in the Birth Hospital to Identify Those with Hemolysis. <i>Neonatology</i> , 2016, 109, 1-5.	2.0	35
53	Hemolysis in Preterm Neonates. <i>Clinics in Perinatology</i> , 2016, 43, 233-240.	2.1	15
54	Using a Next Generation Sequencing Panel to Discover the Obscure Causes of Hereditary Hemolytic Anemias. <i>Blood</i> , 2016, 128, 2433-2433.	1.4	1

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55	New and underutilized uses of umbilical cord blood in neonatal care. <i>Maternal Health, Neonatology and Perinatology</i> , 2015, 1, 16.	2.2	27
56	Increased hemolysis after administering intravenous immunoglobulin to a neonate with erythroblastosis fetalis due to Rh hemolytic disease. <i>Transfusion</i> , 2015, 55, 1365-1366.	1.6	6
57	Reference Intervals in Neonatal Hematology. <i>Clinics in Perinatology</i> , 2015, 42, 483-497.	2.1	75
58	A Pediatrician's Practical Guide to Diagnosing and Treating Hereditary Spherocytosis in Neonates. <i>Pediatrics</i> , 2015, 135, 1107-1114.	2.1	73
59	Hemolytic Disorders Causing Severe Neonatal Hyperbilirubinemia. <i>Clinics in Perinatology</i> , 2015, 42, 515-527.	2.1	32
60	The Expanding Evidence Base to Guide Neonatal Hematology and Transfusion Medicine Practice. <i>Clinics in Perinatology</i> , 2015, 42, xix-xx.	2.1	2
61	Darbepoetin administration to neonates undergoing cooling for encephalopathy: a safety and pharmacokinetic trial. <i>Pediatric Research</i> , 2015, 78, 315-322.	2.3	42
62	Red blood cell distribution width: reference intervals for neonates. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2015, 28, 883-888.	1.5	28
63	Thrombocytopenia in Small-for-Gestational-Age Infants. <i>Pediatrics</i> , 2015, 136, e361-e370.	2.1	37
64	Erythropoiesis Stimulating Agents Demonstrate Safety and Show Promise as Neuroprotective Agents in Neonates. <i>Journal of Pediatrics</i> , 2015, 167, 10-12.	1.8	15
65	Early-Onset Neutropenia in Small-for-Gestational-Age Infants. <i>Pediatrics</i> , 2015, 136, e1259-e1267.	2.1	49
66	Cognitive Outcomes of Preterm Infants Randomized to Darbepoetin, Erythropoietin, or Placebo. <i>Pediatrics</i> , 2014, 133, 1023-1030.	2.1	125
67	Reference intervals for common coagulation tests of preterm infants (CME). <i>Transfusion</i> , 2014, 54, 627-632.	1.6	79
68	Neonatal Hemolytic Jaundice: Morphologic Features of Erythrocytes That Will Help You Diagnose the Underlying Condition. <i>Neonatology</i> , 2014, 105, 243-249.	2.0	48
69	Association, among very-low-birthweight neonates, between red blood cell transfusions in the week after birth and severe intraventricular hemorrhage. <i>Transfusion</i> , 2014, 54, 104-108.	1.6	51
70	A Randomized, Masked, Placebo-Controlled Study of Darbepoetin Alfa in Preterm Infants. <i>Pediatrics</i> , 2013, 132, e119-e127.	2.1	87
71	A de novo T73I Mutation in PTPN11 in a Neonate with Severe and Prolonged Congenital Thrombocytopenia and Noonan Syndrome. <i>Neonatology</i> , 2013, 104, 1-5.	2.0	15
72	More clearly defining the risks of erythrocyte transfusion in the NICU. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2012, 25, 90-92.	1.5	13

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73	Associations Between "Early" Red Blood Cell Transfusion and Severe Intraventricular Hemorrhage, and Between "Late" Red Blood Cell Transfusion and Necrotizing Enterocolitis. <i>Seminars in Perinatology</i> , 2012, 36, 283-289.	2.5	35
74	Expected erythrocyte, platelet and neutrophil values for term and preterm neonates. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2012, 25, 77-79.	1.5	16
75	Among very "low" birth "weight" neonates is red blood cell transfusion an independent risk factor for subsequently developing a severe intraventricular hemorrhage?. <i>Transfusion</i> , 2011, 51, 1170-1178.	1.6	83
76	A low-sodium solution for airway care: results of a multicenter trial. <i>Respiratory Care</i> , 2010, 55, 1680-5.	1.6	5
77	The CBC: Reference Ranges for Neonates. <i>Seminars in Perinatology</i> , 2009, 33, 3-11.	2.5	145
78	Effect of Recombinant Stem Cell Factor on Clonogenic Maturation and Cycle Status of Human Fetal Hematopoietic Progenitors. <i>Pediatric Research</i> , 1994, 35, 303-306.	2.3	9
79	Production of Interleukin-6 by Fetal and Maternal Cells in Vivo during Intraamniotic Infection and in Vitro after Stimulation with Interleukin-1. <i>Pediatric Research</i> , 1991, 29, 1-4.	2.3	72
80	Recombinant Erythropoietin. <i>Pediatrics in Review</i> , 1991, 12, 244-248.	0.4	0
81	Congenital hypoplastic (Diamond-Blackfan) anemia in seven members of one kindred. <i>American Journal of Medical Genetics Part A</i> , 1990, 35, 251-256.	2.4	30
82	In Vivo Effect of Interleukin-6 on Cycling Status of Hematopoietic Progenitors from Adults and Neonates. <i>Pediatric Research</i> , 1990, 28, 323-326.	2.3	13
83	Effect of Erythropoietin on Granulocytopoiesis: In Vitro and in Vivo Studies in Weanling Rats. <i>Pediatric Research</i> , 1990, 27, 583-587.	2.3	25
84	Erythroid Colonies Derived from Fetal Blood Display Different Growth Patterns from those Derived from Adult Marrow. <i>Pediatric Research</i> , 1988, 24, 605-608.	2.3	24
85	The Effect of Administration of Immunoglobulin to Newborn Rats with Escherichia coli Sepsis and Meningitis. <i>Pediatric Research</i> , 1987, 22, 455-460.	2.3	27
86	Effect of Intravenous Immunoglobulin G on Neutrophil Kinetics During Experimental Group B Streptococcal Infection in Neonatal Rats. <i>Clinical Infectious Diseases</i> , 1986, 8, S401-S408.	5.8	31
87	Putative methods for prevention and treatment of neonatal septicemia. <i>Journal of Clinical Apheresis</i> , 1984, 2, 98-104.	1.3	1
88	Exchange transfusion as an alternative to granulocyte concentrate administration in neonates with bacterial sepsis and profound neutropenia. <i>Journal of Clinical Apheresis</i> , 1984, 2, 177-183.	1.3	13
89	Review: Deficiencies in the neutrophil system of newborn infants, and the use of leukocyte transfusions in the treatment of neonatal sepsis. <i>Journal of Clinical Apheresis</i> , 1982, 1, 33-41.	1.3	23