Jon F Watchko

List of Publications by Year
in descending order

90 papers	3,020 citations	186265 28 h-index	168389 53 g-index
92 all docs	92 docs citations	92 times ranked	2113 citing authors

#	Article	IF	Citations
1	Exchange transfusion in Rh haemolytic disease. Vox Sanguinis, 2022, 117, 146-146.	1.5	0
2	Neonatal hyperbilirubinemia and bilirubin neurotoxicity: what can be learned from the database analysis?. Pediatric Research, 2022, 92, 1204-1204.	2.3	3
3	Management of severe hyperbilirubinemia in the cholestatic neonate: a review and an approach. Journal of Perinatology, 2022, 42, 695-701.	2.0	4
4	Hemolytic Disease of the Fetus and Newborn. , 2021, , 133-154.		2
5	The Enigma of Preterm Late Hyperbilirubinemia Kernicterus in Japan. Neonatology, 2021, 118, 1-2.	2.0	0
6	TcB, FFR, phototherapy and the persistent occurrence of kernicterus spectrum disorder. Journal of Perinatology, 2020, 40, 177-179.	2.0	5
7	50 Years Ago in T J P. Journal of Pediatrics, 2020, 216, 108.	1.8	0
8	Maternal Instruction on Neonatal Jaundice: What Can we Learn from the Stop Kernicterus in Nigeria (SKIN) Experience?. Journal of Pediatrics, 2020, 221, 7-8.	1.8	3
9	Combating the Hidden Health Disparity of Kernicterus in Black Infants. JAMA Pediatrics, 2020, 174, 1199.	6.2	20
10	Improving postâ€discharge neonatal surveillance for the jaundiced newborn. Acta Paediatrica, International Journal of Paediatrics, 2020, 109, 872-873.	1.5	2
11	Avoiding Harm From Hyperbilirubinemia Screening. JAMA Pediatrics, 2019, 173, 1209.	6.2	1
12	Coordinating Care Across the Perinatal Continuum in Hemolytic Disease ofÂthe Fetus and Newborn: The Timely Handoff of a Positive Maternal Anti-Erythrocyte Antibody Screen. Journal of Pediatrics, 2019, 214, 212-216.	1.8	9
13	It is time to reconsider the risks of transfusing RhD negative females of childbearing potential with RhD positive red blood cells in bleeding emergencies. Transfusion, 2019, 59, 3794-3799.	1.6	60
14	Low bilirubin kernicterus in OTC deficiency. Neuropathology, 2018, 38, 110-110.	1.2	0
15	Identification of risk for neonatal haemolysis. Acta Paediatrica, International Journal of Paediatrics, 2018, 107, 1350-1356.	1.5	27
16	Treatment of Hyperbilirubinemia in Newborns. , 2018, , 1185-1206.		0
17	Emergency release uncross-matched packed red blood cells for immediate double volume exchange transfusion in neonates with intermediate to advanced acute bilirubin encephalopathy: timely but insufficient?. Journal of Perinatology, 2018, 38, 947-953.	2.0	4
18	Neonatal Indirect Hyperbilirubinemia and Kernicterus. , 2018, , 1198-1218.e5.		6

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19	Early Lipid Infusions and Unbound Bilirubin in Preterm Neonates: A Cause for Concern?. Journal of Pediatrics, 2017, 184, 6-7.	1.8	4
20	Prevalence of Hypoalbuminemia and Elevated Bilirubin/Albumin Ratios in a Large Cohort of Infants in the Neonatal Intensive Care Unit. Journal of Pediatrics, 2017, 188, 280-286.e4.	1.8	21
21	Conjunctival Icterus â€“ An Important but Neglected Sign of Clinically Relevant Hyperbilirubinemia in Jaundiced Neonates. Current Pediatric Reviews, 2017, 13, 169-175.	0.8	1
22	The Neurological Sequelae of Neonatal Hyperbilirubinemia: Definitions, Diagnosis and Treatment of the Kernicterus Spectrum Disorders (KSDs). Current Pediatric Reviews, 2017, 13, 199-209.	0.8	96
23	Maternal Empowerment â€“ an underutilized strategy to prevent kernicterus?. Current Pediatric Reviews, 2017, 13, 210-219.	0.8	12
24	Refractory Causes of Kernicterus in Developed Countries: Can We Eradicate G6PD Deficiency Triggered and Low-Bilirubin Kernicterus?. Current Pediatric Reviews, 2017, 13, 159-168.	0.8	7
25	A Hypothesis for Using Pathway Genetic Load Analysis for Understanding Complex Outcomes in Bilirubin Encephalopathy. Frontiers in Neuroscience, 2016, 10, 376.	2.8	14
26	Bilirubin-Induced Neurotoxicity in the Preterm Neonate. Clinics in Perinatology, 2016, 43, 297-311.	2.1	69
27	Treatment of Hyperbilirubinemia in Newborns. , 2016, , 1-22.		0
28	A Novel Perspective on the Biology of Bilirubin in Health and Disease. Trends in Molecular Medicine, 2016, 22, 758-768.	6.7	147
29	Measurement of Circulating Unbound Bilirubin: Will It Ever Be aÂPart of Routine Neonatal Care?. Journal of Pediatrics, 2016, 173, 6-7.	1.8	3
30	Magnetic Resonance Imaging Abnormalities in Advanced Acute Bilirubin Encephalopathy Highlight Dentato-Thalamo-Cortical Pathways. Journal of Pediatrics, 2016, 174, 260-263.	1.8	27
31	P-glycoprotein in the developing human bloodâ€“brain barrier. Pediatric Research, 2016, 79, 806-806.	2.3	2
32	Extreme Neonatal Hyperbilirubinemia: A View from Down Under. Journal of Pediatrics, 2016, 168, 7-9.	1.8	1
33	Are the neuromotor disabilities of bilirubin-induced neurologic dysfunction disorders related to the cerebellum and its connections?. Seminars in Fetal and Neonatal Medicine, 2015, 20, 47-51.	2.3	9
34	Common Hematologic Problems in the Newborn Nursery. Pediatric Clinics of North America, 2015, 62, 509-524.	1.8	18
35	Bilirubin Concentrations in Jaundiced Neonates with Conjunctival Icterus. Journal of Pediatrics, 2015, 167, 840-844.	1.8	15
36	Apnea in acute bilirubin encephalopathy. Seminars in Perinatology, 2014, 38, 407-411.	2.5	19

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37	The enigma of low bilirubin kernicterus in premature infants: Why does it still occur, and is it preventable?. Seminars in Perinatology, 2014, 38, 397-406.	2.5	53
38	50 Years Ago in The Journal of Pediatrics. Journal of Pediatrics, 2014, 165, 64.	1.8	2
39	Magnetic resonance imaging of bilirubin encephalopathy: Current limitations and future promise. Seminars in Perinatology, 2014, 38, 422-428.	2.5	73
40	Introduction. Seminars in Perinatology, 2014, 38, 395-396.	2.5	0
41	What Causes Increased Expression of VEGF and VEGF-R in a Case Report? Comment on: â€œNew Autopsy Findings in Different Brain Regions of a Preterm Neonate With Kernicterus: Neurovascular Alterations and Up-regulation ofÂEfflux Transportersâ€. Pediatric Neurology, 2014, 50, e17.	2.1	1
42	Need to clarify the cause of hemolysis in case report of newborn with clinically significant hemolytic disease and passive transfer of antiâ€‹<scp>D</scp> from maternal <scp>RhIG</scp>. Transfusion, 2014, 54, 3017-3018.	1.6	4
43	Quantitative ADC in bilirubin encephalopathy. Japanese Journal of Radiology, 2013, 31, 299-300.	2.4	3
44	Genetics and Pediatric Unconjugated Hyperbilirubinemia. Journal of Pediatrics, 2013, 162, 1092-1094.	1.8	8
45	Bilirubin-Induced Neurologic Damage â€" Mechanisms and Management Approaches. New England Journal of Medicine, 2013, 369, 2021-2030.	27.0	284
46	Lipid peroxidation is not the primary mechanism of bilirubin-induced neurologic dysfunction in jaundiced Gunn rat pups. Pediatric Research, 2012, 72, 455-459.	2.3	27
47	Treatment of Hyperbilirubinemia. , 2012, , 629-640.		0
48	Neonatal Indirect Hyperbilirubinemia and Kernicterus. , 2012, , 1123-1142.		7
49	Screening for Glucose-6-Phosphate Dehydrogenase Deficiency in Newbornsâ€"Practical Considerations. Journal of Pediatrics, 2012, 161, 179-180.	1.8	9
50	Hyperbilirubinemia in African American neonates: clinical issues and current challenges. Seminars in Fetal and Neonatal Medicine, 2010, 15, 176-182.	2.3	36
51	Exploring the genetic architecture of neonatal hyperbilirubinemia. Seminars in Fetal and Neonatal Medicine, 2010, 15, 169-175.	2.3	64
52	Enduring controversies in the management of hyperbilirubinemia in preterm neonates. Seminars in Fetal and Neonatal Medicine, 2010, 15, 136-140.	2.3	28
53	Hyperbilirubinemia in the Newborn Infant â‰¥35 Weeksâ€™ Gestation: An Update With Clarifications. Pediatrics, 2009, 124, 1193-1198.	2.1	415
54	Complex Multifactorial Nature of Significant Hyperbilirubinemia in Neonates. Pediatrics, 2009, 124, e868-e877.	2.1	66

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55	Identification of Neonates at Risk for Hazardous Hyperbilirubinemia: Emerging Clinical Insights. Pediatric Clinics of North America, 2009, 56, 671-687.	1.8	53
56	Coexpression of Gene Polymorphisms Involved in Bilirubin Production and Metabolism. Pediatrics, 2008, 122, e156-e162.	2.1	49
57	Hyperbilirubinemia and Bilirubin Toxicity in the Late Preterm Infant. Clinics in Perinatology, 2006, 33, 839-852.	2.1	77
58	Kernicterus and the Molecular Mechanisms of Bilirubin-Induced CNS Injury in Newborns. NeuroMolecular Medicine, 2006, 8, 513-530.	3.4	122
59	Sex-Specific Regional Brain Bilirubin Content in Hyperbilirubinemic Gunn Rat Pups. Neonatology, 2006, 90, 40-45.	2.0	18
60	Calculated In Vivo Free Bilirubin Levels in the Central Nervous System of Gunn Rat Pups. Pediatric Research, 2006, 60, 44-49.	2.3	28
61	Neonatal Hyperbilirubinemia â€" What Are the Risks?. New England Journal of Medicine, 2006, 354, 1947-1949.	27.0	24
62	Bilirubin Induced Apoptosis In Vitro: Insights for Kernicterus: Commentary on the article by HankÃ¸ et al. on page 179. Pediatric Research, 2005, 57, 177-178.	2.3	5
63	Vigintiphobia Revisited. Pediatrics, 2005, 115, 1747-1753.	2.1	45
64	Genetics and the Risk of Neonatal Hyperbilirubinemia: Commentary on the article by Huang et al. on page 682. Pediatric Research, 2004, 56, 677-678.	2.3	28
65	Understanding neonatal hyperbilirubinaemia in the era of genomics. Seminars in Fetal and Neonatal Medicine, 2002, 7, 143-152.	2.7	57
66	Functional characteristics of dystrophic skeletal muscle: insights from animal models. Journal of Applied Physiology, 2002, 93, 407-417.	2.5	94
67	Effect of chronic denervation and denervation-reinnervation on cytoplasmic creatine kinase transcript accumulation. Journal of Neurobiology, 2001, 47, 194-206.	3.6	10
68	P-Glycoprotein and Bilirubin Disposition. Journal of Perinatology, 2001, 21, S43-S47.	2.0	40
69	Recurrence of kernicterus in term and nearâ€term infants in Denmark. Acta Paediatrica, International Journal of Paediatrics, 2001, 90, 1080-1080.	1.5	108
70	Enhancement of Adult Muscle Regeneration by Primary Myoblast Transplantation. Cell Transplantation, 2000, 9, 369-377.	2.5	20
71	Myofibrillar or mitochondrial creatine kinase deficiency alone does not impair mouse diaphragm isotonic function. Journal of Applied Physiology, 2000, 88, 973-980.	2.5	17
72	Full Functional Rescue of a Complete Muscle (TA) in Dystrophic Hamsters by Adeno-Associated Virus Vector-Directed Gene Therapy. Journal of Virology, 2000, 74, 1436-1442.	3.4	97

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73	Recurrence of kernicterus in term and near-term infants in Denmark. Acta Paediatrica, International Journal of Paediatrics, 2000, 89, 1213-1217.	1.5	43
74	Alteration in myosatellite cell commitment with muscle maturation. , 1998, 211, 141-152.		9
75	Ventilatory failure during resistive loaded breathing in the newborn primate. , 1998, 26, 312-318.		4
76	Absence of myofibrillar creatine kinase and diaphragm isometric function during repetitive activation. Journal of Applied Physiology, 1998, 84, 1166-1173.	2.5	19
77	Brain Bilirubin Content Is Increased in P-Glycoprotein-Deficient Transgenic Null Mutant Mice. Pediatric Research, 1998, 44, 763-766.	2.3	74
78	Combined myofibrillar and mitochondrial creatine kinase deficiency impairs mouse diaphragm isotonic function. Journal of Applied Physiology, 1997, 82, 1416-1423.	2.5	34
79	Rat Diaphragm Oxidative Capcity, Antioxidant Enzymes, and Fatigue: Newborn versus Adult. Pediatric Research, 1997, 42, 60-65.	2.3	9
80	Creatine Kinase Activity in Rat Skeletal Muscle Relates to Myosin Phenotype during Development. Pediatric Research, 1996, 40, 53-58.	2.3	26
81	Ventilatory pump failure in premature newborns. Pediatric Pulmonology, 1994, 17, 231-233.	2.0	6
82	Prevalence and lack of clinical significance of blood group incompatibility in mothers with blood type A or B. Journal of Pediatrics, 1994, 125, 87-91.	1.8	61
83	Postnatal expression of myosin Isoforms in the genioglossus and diaphragm muscles.. Pediatric Pulmonology, 1993, 15, 212-219.	2.0	22
84	Regional Distribution of Myosin Heavy Chain Isoforms in Rib Cage Muscles as a Function of Postnatal Development. Pediatric Pulmonology, 1993, 16, 289-296.	2.0	5
85	NEONATAL SENSORINEURAL HEARING LOSS ASSOCIATED WITH FUROSEMIDE: A CASEâ€CONTROL STUDY. Developmental Medicine and Child Neurology, 1991, 33, 816-823.	2.1	48
86	External intercostal muscle activity during acute hypoxia in the kitten. Pediatric Pulmonology, 1990, 9, 233-237.	2.0	2
87	Measurements of pulmonary mechanics prior to the elective extubation of neonates. Pediatric Pulmonology, 1990, 9, 238-243.	2.0	63
88	Costal and crural diaphragm, and intercostal and genioglossal electromyogram activities during spontaneous augmented breaths (sighs) in kittens. Pediatric Pulmonology, 1989, 7, 94-100.	2.0	1
89	Genioglossal recruitment during acute hypoxia and hypercapnia in kittens. Pediatric Pulmonology, 1989, 7, 235-243.	2.0	6
90	Recruitment of intercostal muscle activity during hypercapnia in kittens. Pediatric Pulmonology, 1988, 5, 215-219.	2.0	5