

# Hasan Ozkan

## List of Publications by Citations

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109  
papers

2,518  
citations

25  
h-index

47  
g-index

112  
ext. papers

2,758  
ext. citations

3  
avg, IF

4.28  
L-index

#	Paper	IF	Citations
109	Protective effect of melatonin against head trauma-induced hippocampal damage and spatial memory deficits in immature rats. <i>Neuroscience Letters</i> , <b>2005</b> , 385, 234-9	3.3	600
108	Erythropoietin improves long-term spatial memory deficits and brain injury following neonatal hypoxia-ischemia in rats. <i>Behavioural Brain Research</i> , <b>2004</b> , 153, 77-86	3.4	159
107	Neuroprotective effect of erythropoietin on hypoxic-ischemic brain injury in neonatal rats. <i>Neonatology</i> , <b>2003</b> , 83, 224-8		127
106	Erythropoietin attenuates lipopolysaccharide-induced white matter injury in the neonatal rat brain. <i>Neonatology</i> , <b>2007</b> , 92, 269-78	4	83
105	Erythropoietin increases glutathione peroxidase enzyme activity and decreases lipid peroxidation levels in hypoxic-ischemic brain injury in neonatal rats. <i>Neonatology</i> , <b>2005</b> , 87, 15-8	4	83
104	Selective inhibition of nitric oxide in hypoxic-ischemic brain model in newborn rats: is it an explanation for the protective role of erythropoietin?. <i>Neonatology</i> , <b>2004</b> , 85, 51-4	4	62
103	Protective effects of erythropoietin against ethanol-induced apoptotic neurodegeneration and oxidative stress in the developing C57BL/6 mouse brain. <i>Developmental Brain Research</i> , <b>2005</b> , 160, 146-56		53
102	Erythropoietin in neonatal brain protection: the past, the present and the future. <i>Brain and Development</i> , <b>2011</b> , 33, 632-43	2.2	49
101	Longitudinal investigation of the relationship between breast milk leptin levels and growth in breast-fed infants. <i>Journal of Pediatric Endocrinology and Metabolism</i> , <b>2005</b> , 18, 181-7	1.6	49
100	Erythropoietin downregulates bax and DP5 proapoptotic gene expression in neonatal hypoxic-ischemic brain injury. <i>Neonatology</i> , <b>2006</b> , 89, 205-10	4	48
99	Effects of erythropoietin on hyperoxic lung injury in neonatal rats. <i>Pediatric Research</i> , <b>2005</b> , 58, 38-41	3.2	47
98	Incidence, risk factors and severity of retinopathy of prematurity in Turkey (TR-ROP study): a prospective, multicentre study in 69 neonatal intensive care units. <i>British Journal of Ophthalmology</i> , <b>2018</b> , 102, 1711-1716	5.5	43
97	Comparison of INTERGROWTH-21 and Fenton growth standards to assess size at birth and extrauterine growth in very preterm infants. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , <b>2018</b> , 31, 2252-2257	2	35
96	Impact of Volume Guarantee on High-Frequency Oscillatory Ventilation in Preterm Infants: A Randomized Crossover Clinical Trial. <i>Neonatology</i> , <b>2015</b> , 108, 277-82	4	34
95	Effect of retinoic acid on oxygen-induced lung injury in the newborn rat. <i>Pediatric Pulmonology</i> , <b>2005</b> , 39, 35-40	3.5	34
94	Bilirubin is cytotoxic to rat oligodendrocytes in vitro. <i>Brain Research</i> , <b>2003</b> , 985, 135-41	3.7	33
93	Neuroprotective effect of the peptides ADNF-9 and NAP on hypoxic-ischemic brain injury in neonatal rats. <i>Brain Research</i> , <b>2006</b> , 1115, 169-78	3.7	31

92	Transient tachypnea of the newborn: predictive factor for prolonged tachypnea. <i>Pediatrics International</i> , <b>2008</b> , 50, 81-4	1.2	30
91	Associations of IGF-I, IGFBP-1 and IGFBP-3 on intrauterine growth and early catch-up growth. <i>Neonatology</i> , <b>1999</b> , 76, 274-82	4	30
90	Assessment of clinical impact and predisposing factors for neonatal thrombocytopenia. <i>Indian Journal of Pediatrics</i> , <b>1994</b> , 61, 551-8	3	30
89	Spontaneous intestinal perforation after oral ibuprofen treatment of patent ductus arteriosus in two very-low-birthweight infants. <i>Acta Paediatrica, International Journal of Paediatrics</i> , <b>2004</b> , 93, 999-1001 <sup>3,1</sup>	3.1	29
88	Genetic basis of apnoea of prematurity and caffeine treatment response: role of adenosine receptor polymorphisms: genetic basis of apnoea of prematurity. <i>Acta Paediatrica, International Journal of Paediatrics</i> , <b>2012</b> , 101, e299-303	3.1	28
87	Maternal omega-3 fatty acid supplementation protects against lipopolysaccharide-induced white matter injury in the neonatal rat brain. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , <b>2012</b> , 25, 849-54 <sup>2</sup>	3.1	28
86	The effect of melatonin on endotoxemia-induced intestinal apoptosis and oxidative stress in infant rats. <i>Intensive Care Medicine</i> , <b>2007</b> , 33, 511-6	14.5	28
85	Prolonged unconjugated hyperbilirubinaemia associated with the haem oxygenase-1 gene promoter polymorphism. <i>Acta Paediatrica, International Journal of Paediatrics</i> , <b>2010</b> , 99, 679-683	3.1	25
84	Effects of activated protein C on neonatal hypoxic ischemic brain injury. <i>Brain Research</i> , <b>2008</b> , 1210, 56-62 <sup>7</sup>	3.7	25
83	Erythropoietin protects against necrotizing enterocolitis of newborn rats by the inhibiting nitric oxide formation. <i>Neonatology</i> , <b>2003</b> , 84, 325-9	4	25
82	Activated protein C reduces endotoxin-induced white matter injury in the developing rat brain. <i>Brain Research</i> , <b>2007</b> , 1164, 14-23	3.7	24
81	Breast milk jaundice: effect of bacteria present in breast milk and infant feces. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , <b>2013</b> , 56, 328-32	2.8	22
80	Impact of volume guarantee on synchronized ventilation in preterm infants: a randomized controlled trial. <i>Intensive Care Medicine</i> , <b>2012</b> , 38, 1358-64	14.5	21
79	Breast milk jaundice correlates with high levels of epidermal growth factor. <i>Pediatric Research</i> , <b>2009</b> , 66, 218-21	3.2	21
78	Beta-lactam antibiotic resistance in aerobic commensal fecal flora of newborns. <i>Pediatrics International</i> , <b>2005</b> , 47, 267-73	1.2	21
77	Scrotal hematoma due to neonatal adrenal hemorrhage. <i>Pediatrics International</i> , <b>2004</b> , 46, 360-2	1.2	20
76	Breast milk versus infant formulas: effects on intestinal blood flow in neonates. <i>Indian Journal of Pediatrics</i> , <b>1994</b> , 61, 703-9	3	20
75	Neuroprotective effect of neotrofin in a neonatal rat model of periventricular leukomalacia. <i>Neuroscience Letters</i> , <b>2012</b> , 520, 6-10	3.3	18

74	Acute trichinellosis in children compared with adults. <i>Pediatric Infectious Disease Journal</i> , <b>2005</b> , 24, 897-900	3.0	18
73	Milk kinship hypothesis in light of epigenetic knowledge. <i>Clinical Epigenetics</i> , <b>2012</b> , 4, 14	7.7	17
72	Lipopolysaccharide-preconditioning protects against endotoxin-induced white matter injury in the neonatal rat brain. <i>Brain Research</i> , <b>2012</b> , 1489, 81-9	3.7	17
71	Effects of sociodemographic factors on febrile convulsion prevalence. <i>Pediatrics International</i> , <b>2008</b> , 50, 216-20	1.2	17
70	Cord blood ischemia-modified albumin: is it associated with abnormal Doppler findings in complicated pregnancies and predictive of perinatal asphyxia?. <i>Journal of Obstetrics and Gynaecology Research</i> , <b>2013</b> , 39, 663-71	1.9	16
69	Maternal prenatal omega-3 fatty acid supplementation attenuates hyperoxia-induced apoptosis in the developing rat brain. <i>International Journal of Developmental Neuroscience</i> , <b>2012</b> , 30, 315-23	2.7	16
68	An unusual cutaneous lesion as the presenting sign of spinal dysraphism in a preterm infant. <i>Pediatric Dermatology</i> , <b>2004</b> , 21, 664-6	1.9	15
67	Protective effects of methylxanthines on hypoxia-induced apoptotic neurodegeneration and long-term cognitive functions in the developing rat brain. <i>Neonatology</i> , <b>2010</b> , 98, 128-36	4	14
66	Hyperbilirubinemic serum is cytotoxic and induces apoptosis in murine astrocytes. <i>Neonatology</i> , <b>2005</b> , 87, 99-104	4	14
65	Acrodermatitis enteropathica with <i>Pseudomonas aeruginosa</i> sepsis. <i>Pediatric Dermatology</i> , <b>1999</b> , 16, 444-7	1.9	14
64	Multiple-dose activated charcoal in an accidental vancomycin overdose. <i>Journal of Toxicology: Clinical Toxicology</i> , <b>1996</b> , 34, 83-6		14
63	Role of epigenetic regulatory mechanisms in neonatal hypoxic-ischemic brain injury. <i>Early Human Development</i> , <b>2013</b> , 89, 165-73	2.2	13
62	Perianal necrotizing fasciitis in a neonate. <i>Indian Journal of Pediatrics</i> , <b>1997</b> , 64, 116-8	3	13
61	A case of rhesus hemolytic disease with hemophagocytosis and severe iron overload due to multiple transfusions. <i>Journal of Pediatric Hematology/Oncology</i> , <b>2006</b> , 28, 290-2	1.2	13
60	Turkish Neonatal Society guideline on the management of respiratory distress syndrome and surfactant treatment. <i>Turk Pediatri Arsivi</i> , <b>2018</b> , 53, S45-S54	0.7	13
59	Effects of neutrofin on neonatal hypoxic ischemic brain injury. <i>Neuroscience Letters</i> , <b>2011</b> , 505, 205-10	3.3	12
58	Randomized, controlled trial of early intravenous nutrition for prevention of neonatal jaundice in term and near-term neonates. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , <b>2007</b> , 44, 354-8	2.8	12
57	Polyethylene skin wrapping accelerates recovery from hypothermia in very low-birthweight infants. <i>Pediatrics International</i> , <b>2006</b> , 48, 29-32	1.2	12

56	Activated protein C reduces intestinal injury in an experimental model of necrotizing enterocolitis. <i>Journal of Pediatric Surgery</i> , <b>2010</b> , 45, 483-9	2.6	11
55	Urinary nitrite excretion in low birth weight neonates with systemic inflammatory response syndrome. <i>Neonatology</i> , <b>1997</b> , 71, 362-6	4	11
54	Chorioangiomas presenting with severe anemia and heart failure in a newborn. <i>Fetal Diagnosis and Therapy</i> , <b>2008</b> , 23, 5-6	2.4	11
53	Volume Guarantee High-Frequency Oscillatory Ventilation in Preterm Infants With RDS: Tidal Volume and DCO Levels for Optimal Ventilation Using Open-Lung Strategies. <i>Frontiers in Pediatrics</i> , <b>2020</b> , 8, 105	3.4	10
52	Protective effects of pentoxifylline on lipopolysaccharide-induced white matter injury in a rat model of periventricular leukomalacia. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , <b>2013</b> , 26, 1865-71	2	10
51	Is gastric aspiration needed for newborn management in delivery room?. <i>Resuscitation</i> , <b>2011</b> , 82, 40-4	4	10
50	Task-based learning programme for clinical years of medical education. <i>Education for Health: Change in Learning and Practice</i> , <b>2006</b> , 19, 32-42	0.4	10
49	Nasal intermittent positive pressure ventilation with or without very early surfactant therapy for the primary treatment of respiratory distress syndrome. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , <b>2016</b> , 29, 252-7	2	9
48	Neonatal outcome of fetuses receiving intrauterine transfusion for severe hydrops complicated by Rhesus hemolytic disease. <i>International Journal of Gynecology and Obstetrics</i> , <b>2012</b> , 117, 153-6	4	9
47	Maternal psychosocial aspects in hypernatremic dehydration with high sodium concentrations in breast milk: a case-control study. <i>Journal of Paediatrics and Child Health</i> , <b>2008</b> , 44, 38-43	1.3	9
46	Development and behavior of non-handicapped preterm children from a developing country. <i>Pediatrics International</i> , <b>2005</b> , 47, 532-40	1.2	9
45	Hypertrichosis following measles immunization. <i>Pediatric Dermatology</i> , <b>2001</b> , 18, 457-8	1.9	9
44	Effect of induced hypothermia on lipopolysaccharide-induced lung injury in neonatal rats. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , <b>2014</b> , 27, 421-9	2	8
43	Relationship between serum unconjugated bilirubin levels and the autofluorescence of white blood cells in neonatal jaundice. <i>Neonatology</i> , <b>1995</b> , 68, 100-3	4	8
42	Is European Medicines Agency (EMA) sepsis criteria accurate for neonatal sepsis diagnosis or do we need new criteria?. <i>PLoS ONE</i> , <b>2019</b> , 14, e0218002	3.7	7
41	Feasibility of neonatal hearing screening program with two-stage transient otoacoustic emissions in Turkey. <i>Pediatrics International</i> , <b>2007</b> , 49, 161-6	1.2	7
40	Epigenetic Programming Through Breast Milk and Its Impact on Milk-Siblings Mating. <i>Frontiers in Genetics</i> , <b>2020</b> , 11, 569232	4.5	7
39	Intranasal surfactant protein D as neuroprotective rescue in a neonatal rat model of periventricular leukomalacia. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , <b>2017</b> , 30, 446-451	2	5

38	Endotracheal Surfactant Combined With Budesonide for Neonatal ARDS. <i>Frontiers in Pediatrics</i> , <b>2020</b> , 8, 210	3.4	5
37	Effect of leptin treatment on neonatal hypoxic-ischemic brain injury. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , <b>2012</b> , 25, 141-6	2	5
36	Role of epigenetic regulatory mechanisms in neonatal hypoxic-ischemic brain injury. <i>Medical Hypotheses</i> , <b>2009</b> , 72, 692-3	3.8	5
35	Postnatal weight velocity patterns in very low birthweight infants. <i>Indian Journal of Pediatrics</i> , <b>1997</b> , 64, 383-8	3	5
34	Clarithromycin, montelukast, and pentoxifylline combination treatment ameliorates experimental neonatal hyperoxic lung injury. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , <b>2008</b> , 21, 407-13	2	5
33	Bacillus Calmette-Guerin vaccination: a novel therapeutic approach to preventing hyperoxic lung injury. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , <b>2015</b> , 28, 1950-6	2	4
32	White matter protection by erythropoietin: an emerging matter in the treatment of neonatal hypoxic-ischemic brain injury. <i>Stroke</i> , <b>2010</b> , 41, e595; author reply e596	6.7	4
31	Problem-based learning: an educational strategy for interactive learning: experience from Universiti Sains Malaysia. <i>Medical Teacher</i> , <b>2004</b> , 26, 279	3	4
30	Renal tubular dysgenesis and multiple intestinal perforation. <i>Pediatric and Developmental Pathology</i> , <b>2003</b> , 6, 96-8	2.2	4
29	Effects of maternal folic acid supplementation on airway remodeling and allergic airway disease development. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , <b>2019</b> , 32, 2970-2978	2	4
28	Comparison of isotonic and hypotonic intravenous fluids in term newborns: is it time to quit hypotonic fluids. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , <b>2020</b> , 1-6	2	3
27	The relationship between glucagon-like peptide 2 and feeding intolerance in preterm infants. <i>Journal of Tropical Pediatrics</i> , <b>2009</b> , 55, 276-7	1.2	3
26	Synchronized ventilation of very-low-birth-weight infants; report of 6 years' experience. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , <b>2004</b> , 15, 261-5	2	3
25	Cholelithiasis in cervico-oculo-acoustic (Wildervanck's) syndrome. <i>Acta Paediatrica, International Journal of Paediatrics</i> , <b>1993</b> , 82, 890-1	3.1	3
24	Safety concerns with the clinical use of erythropoietin in acute ischemic stroke. <i>Stroke</i> , <b>2010</b> , 41, e469	6.7	2
23	The relationship of neonatal subclinical electrographic seizures to neurodevelopmental outcome at 1 year of age. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , <b>2009</b> , 22, 584-8	2	2
22	Circadian genes: mystery underlying the physiopathology of infantile colic. <i>Medical Hypotheses</i> , <b>2009</b> , 72, 103-4	3.8	2
21	Can curry protect the brain from bilirubin toxicity?. <i>Medical Hypotheses</i> , <b>2009</b> , 72, 757-8	3.8	2

20	Increased sleep tendency in jaundiced infants: role of endogenous CO. <i>Medical Hypotheses</i> , <b>2008</b> , 71, 879-80	3.8	2
19	Erythroid apoptosis in idiopathic neonatal jaundice. <i>Pediatrics</i> , <b>2008</b> , 121, e1348-51	7.4	2
18	Detection and clinical evaluation of antineutrophil antibodies in neonates who had a blood transfusion or exchange transfusion. <i>Pediatrics International</i> , <b>2005</b> , 47, 518-22	1.2	2
17	The effects of perinatal steroid therapy on growth factor levels during different stages of the developing brain. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , <b>2017</b> , 30, 1820-1828	2	1
16	Milk-borne epidermal growth factor modulates bilirubin levels in neonatal rats. <i>Clinical Nutrition Experimental</i> , <b>2015</b> , 3, 1-7	2	1
15	Dermal bilirubin kinetics during phototherapy in term neonates. <i>Journal of Perinatal Medicine</i> , <b>2019</b> , 47, 680-681	2.7	1
14	Urinary enzyme changes in newborns with unconjugated hyperbilirubinemia. <i>Pediatrics International</i> , <b>1997</b> , 39, 201-4	1.2	1
13	Efficacy of leucocyte filters during transfusions in preventing the development of anti-HLA antibodies. <i>Indian Journal of Pediatrics</i> , <b>1998</b> , 65, 729-34	3	1
12	Induced hypothermia as a new approach to bronchopulmonary dysplasia. <i>Medical Hypotheses</i> , <b>2008</b> , 71, 617-8	3.8	1
11	Acridine-orange test in neonates with nosocomial pneumonia. <i>Intensive Care Medicine</i> , <b>2004</b> , 30, 729	14.5	1
10	Maternal preeclampsia and jitteriness in preterm infants. <i>Pediatrics International</i> , <b>1999</b> , 41, 557-560	1.2	1
9	The effect of phototherapy on total phospholipid levels of red cell membrane in jaundiced neonates. <i>Indian Journal of Pediatrics</i> , <b>1993</b> , 60, 600-2	3	1
8	Maternal preeclampsia and jitteriness in preterm infants. <i>Pediatrics International</i> , <b>1999</b> , 41, 557-560	1.2	1
7	Intracranial hemorrhage and hematuria in a neonate associated with heavy maternal smoking. <i>Turkish Journal of Pediatrics</i> , <b>2003</b> , 45, 71-3	0.7	1
6	Plasma transforming growth factor beta1 levels in thrombocytopenic and nonthrombocytopenic neonates. <i>Neonatology</i> , <b>2003</b> , 84, 206-13	4	
5	Urinary nitrite excretion after prophylactic intravenous immunoglobulin in premature infants. <i>Neonatology</i> , <b>2000</b> , 77, 101-4	4	
4	Prophylactic Fucose can Alleviate Lipopolysaccharide-Induced Cholestatic Liver Injury in Neonatal Rats. <i>Journal of Pediatric Infectious Diseases</i> , <b>2019</b> , 14, 253-259	0.4	
3	Current factors affecting the risk of omphalitis in newborns: A prospective case-control study. <i>International Journal of Clinical Practice</i> , <b>2021</b> , 75, e14071	2.9	

2 Response to the letter regarding fluid therapy in term newborns. *Journal of Maternal-Fetal and Neonatal Medicine*, **2021**, 1-2

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1 An unusual case of monosomy 18p: minor malformations with speech delay. *Turkish Journal of Pediatrics*, **2005**, 47, 199-201

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