

Michael J Stark

List of Publications by Year in descending order

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53
papers

1,348
citations

279798

23
h-index

361022

35
g-index

56
all docs

56
docs citations

56
times ranked

1952
citing authors

#	ARTICLE	IF	CITATIONS
1	Docosahexaenoic Acid and Bronchopulmonary Dysplasia in Preterm Infants. <i>New England Journal of Medicine</i> , 2017, 376, 1245-1255.	27.0	135
2	Sex-specific alterations in placental 11 β -hydroxysteroid dehydrogenase 2 activity and early postnatal clinical course following antenatal betamethasone. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2009, 297, R510-R514.	1.8	131
3	Plasma cytokines and markers of endothelial activation increase after packed red blood cell transfusion in the preterm infant. <i>Pediatric Research</i> , 2013, 73, 75-79.	2.3	76
4	Neonates Born to Mothers With Preeclampsia Exhibit Sex-Specific Alterations in Microvascular Function. <i>Pediatric Research</i> , 2009, 65, 291-295.	2.3	72
5	Early Cerebral Oxygen Extraction and the Risk of Death or Sonographic Brain Injury in Very Preterm Infants. <i>Journal of Pediatrics</i> , 2014, 164, 475-480.e1.	1.8	58
6	Intrapartum sonography for fetal head asynclitism and transverse position: sonographic signs and comparison of diagnostic performance between transvaginal and digital examination. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2012, 25, 508-512.	1.5	56
7	Alterations in the Maternal Peripheral Microvascular Response in Pregnancies Complicated by Preeclampsia and the Impact of Fetal Sex. <i>Journal of the Society for Gynecologic Investigation</i> , 2006, 13, 573-578.	1.7	55
8	Child neurodevelopmental outcomes following preterm and term birth: What can the placenta tell us?. <i>Placenta</i> , 2017, 57, 79-86.	1.5	50
9	A protocol for developing, disseminating, and implementing a core outcome set for pre-eclampsia. <i>Pregnancy Hypertension</i> , 2016, 6, 274-278.	1.4	48
10	Perinatal outcomes following maternal asthma and cigarette smoking during pregnancy. <i>European Respiratory Journal</i> , 2014, 43, 704-716.	6.7	46
11	Fetal Glucocorticoid-regulated Pathways Are Not Affected by Inhaled Corticosteroid Use for Asthma during Pregnancy. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2011, 183, 716-722.	5.6	44
12	Does non-transferrin bound iron contribute to transfusion related immune-modulation in preterms?. <i>Archives of Disease in Childhood: Fetal and Neonatal Edition</i> , 2013, 98, F424-F429.	2.8	42
13	The contribution of red blood cell transfusion to neonatal morbidity and mortality. <i>Journal of Paediatrics and Child Health</i> , 2019, 55, 387-392.	0.8	39
14	Intrauterine inflammation, cerebral oxygen consumption and susceptibility to early brain injury in very preterm newborns. <i>Archives of Disease in Childhood: Fetal and Neonatal Edition</i> , 2016, 101, F137-F142.	2.8	38
15	Changes in human placental 5 α -reductase isoenzyme expression with advancing gestation: effects of fetal sex and glucocorticoid exposure. <i>Reproduction, Fertility and Development</i> , 2009, 21, 599.	0.4	36
16	Targeting Toll-like receptor 4 to tackle preterm birth and fetal inflammatory injury. <i>Clinical and Translational Immunology</i> , 2020, 9, e1121.	3.8	32
17	Effects of antenatal magnesium sulfate treatment for neonatal neuro-protection on cerebral oxygen kinetics. <i>Pediatric Research</i> , 2015, 78, 310-314.	2.3	31
18	Interventions for managing asthma in pregnancy. <i>The Cochrane Library</i> , 2014, 2014, CD010660.	2.8	29

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19	Prenatal programming of the innate immune response following <i>in utero</i> exposure to inflammation: a sexually dimorphic process?. <i>Expert Review of Clinical Immunology</i> , 2011, 7, 579-592.	3.0	28
20	A Theoretical and Practical Approach to Defining "Adequate Oxygenation" in the Preterm Newborn. <i>Pediatrics</i> , 2017, 139, .	2.1	28
21	Carbon Monoxide is a Significant Mediator of Cardiovascular Status Following Preterm Birth. <i>Pediatrics</i> , 2009, 124, 277-284.	2.1	27
22	The impact of Aboriginal status, cigarette smoking and smoking cessation on perinatal outcomes in South Australia. <i>Medical Journal of Australia</i> , 2014, 201, 274-278.	1.7	27
23	The influence of sex and antenatal betamethasone exposure on vasoconstrictors and the preterm microvasculature. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2011, 24, 1215-1220.	1.5	25
24	A multi-centre, open label, randomised, parallel-group, superiority Trial to compare the efficacy of Ursodeoxycholic acid with Rifampicin in the management of women with severe early onset Intrahepatic Cholestasis of pregnancy: the TURRIFIC randomised trial. <i>BMC Pregnancy and Childbirth</i> , 2021, 21, 51.	2.4	21
25	The Effect of Increasing the Protein Content of Human Milk Fortifier to 1.8 g/100 mL on Growth in Preterm Infants: A Randomised Controlled Trial. <i>Nutrients</i> , 2018, 10, 634.	4.1	14
26	Methodological decisions influence the identification of potential core outcomes in studies related to pre-eclampsia: An analysis informing the development of recommendations for future core outcome set developers. <i>BJOG: an International Journal of Obstetrics and Gynaecology</i> , 2019, 126, 1482-1490.	2.3	14
27	Differential effects of docosahexaenoic acid on preterm and term placental pro-oxidant/antioxidant balance. <i>Reproduction</i> , 2013, 146, 243-251.	2.6	13
28	International, multicentre, observational study of fluid bolus therapy in neonates. <i>Journal of Paediatrics and Child Health</i> , 2019, 55, 632-639.	0.8	13
29	Anaemia in the Premature Infant and Red Blood Cell Transfusion: New Approaches to an Age-Old Problem. <i>Current Treatment Options in Pediatrics</i> , 2015, 1, 191-201.	0.6	11
30	Supraglottic airway devices for administration of surfactant to newborn infants with respiratory distress syndrome: a narrative review. <i>Archives of Disease in Childhood: Fetal and Neonatal Edition</i> , 2021, 106, 336-341.	2.8	11
31	Effect of repeat transfusion exposure on plasma cytokine and markers of endothelial activation in the extremely preterm neonate. <i>Transfusion</i> , 2020, 60, 2217-2224.	1.6	10
32	Antenatal steroid exposure in the late preterm period is associated with reduced cord blood neurotrophin-3. <i>Early Human Development</i> , 2016, 101, 57-62.	1.8	9
33	Standardising definitions for the pre-eclampsia core outcome set: A consensus development study. <i>Pregnancy Hypertension</i> , 2020, 21, 208-217.	1.4	9
34	Effect of washed versus unwashed red blood cells on transfusion-related immune responses in preterm newborns. <i>Clinical and Translational Immunology</i> , 2022, 11, e1377.	3.8	9
35	Patterns of placental antimicrobial resistance in preterm birth before 30 completed weeks gestation complicated by preterm prelabour rupture of membranes. <i>Australian and New Zealand Journal of Obstetrics and Gynaecology</i> , 2020, 60, 509-513.	1.0	8
36	Characterization of the Transient Deficiency of PKC Isozyme Levels in Immature Cord Blood T Cells and Its Connection to Anti-Allergic Cytokine Profiles of the Matured Cells. <i>International Journal of Molecular Sciences</i> , 2021, 22, 12650.	4.1	8

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37	Effect of co-infusion of dextrose-containing solutions on red blood cell haemolysis during packed red cell transfusion. Archives of Disease in Childhood: Fetal and Neonatal Edition, 2012, 97, F62-F64.	2.8	7
38	Implications of vaginal instrumental delivery for children's school achievement: A population-based linked administrative data study. Australian and New Zealand Journal of Obstetrics and Gynaecology, 2019, 59, 677-683.	1.0	6
39	Washed versus unwashed red blood cells for transfusion for the prevention of morbidity and mortality in preterm infants. The Cochrane Library, 2016, 2016, CD011484.	2.8	5
40	High binding site occupancy of corticosteroid-binding globulin by progesterone increases fetal free cortisol concentrations. European Journal of Obstetrics, Gynecology and Reproductive Biology, 2020, 251, 129-135.	1.1	5
41	Feasibility and accuracy of cord blood sampling for admission laboratory investigations: A pilot trial. Journal of Paediatrics and Child Health, 2021, 57, 611-617.	0.8	4
42	Determining the venous oxygen reservoir: A novel, hypothetical approach to titration of supplemental oxygen in preterm newborns. Medical Hypotheses, 2018, 112, 30-34.	1.5	2
43	Cord clamping in term and preterm infants: how should clinicians proceed?. Medical Journal of Australia, 2018, 208, 330-331.	1.7	2
44	On the Gendering of Plasma: What is Transfusion-Related Acute Lung Injury to Bronchopulmonary Dysplasia?. Journal of Pediatrics, 2018, 201, 12-13.	1.8	2
45	Does umbilical cord blood glucose extraction discriminate the risk of early neonatal hypoglycaemia in at-risk newborns?. Journal of Paediatrics and Child Health, 2019, 55, 1476-1480.	0.8	2
46	<p>Perindopril in Breast Milk and Determination of Breastfed Infant Exposure: A Prospective Observational Study</p>. Drug Design, Development and Therapy, 2020, Volume 14, 961-967.	4.3	2
47	Assessment of the Microcirculation in the Neonate. , 2012, , 215-234.		2
48	Non-invasively Measured Venous Oxygen Saturation as Early Marker of Impaired Oxygen Delivery in Preterm Neonates. Frontiers in Pediatrics, 2022, 10, 834045.	1.9	2
49	Cold case reopened: the missing human inflammatory cytokine response to transfusion. Transfusion, 2013, 53, 1620-1621.	1.6	1
50	The impact of maternal asthma during pregnancy on offspring retinal microvascular structure and its relationship to placental growth factor production in utero. Microcirculation, 2020, 27, e12622.	1.8	1
51	Parent concerns for child development following admission to neonatal intensive or special care: From birth to adolescence. Journal of Paediatrics and Child Health, 2022, 58, 1539-1547.	0.8	1
52	Regional cluster of vanishing gastroschisis: A comparative study of antenatal and postnatal outcomes. Journal of Paediatrics and Child Health, 2020, 56, 420-425.	0.8	0
53	Standardised antenatal antibiotic regimens and neonatal sepsis"Are we certain we have it right?. Australian and New Zealand Journal of Obstetrics and Gynaecology, 2020, 60, E4.	1.0	0