

Per Olofsson

List of Publications by Year in descending order

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Version: 2024-02-01

50
papers

1,343
citations

430442

18
h-index

344852

36
g-index

50
all docs

50
docs citations

50
times ranked

1460
citing authors

#	ARTICLE	IF	CITATIONS
1	Cardiotocography only versus cardiotocography plus ST analysis of fetal electrocardiogram for intrapartum fetal monitoring: a Swedish randomised controlled trial. <i>Lancet, The</i> , 2001, 358, 534-538.	6.3	374
2	Digital Photoplethysmography for Assessment of Arterial Stiffness: Repeatability and Comparison with Applanation Tonometry. <i>PLoS ONE</i> , 2015, 10, e0135659.	1.1	85
3	Fetal Exposure to Perfluorinated Compounds and Attention Deficit Hyperactivity Disorder in Childhood. <i>PLoS ONE</i> , 2014, 9, e95891.	1.1	69
4	Relation between umbilical cord blood pH, base deficit, lactate, 5-minute Apgar score and development of hypoxic ischemic encephalopathy. <i>Acta Obstetrica Et Gynecologica Scandinavica</i> , 2010, 89, 1263-1269.	1.3	68
5	Base deficit estimation in umbilical cord blood is influenced by gestational age, choice of fetal fluid compartment, and algorithm for calculation. <i>American Journal of Obstetrics and Gynecology</i> , 2006, 195, 1651-1656.	0.7	57
6	Cotinine Validation of Self-Reported Smoking During Pregnancy in the Swedish Medical Birth Register. <i>Nicotine and Tobacco Research</i> , 2016, 18, ntv087.	1.4	49
7	Swedish randomized controlled trial of cardiotocography only versus cardiotocography plus ST analysis of fetal electrocardiogram revisited: analysis of data according to standard versus modified intention-to-treat principle. <i>Acta Obstetrica Et Gynecologica Scandinavica</i> , 2011, 90, 990-996.	1.3	46
8	Acute centralization of blood flow in compromised human fetuses evoked by uterine contractions. <i>Early Human Development</i> , 2006, 82, 747-752.	0.8	43
9	A critical appraisal of the evidence for using cardiotocography plus <sc>ECG ST</sc> interval analysis for fetal surveillance in labor. Part <sc>II</sc>: the meta-analysis. <i>Acta Obstetrica Et Gynecologica Scandinavica</i> , 2014, 93, 571-586.	1.3	41
10	Manganese and selenium concentrations in umbilical cord serum and attention deficit hyperactivity disorder in childhood. <i>Environmental Research</i> , 2015, 137, 373-381.	3.7	40
11	Protein S100B in umbilical cord blood as a potential biomarker of hypoxic-ischemic encephalopathy in asphyxiated newborns. <i>Early Human Development</i> , 2017, 112, 48-53.	0.8	35
12	Vitamin D Status at Birth and Future Risk of Attention Deficit/Hyperactivity Disorder (ADHD). <i>PLoS ONE</i> , 2015, 10, e0140164.	1.1	32
13	Physiological development of a mixed metabolic and respiratory umbilical cord blood acidemia with advancing gestational age. <i>Early Human Development</i> , 2006, 82, 583-589.	0.8	31
14	Gestational age-dependent reference values for pH in umbilical cord arterial blood at term. <i>Obstetrics and Gynecology</i> , 2003, 102, 338-345.	1.2	30
15	Acute increase of umbilical artery vascular flow resistance in compromised fetuses provoked by uterine contractions. <i>Early Human Development</i> , 2003, 74, 47-56.	0.8	27
16	Gestational Age-Dependent Reference Values for pH in Umbilical Cord Arterial Blood at Term. <i>Obstetrics and Gynecology</i> , 2003, 102, 338-345.	1.2	23
17	An overlooked aspect on metabolic acidosis at birth: Blood gas analyzers calculate base deficit differently. <i>Acta Obstetrica Et Gynecologica Scandinavica</i> , 2012, 91, 574-579.	1.3	23
18	A critical appraisal of the evidence for using cardiotocography plus <sc>ECG ST</sc> interval analysis for fetal surveillance in labor. Part I: the randomized controlled trials. <i>Acta Obstetrica Et Gynecologica Scandinavica</i> , 2014, 93, 556-568.	1.3	22

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19	Current status of intrapartum fetal monitoring: cardiotocography versus cardiotocography + ST analysis of the fetal ECG. <i>European Journal of Obstetrics, Gynecology and Reproductive Biology</i> , 2003, 110, S113-S118.	0.5	17
20	Effects of oxytocin and anaesthesia on vascular tone in pregnant women: a randomised double-blind placebo-controlled study using non-invasive pulse wave analysis. <i>BMC Pregnancy and Childbirth</i> , 2018, 18, 453.	0.9	17
21	Umbilical cord blood concentrations of ubiquitin carboxy-terminal hydrolase L1 (UCH-L1) and glial fibrillary acidic protein (GFAP) in neonates developing hypoxic-ischemic encephalopathy. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2016, 29, 1-7.	0.7	16
22	New <scp>FIGO</scp> and Swedish intrapartum cardiotocography classification systems incorporated in the fetal <scp>ECG ST</scp> analysis (<scp>STAN</scp>) interpretation algorithm: agreements and discrepancies in cardiotocography classification and evaluation of significant <scp>ST</scp> events. <i>Acta Obstetrica Et Gynecologica Scandinavica</i> , 2018, 97, 219-228.	1.3	16
23	Gestational age-related reference values for Apgar score and umbilical cord arterial and venous <scp>pH</scp> in preterm and term newborns. <i>Acta Obstetrica Et Gynecologica Scandinavica</i> , 2019, 98, 1618-1623.	1.3	16
24	Fetal and maternal temperatures during labor and delivery: a prospective descriptive study. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2018, 31, 1533-1541.	0.7	15
25	Restrained cerebral hyperperfusion in response to superimposed acute hypoxemia in growth-restricted human fetuses with established brain-sparing blood flow. <i>Early Human Development</i> , 2006, 82, 211-216.	0.8	14
26	Lack of association between Doppler velocimetry and synthesis of prostacyclin and thromboxane in umbilical cord vessels from growth retarded fetuses. <i>Acta Obstetrica Et Gynecologica Scandinavica</i> , 1995, 74, 103-108.	1.3	13
27	Identifying newborns with umbilical cord blood metabolic acidosis by intrapartum cardiotocography combined with fetal ECG ST analysis (STAN): comparison of the new and old FIGO systems to classify cardiotocograms. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2020, 33, 404-409.	0.7	13
28	A comparison between conventional and 24-hour automatic blood pressure monitoring in hypertensive pregnancy. <i>Acta Obstetrica Et Gynecologica Scandinavica</i> , 1995, 74, 429-433.	1.3	11
29	Fetal hemoglobin in umbilical cord blood in preeclamptic and normotensive pregnancies: A cross-sectional comparative study. <i>PLoS ONE</i> , 2017, 12, e0176697.	1.1	11
30	Intracerebral regional distribution of blood flow in response to uterine contractions in growth-restricted human fetuses. <i>Early Human Development</i> , 2007, 83, 607-612.	0.8	9
31	Relations between fetal brain-sparing circulation, oxytocin challenge test, mode of delivery and fetal outcome in growth-restricted term fetuses. <i>Acta Obstetrica Et Gynecologica Scandinavica</i> , 2011, 90, 227-230.	1.3	9
32	Pulse wave analysis by digital photoplethysmography to record maternal hemodynamic effects of spinal anesthesia, delivery of the baby, and intravenous oxytocin during cesarean section. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2017, 30, 759-766.	0.7	9
33	How mathematics warp biology: round-off of umbilical cord blood gas case value decimals distorts calculation of metabolic acidosis at birth. <i>Acta Obstetrica Et Gynecologica Scandinavica</i> , 2012, 91, 39-43.	1.3	7
34	Determination of base excess in umbilical cord blood at birth: accessory or excess?. <i>American Journal of Obstetrics and Gynecology</i> , 2015, 213, 259-261.	0.7	7
35	Arterial stiffness during controlled ovarian hyperstimulation and early pregnancy in women exposed to assisted reproduction. <i>Hypertension in Pregnancy</i> , 2018, 37, 182-191.	0.5	6
36	Arterio-venous blood gas \hat{p} values for validation of umbilical cord blood samples at birth are not only biased by sample mix ups but also affected by clinical factors. <i>Acta Obstetrica Et Gynecologica Scandinavica</i> , 2019, 98, 167-175.	1.3	6

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37	The prospects for vaginal delivery in gestations beyond 43 weeks. <i>Acta Obstetrica Et Gynecologica Scandinavica</i> , 1996, 75, 645-650.	1.3	4
38	Belittling of a significant decline in neonatal metabolic acidosis rate achieved by <scp>STAN</scp> monitoring. <i>Acta Obstetrica Et Gynecologica Scandinavica</i> , 2016, 95, 604-605.	1.3	4
39	Time to reconsider: Have the 2015 FIGO and 2017 Swedish intrapartum cardiotocogram classifications led us from Charybdis to Scylla?. <i>Acta Obstetrica Et Gynecologica Scandinavica</i> , 2021, 100, 1549-1556.	1.3	4
40	Cardiotocography and ST analysis for intrapartum fetal monitoring. <i>Acta Obstetrica Et Gynecologica Scandinavica</i> , 2012, 91, 519-519.	1.3	3
41	Association between uterine artery Doppler blood flow changes and arterial wall elasticity in pregnant women. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2017, 30, 2309-2314.	0.7	3
42	The small-for-gestational-age fetus has an intact ability to develop lacticemia when exposed to hypoxia: a retrospective comparative register study. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2018, 31, 1290-1297.	0.7	3
43	Assessment of lactate production as a response to sustained intrapartum hypoxia in large-for-gestational-age newborns. <i>Acta Obstetrica Et Gynecologica Scandinavica</i> , 2018, 97, 1267-1273.	1.3	3
44	New score indicating placental vascular resistance. <i>Acta Obstetrica Et Gynecologica Scandinavica</i> , 2003, 82, 807-812.	1.3	3
45	Feto-Maternal Circulatory Changes Related to Placenta Morphology in Diabetes Mellitus. <i>Echocardiography</i> , 1990, 7, 613-618.	0.3	2
46	Continuous monitoring of fetal scalp temperature in labor: a new technology validated in a fetal lamb model. <i>Acta Obstetrica Et Gynecologica Scandinavica</i> , 2010, 89, 807-812.	1.3	2
47	Opening of the abdomen ad modum Joel Cohen, Joel-Cohen, Joel Joel-Cohen, or just Cohen?. <i>Acta Obstetrica Et Gynecologica Scandinavica</i> , 2015, 94, 224-225.	1.3	2
48	On the evidence for intrapartum fetal monitoring with <scp>ECG</scp>-<scp>ST</scp> analysis. <i>Acta Obstetrica Et Gynecologica Scandinavica</i> , 2015, 94, 117-118.	1.3	1
49	Can flavonoid-rich chocolate modulate arterial elasticity and pathological uterine artery Doppler blood flow in pregnant women? A pilot study. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2018, 31, 2293-2298.	0.7	1
50	Prospect for vaginal delivery of growth restricted fetuses with abnormal umbilical artery blood flow. <i>Acta Obstetrica Et Gynecologica Scandinavica</i> , 2003, 82, 828-833.	1.3	1