

Silvia M Lobmaier

List of Publications by Year in descending order

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Version: 2024-02-01

50
papers

621
citations

623734

14
h-index

642732

23
g-index

55
all docs

55
docs citations

55
times ranked

799
citing authors

#	ARTICLE	IF	CITATIONS
1	Angiogenic factors <i>vs</i> Doppler surveillance in the prediction of adverse outcome among late-pregnancy small-for-gestational-age fetuses. <i>Ultrasound in Obstetrics and Gynecology</i> , 2014, 43, 533-540.	1.7	55
2	Average acceleration and deceleration capacity of fetal heart rate in normal pregnancy and in pregnancies complicated by fetal growth restriction. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2012, 25, 2517-2522.	1.5	51
3	Fetal cerebral Doppler changes and outcome in late preterm fetal growth restriction: prospective cohort study. <i>Ultrasound in Obstetrics and Gynecology</i> , 2020, 56, 173-181.	1.7	47
4	Phase-rectified signal averaging as a new method for surveillance of growth restricted fetuses. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2012, 25, 2523-2528.	1.5	41
5	Chorioamniotic membrane separation after fetoscopy in monochorionic twin pregnancy: incidence and impact on perinatal outcome. <i>Ultrasound in Obstetrics and Gynecology</i> , 2016, 47, 345-349.	1.7	41
6	Influence of equipment and settings on myocardial performance index repeatability and definition of settings to achieve optimal reproducibility. <i>Ultrasound in Obstetrics and Gynecology</i> , 2014, 43, 632-639.	1.7	33
7	Non-invasive biomarkers of fetal brain development reflecting prenatal stress: An integrative multi-scale multi-species perspective on data collection and analysis. <i>Neuroscience and Biobehavioral Reviews</i> , 2020, 117, 165-183.	6.1	31
8	Fetal heart rate variability responsiveness to maternal stress, non-invasively detected from maternal transabdominal ECG. <i>Archives of Gynecology and Obstetrics</i> , 2020, 301, 405-414.	1.7	26
9	Phase-rectified signal averaging method to predict perinatal outcome in infants with very preterm fetal growth restriction- a secondary analysis of TRUFFLE-trial. <i>American Journal of Obstetrics and Gynecology</i> , 2016, 215, 630.e1-630.e7.	1.3	24
10	Heart rate variability categories of fluctuation amplitude and complexity: diagnostic markers of fetal development and its disturbances. <i>Physiological Measurement</i> , 2019, 40, 064002.	2.1	20
11	Detection of maternal and fetal stress from the electrocardiogram with self-supervised representation learning. <i>Scientific Reports</i> , 2021, 11, 24146.	3.3	17
12	Rate and Outcomes of Pulmonary Stenosis and Functional Pulmonary Atresia in Recipient Twins with Twin-Twin Transfusion Syndrome. <i>Fetal Diagnosis and Therapy</i> , 2017, 41, 191-196.	1.4	16
13	Fetal cardiac time intervals in healthy pregnancies – an observational study by fetal ECG (Monica) TJ ETQq1 1 0.784314 rgBT /Overl 1.4 16	1.4	16
14	Intrapartum PRSA: a new method to predict fetal acidosis? – a case-control study. <i>Archives of Gynecology and Obstetrics</i> , 2020, 301, 137-142.	1.7	16
15	Role of sFlt-1/PlGF ratio and feto-maternal Doppler for the prediction of adverse perinatal outcome in late-onset pre-eclampsia. <i>Archives of Gynecology and Obstetrics</i> , 2020, 301, 375-385.	1.7	15
16	Longitudinal annular displacement by M-mode (MAPSE and TAPSE) in twin-twin transfusion syndrome before and after laser surgery. <i>Prenatal Diagnosis</i> , 2015, 35, 1197-1201.	2.3	13
17	Maternal fetal stress and DNA methylation signatures in neonatal saliva: an epigenome-wide association study. <i>Clinical Epigenetics</i> , 2022, 14, .	4.1	13
18	sFlt-1/PlGF ratio for the prediction of the time of delivery. <i>Archives of Gynecology and Obstetrics</i> , 2018, 298, 567-577.	1.7	11

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19	Early Biomarkers and Intervention Programs for the Infant Exposed to Prenatal Stress. <i>Current Neuropharmacology</i> , 2022, 20, 94-106.	2.9	11
20	Influence of gestational diabetes on fetal autonomic nervous system: a study using phase-averaged signal averaging analysis. <i>Ultrasound in Obstetrics and Gynecology</i> , 2018, 52, 347-351.	1.7	10
21	Role of sFlt-1/PIGF ratio and uterine Doppler in pregnancies with chronic kidney disease suspected with Pre-eclampsia or HELLP syndrome. <i>Pregnancy Hypertension</i> , 2020, 22, 160-166.	1.4	10
22	Fetal cerebral blood flow redistribution: analysis of Doppler reference charts and association of different thresholds with adverse perinatal outcome. <i>Ultrasound in Obstetrics and Gynecology</i> , 2021, 58, 705-715.	1.7	10
23	Prediction of adverse perinatal outcome and the mean time until delivery in twin pregnancies with suspected pre-eclampsia using sFlt-1/PIGF ratio. <i>Pregnancy Hypertension</i> , 2021, 24, 37-43.	1.4	10
24	Differential Changes in Myocardial Performance Index and Its Time Intervals in Donors and Recipients of Twin-to-Twin Transfusion Syndrome before and after Laser Therapy. <i>Fetal Diagnosis and Therapy</i> , 2018, 44, 305-310.	1.4	8
25	Placental gene expression and antibody levels of mother-neonate pairs reveal an enhanced risk for inflammation in a helminth endemic country. <i>Scientific Reports</i> , 2019, 9, 15776.	3.3	8
26	Gestational Diabetes: Physical Activity Before Pregnancy and Its Influence on the Cardiovascular System. <i>Frontiers in Pediatrics</i> , 2020, 8, 465.	1.9	6
27	Can fetal heart rate variability obtained from cardiotocography provide the same diagnostic value like from electrophysiological interbeat intervals?. <i>Physiological Measurement</i> , 2021, 42, 015006.	2.1	6
28	Left myocardial performance index in monozygotic diamniotic twin pairs complicated by selective fetal growth restriction with abnormal umbilical artery Doppler. <i>Prenatal Diagnosis</i> , 2021, 41, 1504-1509.	2.3	6
29	Spine surgery in pregnant women: a multicenter case series and proposition of treatment algorithm. <i>European Spine Journal</i> , 2021, 30, 809-817.	2.2	5
30	Longitudinal progression of fetal short-term variation and average acceleration and deceleration capacity after antenatal maternal betamethasone application. <i>European Journal of Obstetrics, Gynecology and Reproductive Biology</i> , 2017, 212, 85-90.	1.1	4
31	Performance of computerized cardiotocography-based short-term variation in late-onset small-for-gestational-age fetuses and reference ranges for the late third trimester. <i>Archives of Gynecology and Obstetrics</i> , 2019, 299, 353-360.	1.7	4
32	Perinatal Outcome and its Prediction Using Longitudinal Feto-Maternal Doppler Follow-Up in Late Onset Small for Gestational Age Fetuses – A Prospective Cohort Study. <i>Ultraschall in Der Medizin</i> , 2023, 44, e108-e117.	1.5	4
33	Myocardial deformation analysis in late-onset small-for-gestational-age and growth-restricted fetuses using two-dimensional speckle tracking echocardiography: a prospective cohort study. <i>Journal of Perinatal Medicine</i> , 2021, .	1.4	4
34	Cardiovascular outcome of former late-onset small-for-gestational-age children at 1 year of age: CURIOSA study. <i>Archives of Gynecology and Obstetrics</i> , 2022, 306, 1455-1461.	1.7	4
35	Prenatally Diagnosed Isolated Coronary Arterial Fistula Leading to Severe Complications at Birth. <i>Case Reports in Cardiology</i> , 2018, 2018, 1-3.	0.2	3
36	Application of the INTERGROWTH-21st chart compared to customized growth charts in fetuses with left heart obstruction: late trimester biometry, cerebroplacental hemodynamics and perinatal outcome. <i>Archives of Gynecology and Obstetrics</i> , 2019, 300, 601-613.	1.7	3

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37	Influence of Different Methods of Intrapartum Analgesia on the Progress of Labour and on Perinatal Outcome. <i>Geburtshilfe Und Frauenheilkunde</i> , 2019, 79, 389-395.	1.8	3
38	Prognostic Value of Cerebroplacental Ratio in Appropriate-for-Gestational-Age Fetuses Before Induction of Labor in Late-Term Pregnancies. <i>Ultraschall in Der Medizin</i> , 2023, 44, 50-55.	1.5	3
39	Does gestational age at term play a role in the association between cerebroplacental ratio and operative delivery for intrapartum fetal compromise?. <i>Acta Obstetricia Et Gynecologica Scandinavica</i> , 2021, 100, 1910-1916.	2.8	3
40	Longitudinal Doppler Assessments in Late Preterm Fetal Growth Restriction. <i>Ultraschall in Der Medizin</i> , 2023, 44, 56-67.	1.5	3
41	Prenatal stress perturbs fetal iron homeostasis in a sex specific manner. <i>Scientific Reports</i> , 2022, 12, .	3.3	2
42	Interdisciplinary Peripartum Management of Acute Respiratory Distress Syndrome with Extracorporeal Membrane Oxygenation â€” a Case Report and Literature Review. <i>Geburtshilfe Und Frauenheilkunde</i> , 2016, 76, 273-276.	1.8	1
43	Fetal growth restriction in a cohort of migrants in Germany. <i>BMC Pregnancy and Childbirth</i> , 2021, 21, 145.	2.4	1
44	Performance of sFlt-1/PIGF Ratio for the Prediction of Perinatal Outcome in Obese Pre-Eclamptic Women. <i>Journal of Clinical Medicine</i> , 2022, 11, 3023.	2.4	1
45	Value of Cerebroplacental Ratio and Uterine Artery Doppler as Predictors of Adverse Perinatal Outcome in Very Small for Gestational Age at Term Fetuses. <i>Journal of Clinical Medicine</i> , 2022, 11, 3852.	2.4	1
46	Heart Rate Changes and Autonomic Nervous System in Fetal Growth Restriction. , 2018, , 178-182.		0
47	Fetale Wachstumsrestriktion (FGR). , 2014, , 1-36.		0
48	Fetale Wachstumsrestriktion (FGR). , 2016, , 341-365.		0
49	Hepatitis E, Schistosomiasis and Echinococcosisâ€™Prevalence in a Cohort of Pregnant Migrants in Germany and Their Influence on Fetal Growth Restriction. <i>Pathogens</i> , 2022, 11, 58.	2.8	0
50	Impact of Preoperative Cervical Length on Pregnancy Outcome in Twin-Twin Transfusion Syndrome. <i>Zeitschrift Fur Geburtshilfe Und Neonatologie</i> , 2022, , .	0.4	0