

# 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

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times ranked

799  
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	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
3	Longitudinal Doppler Assessments in Late Preterm Fetal Growth Restriction. <i>Ultraschall in Der Medizin</i> , 2023, 44, 56-67.	1.5	3
4	Early Biomarkers and Intervention Programs for the Infant Exposed to Prenatal Stress. <i>Current Neuropharmacology</i> , 2022, 20, 94-106.	2.9	11
5	Hepatitis E, Schistosomiasis and Echinococcosis – 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
6	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
7	Impact of Preoperative Cervical Length on Pregnancy Outcome in Twin-Twin Transfusion Syndrome. <i>Zeitschrift Fur Geburtshilfe Und Neonatologie</i> , 2022, , .	0.4	0
8	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
9	Prenatal stress perturbs fetal iron homeostasis in a sex specific manner. <i>Scientific Reports</i> , 2022, 12, .	3.3	2
10	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
11	Maternal fetal stress and DNA methylation signatures in neonatal saliva: an epigenome-wide association study. <i>Clinical Epigenetics</i> , 2022, 14, .	4.1	13
12	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
13	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
14	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
15	Fetal growth restriction in a cohort of migrants in Germany. <i>BMC Pregnancy and Childbirth</i> , 2021, 21, 145.	2.4	1
16	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
17	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
18	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

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19	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
20	Detection of maternal and fetal stress from the electrocardiogram with self-supervised representation learning. <i>Scientific Reports</i> , 2021, 11, 24146.	3.3	17
21	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
22	Intrapartum PRSA: a new method to predict fetal acidosis?â€”a case-control study. <i>Archives of Gynecology and Obstetrics</i> , 2020, 301, 137-142.	1.7	16
23	Role of sFlt-1/PlGF ratio and fetomaternal 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
24	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
25	Role of sFlt-1/PlGF 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
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	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
28	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
29	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
30	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
31	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
32	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
33	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
34	Fetal cardiac time intervals in healthy pregnancies â€” an observational study by fetal ECG (Monica) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	1.4	16
35	Influence of gestational diabetes on fetal autonomic nervous system: a study using phase-rectified signal-averaging analysis. <i>Ultrasound in Obstetrics and Gynecology</i> , 2018, 52, 347-351.	1.7	10
36	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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37	Prenatally Diagnosed Isolated Coronary Arterial Fistula Leading to Severe Complications at Birth. Case Reports in Cardiology, 2018, 2018, 1-3.	0.2	3
38	Heart Rate Changes and Autonomic Nervous System in Fetal Growth Restriction. , 2018, , 178-182.		0
39	Longitudinal progression of fetal short-term variation and average acceleration and deceleration capacity after antenatal maternal betamethasone application. European Journal of Obstetrics, Gynecology and Reproductive Biology, 2017, 212, 85-90.	1.1	4
40	Rate and Outcomes of Pulmonary Stenosis and Functional Pulmonary Atresia in Recipient Twins with Twin-Twin Transfusion Syndrome. Fetal Diagnosis and Therapy, 2017, 41, 191-196.	1.4	16
41	Phase-rectified signal averaging method to predict perinatal outcome in infants with very preterm fetal growth restriction- a secondary analysis of TRUFFLE-trial. American Journal of Obstetrics and Gynecology, 2016, 215, 630.e1-630.e7.	1.3	24
42	Chorioamniotic membrane separation after fetoscopy in monozygotic twin pregnancy: incidence and impact on perinatal outcome. Ultrasound in Obstetrics and Gynecology, 2016, 47, 345-349.	1.7	41
43	Interdisciplinary Peripartum Management of Acute Respiratory Distress Syndrome with Extracorporeal Membrane Oxygenation â€“ a Case Report and Literature Review. Geburtshilfe Und Frauenheilkunde, 2016, 76, 273-276.	1.8	1
44	Fetale Wachstumsrestriktion (FGR). , 2016, , 341-365.		0
45	Longitudinal annular displacement by Mâ€mode (MAPSE and TAPSE) in twinâ€twin transfusion syndrome before and after laser surgery. Prenatal Diagnosis, 2015, 35, 1197-1201.	2.3	13
46	Angiogenic factors <i>vs</i> Doppler surveillance in the prediction of adverse outcome among lateâ€pregnancy smallâ€forâ€gestationalâ€age fetuses. Ultrasound in Obstetrics and Gynecology, 2014, 43, 533-540.	1.7	55
47	Influence of equipment and settings on myocardial performance index repeatability and definition of settings to achieve optimal reproducibility. Ultrasound in Obstetrics and Gynecology, 2014, 43, 632-639.	1.7	33
48	Fetale Wachstumsrestriktion (FGR). , 2014, , 1-36.		0
49	Average acceleration and deceleration capacity of fetal heart rate in normal pregnancy and in pregnancies complicated by fetal growth restriction. Journal of Maternal-Fetal and Neonatal Medicine, 2012, 25, 2517-2522.	1.5	51
50	Phase-rectified signal averaging as a new method for surveillance of growth restricted fetuses. Journal of Maternal-Fetal and Neonatal Medicine, 2012, 25, 2523-2528.	1.5	41