

Stefan Verlohren

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

83

papers

4,076

citations

31

h-index

63

g-index

101

ext. papers

4,830

ext. citations

5

avg, IF

5.1

L-index

#	Paper	IF	Citations
83	Predictive Value of the sFlt-1:PlGF Ratio in Women with Suspected Preeclampsia. <i>New England Journal of Medicine</i> , 2016 , 374, 13-22	59.2	761
82	Angiogenic factors and the risk of adverse outcomes in women with suspected preeclampsia. <i>Circulation</i> , 2012 , 125, 911-9	16.7	411
81	An automated method for the determination of the sFlt-1/PlGF ratio in the assessment of preeclampsia. <i>American Journal of Obstetrics and Gynecology</i> , 2010 , 202, 161.e1-161.e11	6.4	277
80	The sFlt-1/PlGF ratio in different types of hypertensive pregnancy disorders and its prognostic potential in preeclamptic patients. <i>American Journal of Obstetrics and Gynecology</i> , 2012 , 206, 58.e1-8	6.4	251
79	Visceral periadventitial adipose tissue regulates arterial tone of mesenteric arteries. <i>Hypertension</i> , 2004 , 44, 271-6	8.5	226
78	New gestational phase-specific cutoff values for the use of the soluble fms-like tyrosine kinase-1/placental growth factor ratio as a diagnostic test for preeclampsia. <i>Hypertension</i> , 2014 , 63, 346-52	8.5	199
77	Implementation of the sFlt-1/PlGF ratio for prediction and diagnosis of pre-eclampsia in singleton pregnancy: implications for clinical practice. <i>Ultrasound in Obstetrics and Gynecology</i> , 2015 , 45, 241-6	5.8	148
76	Angiogenic growth factors in the diagnosis and prediction of pre-eclampsia. <i>Clinical Science</i> , 2012 , 122, 43-52	6.5	109
75	Clinical characterization and outcomes of preeclampsia with normal angiogenic profile. <i>Hypertension in Pregnancy</i> , 2013 , 32, 189-201	2	106
74	Hypoxia induces dilated cardiomyopathy in the chick embryo: mechanism, intervention, and long-term consequences. <i>PLoS ONE</i> , 2009 , 4, e5155	3.7	95
73	Prevalence of agonistic autoantibodies against the angiotensin II type 1 receptor and soluble fms-like tyrosine kinase 1 in a gestational age-matched case study. <i>Hypertension</i> , 2009 , 53, 393-8	8.5	78
72	Potential relevance of alpha(1)-adrenergic receptor autoantibodies in refractory hypertension. <i>PLoS ONE</i> , 2008 , 3, e3742	3.7	74
71	Uterine artery Doppler, birth weight and timing of onset of pre-eclampsia: providing insights into the dual etiology of late-onset pre-eclampsia. <i>Ultrasound in Obstetrics and Gynecology</i> , 2014 , 44, 293-8	5.8	73
70	Circulating angiogenic factors and risk of adverse maternal and perinatal outcomes in twin pregnancies with suspected preeclampsia. <i>Hypertension</i> , 2012 , 60, 451-8	8.5	69
69	Uterine vascular function in a transgenic preeclampsia rat model. <i>Hypertension</i> , 2008 , 51, 547-53	8.5	69
68	Characterization of the soluble fms-like tyrosine kinase-1 to placental growth factor ratio in pregnancies complicated by fetal growth restriction. <i>Obstetrics and Gynecology</i> , 2014 , 124, 265-273	4.9	63
67	Inhibition of trophoblast-induced spiral artery remodeling reduces placental perfusion in rat pregnancy. <i>Hypertension</i> , 2010 , 56, 304-10	8.5	60

66	Update on the Diagnosis and Prognosis of Preeclampsia with the Aid of the sFlt-1/PlGF Ratio in Singleton Pregnancies. <i>Fetal Diagnosis and Therapy</i> , 2018 , 43, 81-89	2.4	57
65	Soluble fms-like tyrosine kinase-1 to placental growth factor ratio: ruling out pre-eclampsia for up to 4 weeks and value of retesting. <i>Ultrasound in Obstetrics and Gynecology</i> , 2019 , 53, 367-375	5.8	54
64	Effects of circulating and local uteroplacental angiotensin II in rat pregnancy. <i>Hypertension</i> , 2010 , 56, 311-8	8.5	54
63	Endovascular trophoblast invasion, spiral artery remodelling and uteroplacental haemodynamics in a transgenic rat model of pre-eclampsia. <i>Placenta</i> , 2008 , 29, 614-23	3.4	51
62	The importance of repeated measurements of the sFlt-1/PlGF ratio for the prediction of preeclampsia and intrauterine growth restriction. <i>Journal of Perinatal Medicine</i> , 2014 , 42, 61-8	2.7	48
61	Cytochrome P450 subfamily 2J polypeptide 2 expression and circulating epoxyeicosatrienoic metabolites in preeclampsia. <i>Circulation</i> , 2012 , 126, 2990-9	16.7	48
60	Update on the pathophysiological implications and clinical role of angiogenic factors in pregnancy. <i>Fetal Diagnosis and Therapy</i> , 2015 , 37, 81-92	2.4	47
59	Immunology in hypertension, preeclampsia, and target-organ damage. <i>Hypertension</i> , 2009 , 54, 439-43	8.5	47
58	Soluble fms-Like Tyrosine Kinase-1-to-Placental Growth Factor Ratio and Time to Delivery in Women With Suspected Preeclampsia. <i>Obstetrics and Gynecology</i> , 2016 , 128, 261-269	4.9	46
57	Angiogenic Markers and Cardiovascular Indices in the Prediction of Hypertensive Disorders of Pregnancy. <i>Hypertension</i> , 2017 , 69, 1192-1197	8.5	42
56	Maternal serum sFlt-1/PlGF ratio in twin pregnancies with and without pre-eclampsia in comparison with singleton pregnancies. <i>Ultrasound in Obstetrics and Gynecology</i> , 2015 , 45, 286-93	5.8	41
55	Soluble vascular endothelial growth factor receptor-1 (sFLT-1) mediates downregulation of FLT-1 and prevents activated neutrophils from women with preeclampsia from additional migration by VEGF. <i>Circulation Research</i> , 2005 , 97, 1253-61	15.7	35
54	Changes in endovascular trophoblast invasion and spiral artery remodelling at term in a transgenic preeclamptic rat model. <i>Placenta</i> , 2010 , 31, 320-6	3.4	33
53	A comparison of the diagnostic utility of the sFlt-1/PlGF ratio versus PlGF alone for the detection of preeclampsia/HELLP syndrome. <i>Hypertension in Pregnancy</i> , 2016 , 35, 295-305	2	32
52	Placental lesions of vascular insufficiency are associated with anti-angiogenic state in women with preeclampsia. <i>Hypertension in Pregnancy</i> , 2014 , 33, 427-39	2	28
51	Placental expression of sFlt-1 and PlGF in early preeclampsia vs. early IUGR vs. age-matched healthy pregnancies. <i>Hypertension in Pregnancy</i> , 2017 , 36, 151-160	2	27
50	Trophoblasts reduce the vascular smooth muscle cell proatherogenic response. <i>Hypertension</i> , 2008 , 51, 554-9	8.5	26
49	Modeling risk for severe adverse outcomes using angiogenic factor measurements in women with suspected preterm preeclampsia. <i>Prenatal Diagnosis</i> , 2015 , 35, 386-93	3.2	25

48	Automated measurement of sFlt1, PlGF and sFlt1/PlGF ratio in differential diagnosis of hypertensive pregnancy disorders. <i>Hypertension in Pregnancy</i> , 2013 , 32, 459-73	2	24
47	Prediction of Preeclampsia-Related Adverse Outcomes With the sFlt-1 (Soluble fms-Like Tyrosine Kinase 1)/PlGF (Placental Growth Factor)-Ratio in the Clinical Routine: A Real-World Study. <i>Hypertension</i> , 2021 , 77, 461-471	8.5	22
46	SLC41A1 is the only magnesium responsive gene significantly overexpressed in placentas of preeclamptic women. <i>Hypertension in Pregnancy</i> , 2013 , 32, 378-89	2	20
45	The sFlt-1:PlGF Ratio in Women with Suspected Preeclampsia. <i>New England Journal of Medicine</i> , 2016 , 374, 1785-6	59.2	20
44	Antiangiogenic factors and maternal hemodynamics during intensive hemodialysis in pregnancy. <i>Hemodialysis International</i> , 2013 , 17, 639-43	1.7	16
43	Statins Reverse Postpartum Cardiovascular Dysfunction in a Rat Model of Preeclampsia. <i>Hypertension</i> , 2020 , 75, 202-210	8.5	16
42	From first-trimester screening to risk stratification of evolving pre-eclampsia in second and third trimesters of pregnancy: comprehensive approach. <i>Ultrasound in Obstetrics and Gynecology</i> , 2020 , 55, 5-12	5.8	13
41	Diagnosis of preeclampsia and fetal growth restriction with the sFlt-1/PlGF ratio: Diagnostic accuracy of the automated immunoassay Kryptor®. <i>Pregnancy Hypertension</i> , 2017 , 8, 31-36	2.6	12
40	Increased placental sFlt-1 but unchanged PlGF expression in late-onset preeclampsia. <i>Hypertension in Pregnancy</i> , 2017 , 36, 175-185	2	12
39	Natural Killer Cell Reduction and Uteroplacental Vasculopathy. <i>Hypertension</i> , 2016 , 68, 964-73	8.5	12
38	The diagnostic value of angiogenic and antiangiogenic factors in differential diagnosis of preeclampsia. <i>American Journal of Obstetrics and Gynecology</i> , 2020 ,	6.4	12
37	Soluble B7-H4 blood serum levels are elevated in women at high risk for preeclampsia in the first trimester, as well as in patients with confirmed preeclampsia. <i>American Journal of Reproductive Immunology</i> , 2018 , 80, e12988	3.8	7
36	L13. The routine measurement of the sFlt1/PlGF ratio allows differential diagnosis of hypertensive pregnancy disorders and has prognostic potential in preeclamptic patients. <i>Pregnancy Hypertension</i> , 2011 , 1, 245-6	2.6	6
35	Clinical interpretation and implementation of the sFlt-1/PlGF ratio in the prediction, diagnosis and management of preeclampsia.. <i>Pregnancy Hypertension</i> , 2021 , 27, 42-50	2.6	6
34	A literature review and best practice advice for second and third trimester risk stratification, monitoring, and management of pre-eclampsia: Compiled by the Pregnancy and Non-Communicable Diseases Committee of FIGO (the International Federation of Gynecology and Obstetrics). <i>International Journal of Gynecology and Obstetrics</i> , 2021 , 154 Suppl 1, 3-31	4	6
33	Pre-eclampsia is primarily a placental disorder: FOR: Pre-eclampsia is primarily a placental disorder. <i>BJOG: an International Journal of Obstetrics and Gynaecology</i> , 2017 , 124, 1762	3.7	5
32	Kagami-Ogata syndrome: an important differential diagnosis to Beckwith-Wiedemann syndrome. <i>Journal of Clinical Ultrasound</i> , 2020 , 48, 240-243	1	5
31	Predictive Value of the sFlt-1. <i>Obstetrical and Gynecological Survey</i> , 2016 , 71, 273-274	2.4	4

30	Re: Rational and irrational ratios. <i>Ultrasound in Obstetrics and Gynecology</i> , 2017 , 49, 157-158	5.8	3
29	Präeklampsie und hypertensive Schwangerschaftserkrankungen. <i>Frauenheilkunde Up2date</i> , 2009 , 3, 461-472	4.7	2
28	Short Term Prediction of Preeclampsia. <i>Maternal-Fetal Medicine</i> , 2021 , 3, 107-115	0.6	2
27	Gestational Age-Specific Reference Ranges for the sFlt-1/PlGF Immunoassay Ratio in Twin Pregnancies. <i>Fetal Diagnosis and Therapy</i> , 2021 , 48, 288-296	2.4	2
26	Cost-utility of a first-trimester screening strategy versus the standard of care for nulliparous women to prevent pre-term pre-eclampsia in Belgium. <i>Pregnancy Hypertension</i> , 2021 , 25, 219-224	2.6	2
25	Re: Screening for pre-eclampsia using sFlt-1/PlGF ratio cut-off of 38 at 30-37 weeks gestation. <i>Ultrasound in Obstetrics and Gynecology</i> , 2017 , 49, 665-666	5.8	1
24	Role of placenta in development of pre-eclampsia: revisited. <i>Ultrasound in Obstetrics and Gynecology</i> , 2020 , 56, 803-808	5.8	1
23	Präeklampsie. <i>Der Gynakologe</i> , 2017 , 50, 213-221	0.1	1
22	Re: uterine artery Doppler and sFlt-1/PlGF ratio: usefulness in diagnosis of pre-eclampsia. P. I. Gñez-Arriaga, I. Herraiz, E. A. López-Jiménez, E. Gñez-Montes, B. Denk and A. Galindo. <i>Ultrasound Obstet Gynecol</i> 2013; 41: 530-537. <i>Ultrasound in Obstetrics and Gynecology</i> , 2013 , 41, 489-90	5.8	1
21	Frñgeburtlichkeit. <i>Frauenheilkunde Up2date</i> , 2010 , 4, 235-247	0.1	1
20	Prognostic significance of prenatal ultrasound in fetal arthrogryposis multiplex congenita. <i>Archives of Gynecology and Obstetrics</i> , 2021 , 303, 943-953	2.5	1
19	Relevance of maternal sodium level for preeclampsia-associated adverse pregnancy outcomes. <i>Pregnancy Hypertension</i> , 2021 , 25, 110-115	2.6	1
18	sFlt-1/PlGF ratio for prediction of preeclampsia in clinical routine: A pragmatic real-world analysis of healthcare resource utilisation.. <i>PLoS ONE</i> , 2022 , 17, e0263443	3.7	1
17	Differential diagnosis of syndromic craniosynostosis: a case series. <i>Archives of Gynecology and Obstetrics</i> , 2021 , 1	2.5	0
16	Correlation between placental weight and angiogenic markers sFlt-1 and PlGF in women with preeclampsia and fetal growth restriction.. <i>Pregnancy Hypertension</i> , 2022 , 28, 149-155	2.6	0
15	Update Ersttrimesterscreening [was ist neu in 2015?]. <i>Frauenheilkunde Up2date</i> , 2015 , 9, 243-255	0.1	
14	Maternale Erkrankungen in der Schwangerschaft 2016 , 347-618		
13	. <i>Journal für Gynäkologische Endokrinologie</i> , 2017 , 27, 153-158	0.1	

12	Author's reply re: Pre-eclampsia is primarily a placental disorder: FOR: Pre-eclampsia is primarily a placental disorder. <i>BJOG: an International Journal of Obstetrics and Gynaecology</i> , 2018 , 125, 513-514	3.7
11	Re: Addition of N-terminal pro-B natriuretic peptide to soluble fms-like tyrosine kinase-1/placental growth factor ratio > 38 improves prediction of pre-eclampsia requiring delivery within 1 week: a longitudinal cohort study. E. Sabri, P. Lequerica-Fernández, P. Lafuente-Ganuza, E. Eguia-Bgeles, A. I. Escudero, E. Martínez-Morillo, C. Barcel and F. V. Barez. <i>Ultrasound Obstet Gynecol</i> 2018; 51: 759-767. <i>Ultrasound in Obstetrics and Gynecology</i> , 2018 , 51, 719	5.8
10	Präeklampsierisiko – Was ist zur Überwachung in der Gravidität sinnvoll?. <i>Der Gynakologe</i> , 2019 , 52, 845-850	0.1
9	Biomarker in der Pränataldiagnostik. <i>Der Gynakologe</i> , 2013 , 46, 397-402	0.1
8	Präeklampsie. <i>Journal Für Gynäkologische Endokrinologie/Schweiz</i> , 2017 , 20, 157-161	0
7	Re: Longitudinal changes in maternal soluble endoglin and angiopoietin-2 in women at risk for pre-eclampsia. A. Khalil, N. Maiz, R. Garcia-Mandujano, M. Elkhoul and K. H. Nicolaides. <i>Ultrasound Obstet Gynecol</i> 2014; 44: 402-410. <i>Ultrasound in Obstetrics and Gynecology</i> , 2014 , 44, 386	5.8
6	Präeklampsie und Diabetes mellitus in der Schwangerschaft. <i>Monatsschrift Für Kinderheilkunde</i> , 2012 , 160, 1204-1210	0.2
5	Präeklampsie – Eine Multisystemerkrankung in der Schwangerschaft. <i>Dialyse Aktuell</i> , 2008 , 12, 300-304	0.1
4	Preeclampsia: Universal Screening or Universal Prevention for Low and Middle-Income Settings?. <i>Revista Brasileira De Ginecologia E Obstetricia</i> , 2021 , 43, 334-338	1.1
3	Maternale Erkrankungen in der Schwangerschaft 2021 , 337-609	
2	Kongressnachlese. Präeklampsie – Screening/Prädiktion/Prävention. <i>Geburtshilfe Und Frauenheilkunde</i> , 2018 , 78, 1197-1200	2
1	The growing body of evidence for the implementation of the soluble fms-like tyrosine kinase 1/placental growth factor ratio into clinical routine. <i>American Journal of Obstetrics and Gynecology</i> , 2021 ,	6.4