

Frauke von Versen-HÃ¶jnck

List of Publications by Year in descending order

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73
papers

2,167
citations

201674

27
h-index

243625

44
g-index

79
all docs

79
docs citations

79
times ranked

2552
citing authors

#	ARTICLE	IF	CITATIONS
1	Increased Preeclampsia Risk and Reduced Aortic Compliance With In Vitro Fertilization Cycles in the Absence of a Corpus Luteum. Hypertension, 2019, 73, 640-649.	2.7	219
2	Vitamin D improves the angiogenic properties of endothelial progenitor cells. American Journal of Physiology - Cell Physiology, 2012, 303, C954-C962.	4.6	128
3	Absent or Excessive Corpus Luteum Number Is Associated With Altered Maternal Vascular Health in Early Pregnancy. Hypertension, 2019, 73, 680-690.	2.7	109
4	Vitamin D - roles in women's reproductive health?. Reproductive Biology and Endocrinology, 2011, 9, 146.	3.3	96
5	Maternal and neonatal outcomes associated with trophoctoderm biopsy. Fertility and Sterility, 2019, 112, 283-290.e2.	1.0	95
6	Plasma Levels of Inflammatory Markers Neopterin, Sialic Acid, and C-Reactive Protein in Pregnancy and Preeclampsia. American Journal of Hypertension, 2009, 22, 687-692.	2.0	75
7	The Influence of Different Preservation and Sterilisation Steps on the Histological Properties of Amnion Allografts – Light and Scanning Electron Microscopic Studies. Cell and Tissue Banking, 2004, 5, 45-56.	1.1	74
8	Sterilization and preservation influence the biophysical properties of human amnion grafts. Biologicals, 2008, 36, 248-255.	1.4	62
9	Novel Soluble Flt-1 Isoforms in Plasma and Cultured Placental Explants from Normotensive Pregnant and Preeclamptic Women. Placenta, 2009, 30, 25-34.	1.5	61
10	Leptin Affects System A Amino Acid Transport Activity in the Human Placenta: Evidence for STAT3 Dependent Mechanisms. Placenta, 2009, 30, 361-367.	1.5	61
11	Uric acid attenuates trophoblast invasion and integration into endothelial cell monolayers. American Journal of Physiology - Cell Physiology, 2009, 297, C440-C450.	4.6	60
12	Effect of Mode of Conception on Maternal Serum Relaxin, Creatinine, and Sodium Concentrations in an Infertile Population. Reproductive Sciences, 2019, 26, 412-419.	2.5	55
13	Angiotensin II decreases system A amino acid transporter activity in human placental villous fragments through AT1 receptor activation. American Journal of Physiology - Endocrinology and Metabolism, 2006, 291, E1009-E1016.	3.5	53
14	Placental System A Amino Acid Transport is Reduced in Pregnancies With Small For Gestational Age (SGA) Infants but Not in Preeclampsia with SGA Infants. Placenta, 2008, 29, 879-882.	1.5	52
15	Awareness, knowledge, and perceptions of infertility, fertility assessment, and assisted reproductive technologies in the era of oocyte freezing among female and male university students. Journal of Assisted Reproduction and Genetics, 2016, 33, 719-729.	2.5	52
16	Clinical diagnosis and therapy of uterine scar defects after caesarean section in non-pregnant women. Archives of Gynecology and Obstetrics, 2015, 291, 1417-1423.	1.7	49
17	Human Placental Adenosine Receptor Expression is Elevated in Preeclampsia and Hypoxia Increases Expression of the A2A Receptor. Placenta, 2009, 30, 434-442.	1.5	47
18	Uric Acid Inhibits Placental System A Amino Acid Uptake. Placenta, 2009, 30, 195-200.	1.5	46

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19	Development and validation of GCâ€MS methods for the comprehensive analysis of amino acids in plasma and urine and applications to the HELLP syndrome and pediatric kidney transplantation: evidence of altered methylation, transamidation, and arginase activity. <i>Amino Acids</i> , 2019, 51, 529-547.	2.7	44
20	Pregnancies in liver and kidney transplant recipients: a review of the current literature and recommendation. <i>Best Practice and Research in Clinical Obstetrics and Gynaecology</i> , 2014, 28, 1123-1136.	2.8	41
21	Vitamin D Depletion Aggravates Hypertension and Targetâ€Organ Damage. <i>Journal of the American Heart Association</i> , 2015, 4, .	3.7	38
22	Vitamin D Prevents Endothelial Progenitor Cell Dysfunction Induced by Sera from Women with Preeclampsia or Conditioned Media from Hypoxic Placenta. <i>PLoS ONE</i> , 2014, 9, e98527.	2.5	37
23	Vitamin D Effects on the Immune System from Periconception through Pregnancy. <i>Nutrients</i> , 2020, 12, 1432.	4.1	35
24	Vitamin D rescues dysfunction of fetal endothelial colony forming cells from individuals with gestational diabetes. <i>Placenta</i> , 2015, 36, 410-418.	1.5	33
25	Potential role of the corpus luteum in maternal cardiovascular adaptation to pregnancy and preeclampsia risk. <i>American Journal of Obstetrics and Gynecology</i> , 2022, 226, 683-699.	1.3	32
26	Vitamin D Antagonizes Negative Effects of Preeclampsia on Fetal Endothelial Colony Forming Cell Number and Function. <i>PLoS ONE</i> , 2014, 9, e98990.	2.5	32
27	Determinants of Maternal Renin-Angiotensin-Aldosterone-System Activation in Early Pregnancy: Insights From 2 Cohorts. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2020, 105, 3505-3517.	3.6	29
28	Adenosine A2Breceptors induce proliferation, invasion and activation of cAMP response element binding protein (CREB) in trophoblast cells. <i>BMC Pregnancy and Childbirth</i> , 2014, 14, 2.	2.4	28
29	BMI and season are associated with vitamin D deficiency in women with impaired fertility: a two-centre analysis. <i>Archives of Gynecology and Obstetrics</i> , 2016, 293, 907-914.	1.7	28
30	Vitamin D improves endothelial barrier integrity and counteracts inflammatory effects on endothelial progenitor cells. <i>FASEB Journal</i> , 2019, 33, 9142-9153.	0.5	27
31	Implications of maternal conditions and pregnancy course on offspringâ€™s medical problems in adult life. <i>Archives of Gynecology and Obstetrics</i> , 2016, 294, 673-679.	1.7	24
32	Maternal Fetal/Placental Interactions and Abnormal Pregnancy Outcomes. <i>Hypertension</i> , 2007, 49, 15-16.	2.7	23
33	Gestational diabetes induces alterations of sirtuins in fetal endothelial cells. <i>Pediatric Research</i> , 2016, 79, 788-798.	2.3	22
34	Impaired functional capacity of fetal endothelial cells in preeclampsia. <i>PLoS ONE</i> , 2017, 12, e0178340.	2.5	22
35	Application of sterilised human amnion for reconstruction of the ocular surface. <i>Cell and Tissue Banking</i> , 2004, 5, 57-65.	1.1	21
36	Maternal Vascular Health in Pregnancy and Postpartum After Assisted Reproduction. <i>Hypertension</i> , 2020, 75, 549-560.	2.7	19

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37	Preeclampsia-Associated Alteration of DNA Methylation in Fetal Endothelial Progenitor Cells. <i>Frontiers in Cell and Developmental Biology</i> , 2019, 7, 32.	3.7	17
38	Cyclosporine A and Tacrolimus Induce Functional Impairment and Inflammatory Reactions in Endothelial Progenitor Cells. <i>International Journal of Molecular Sciences</i> , 2021, 22, 9696.	4.1	16
39	Pravastatin Promotes Endothelial Colony-Forming Cell Function, Angiogenic Signaling and Protein Expression In Vitro. <i>Journal of Clinical Medicine</i> , 2021, 10, 183.	2.4	15
40	Activation of adenosine A2B receptor impairs properties of trophoblast cells and involves mitogen-activated protein (MAP) kinase signaling. <i>Placenta</i> , 2014, 35, 763-771.	1.5	14
41	First trimester pregnancy ultrasound findings as a function of method of conception in an infertile population. <i>Journal of Assisted Reproduction and Genetics</i> , 2018, 35, 863-870.	2.5	12
42	Impact of Short-Term Hypoxia on Sirtuins as Regulatory Elements in HUVECs. <i>Journal of Clinical Medicine</i> , 2020, 9, 2604.	2.4	12
43	MicroRNA Profiles of Maternal and Neonatal Endothelial Progenitor Cells in Preeclampsia. <i>International Journal of Molecular Sciences</i> , 2021, 22, 5320.	4.1	12
44	HELLP Syndrome. <i>Reproductive Sciences</i> , 2017, 24, 568-574.	2.5	11
45	Role of vitamin D in cell-cell interaction of fetal endothelial progenitor cells and umbilical cord endothelial cells in a preeclampsia-like model. <i>American Journal of Physiology - Cell Physiology</i> , 2019, 317, C348-C357.	4.6	11
46	Pregnancy Outcomes After Frozen-Thawed Embryo Transfer in the Absence of a Corpus Luteum. <i>Frontiers in Medicine</i> , 2021, 8, 727753.	2.6	11
47	Maternal and neonatal outcomes of pregnancies with COVID-19 after medically assisted reproduction: results from the prospective COVID-19-Related Obstetrical and Neonatal Outcome Study. <i>American Journal of Obstetrics and Gynecology</i> , 2022, 227, 495.e1-495.e11.	1.3	11
48	Should any use of artificial cycle regimen for frozen-thawed embryo transfer in women capable of ovulation be abandoned: yes, but what's next for FET cycle practice and research?. <i>Human Reproduction</i> , 2022, 37, 1697-1703.	0.9	11
49	System A Amino Acid Transporter Activity in Term Placenta Is Substrate Specific and Inversely Related to Amino Acid Concentration. <i>Reproductive Sciences</i> , 2007, 14, 687-693.	2.5	8
50	Which protocol for frozen-thawed embryo transfer is associated with the best outcomes for the mother and baby?. <i>Fertility and Sterility</i> , 2021, 115, 886-887.	1.0	8
51	OS063. Vitamin D promotes endothelial progenitor cell differentiation and upregulates VEGF. <i>Pregnancy Hypertension</i> , 2012, 2, 211.	1.4	7
52	Collection of pregnancy outcome records following infertility challenges and possible solutions. <i>Journal of Assisted Reproduction and Genetics</i> , 2016, 33, 993-999.	2.5	6
53	Vitamin D depletion does not affect key aspects of the preeclamptic phenotype in a transgenic rodent model for preeclampsia. <i>Journal of the American Society of Hypertension</i> , 2016, 10, 597-607.e1.	2.3	6
54	Examination of fetal growth trajectories following infertility treatment. <i>Journal of Assisted Reproduction and Genetics</i> , 2020, 37, 1399-1407.	2.5	6

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55	Prorenin periconceptionally and in pregnancy: Does it have a physiological role?. Molecular and Cellular Endocrinology, 2021, 522, 111118.	3.2	6
56	Hypoxia and the Anticoagulants Dalteparin and Acetylsalicylic Acid Affect Human Placental Amino Acid Transport. PLoS ONE, 2014, 9, e99217.	2.5	6
57	Low Ethanol Concentrations Promote Endothelial Progenitor Cell Capacity and Reparative Function. Cardiovascular Therapeutics, 2020, 2020, 1-10.	2.5	5
58	Gestational diabetes mellitus: an evaluation of gynecologists' knowledge of guidelines and counseling behavior. Archives of Gynecology and Obstetrics, 2016, 294, 1209-1217.	1.7	4
59	The impact of the COVID-19 pandemic on women seeking fertility treatment: the patient's perspective. Archives of Gynecology and Obstetrics, 2022, , 1.	1.7	4
60	Downregulation of miR-1270 mediates endothelial progenitor cell function in preeclampsia: Role for ATM in the Src/VE-cadherin axis. FASEB Journal, 2022, 36, .	0.5	3
61	Risk of preeclampsia in artificial frozen embryo transfer as a result of insufficient corpus luteum hormone levels: a response. American Journal of Obstetrics and Gynecology, 2022, 227, 676-677.	1.3	3
62	Prorenin periconceptionally and in pregnancy: Does it have a physiological role?. Molecular and Cellular Endocrinology, 2021, 529, 111281.	3.2	2
63	What is the true preeclampsia risk in oocyte donation pregnancies?—lack of deconfounding may lead to risk overestimation. Human Reproduction, 2022, 37, 1692-1693.	0.9	2
64	30. The role of vitamin D for conception, polycystic ovary syndrome, endometriosis and the menstrual cycle. Human Health Handbooks, 2014, , 489-504.	0.1	1
65	Knowledge and Implementation of the S3 Guideline on Gestational Diabetes among Gynecologists and Diabetologists Four Years after Publication. Geburtshilfe Und Frauenheilkunde, 2016, 76, 771-778.	1.8	1
66	Vitamin D Deficiency and Fertility: An Overview. , 2017, , 1-18.		1
67	Fetal endothelial colony-forming cell impairment after maternal kidney transplantation. Pediatric Research, 2023, 93, 810-817.	2.3	1
68	Vitamin D Deficiency and Fertility: An Overview. , 2017, , 1-18.		0
69	Maternal and Neonatal Outcomes Associated With Trophoctoderm Biopsy. Obstetrical and Gynecological Survey, 2020, 75, 15-18.	0.4	0
70	Impact of immunosuppression on endothelial progenitor cell capacity in pregnancy. , 2018, 78, .		0
71	Vitamin D Deficiency and Fertility: An Overview. , 2019, , 1665-1682.		0
72	Der Einfluss assistierter Reproduktion und der Corpus luteum Anzahl auf das mütterliche Renin-Angiotensin-Aldosteron System in der Frühschwangerschaft. , 2020, 80, .		0

#	ARTICLE	IF	CITATIONS
73	Untersuchungen zum Einfluss maternalen Adipositas auf Charakteristika fetaler endothelialer Vorläuferzellen. , 2020, 80, .		0