

Frauke von Versen-HÃ¶jnck

List of Publications by Year in descending order

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73
papers

2,167
citations

201385

27
h-index

243296

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. <i>Hypertension</i> , 2019, 73, 640-649.	1.3	219
2	Vitamin D improves the angiogenic properties of endothelial progenitor cells. <i>American Journal of Physiology - Cell Physiology</i> , 2012, 303, C954-C962.	2.1	128
3	Absent or Excessive Corpus Luteum Number Is Associated With Altered Maternal Vascular Health in Early Pregnancy. <i>Hypertension</i> , 2019, 73, 680-690.	1.3	109
4	Vitamin D - roles in women's reproductive health?. <i>Reproductive Biology and Endocrinology</i> , 2011, 9, 146.	1.4	96
5	Maternal and neonatal outcomes associated with trophoctoderm biopsy. <i>Fertility and Sterility</i> , 2019, 112, 283-290.e2.	0.5	95
6	Plasma Levels of Inflammatory Markers Neopterin, Sialic Acid, and C-Reactive Protein in Pregnancy and Preeclampsia. <i>American Journal of Hypertension</i> , 2009, 22, 687-692.	1.0	75
7	The Influence of Different Preservation and Sterilisation Steps on the Histological Properties of Amnion Allografts – Light and Scanning Electron Microscopic Studies. <i>Cell and Tissue Banking</i> , 2004, 5, 45-56.	0.5	74
8	Sterilization and preservation influence the biophysical properties of human amnion grafts. <i>Biologicals</i> , 2008, 36, 248-255.	0.5	62
9	Novel Soluble Flt-1 Isoforms in Plasma and Cultured Placental Explants from Normotensive Pregnant and Preeclamptic Women. <i>Placenta</i> , 2009, 30, 25-34.	0.7	61
10	Leptin Affects System A Amino Acid Transport Activity in the Human Placenta: Evidence for STAT3 Dependent Mechanisms. <i>Placenta</i> , 2009, 30, 361-367.	0.7	61
11	Uric acid attenuates trophoblast invasion and integration into endothelial cell monolayers. <i>American Journal of Physiology - Cell Physiology</i> , 2009, 297, C440-C450.	2.1	60
12	Effect of Mode of Conception on Maternal Serum Relaxin, Creatinine, and Sodium Concentrations in an Infertile Population. <i>Reproductive Sciences</i> , 2019, 26, 412-419.	1.1	55
13	Angiotensin II decreases system A amino acid transporter activity in human placental villous fragments through AT1 receptor activation. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2006, 291, E1009-E1016.	1.8	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. <i>Placenta</i> , 2008, 29, 879-882.	0.7	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. <i>Journal of Assisted Reproduction and Genetics</i> , 2016, 33, 719-729.	1.2	52
16	Clinical diagnosis and therapy of uterine scar defects after caesarean section in non-pregnant women. <i>Archives of Gynecology and Obstetrics</i> , 2015, 291, 1417-1423.	0.8	49
17	Human Placental Adenosine Receptor Expression is Elevated in Preeclampsia and Hypoxia Increases Expression of the A2A Receptor. <i>Placenta</i> , 2009, 30, 434-442.	0.7	47
18	Uric Acid Inhibits Placental System A Amino Acid Uptake. <i>Placenta</i> , 2009, 30, 195-200.	0.7	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.	1.2	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.	1.4	41
21	Vitamin D Depletion Aggravates Hypertension and Targetâ€Organ Damage. <i>Journal of the American Heart Association</i> , 2015, 4, .	1.6	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.	1.1	37
23	Vitamin D Effects on the Immune System from Periconception through Pregnancy. <i>Nutrients</i> , 2020, 12, 1432.	1.7	35
24	Vitamin D rescues dysfunction of fetal endothelial colony forming cells from individuals with gestational diabetes. <i>Placenta</i> , 2015, 36, 410-418.	0.7	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.	0.7	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.	1.1	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.	1.8	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.	0.9	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.	0.8	28
30	Vitamin D improves endothelial barrier integrity and counteracts inflammatory effects on endothelial progenitor cells. <i>FASEB Journal</i> , 2019, 33, 9142-9153.	0.2	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.	0.8	24
32	Maternal Fetal/Placental Interactions and Abnormal Pregnancy Outcomes. <i>Hypertension</i> , 2007, 49, 15-16.	1.3	23
33	Gestational diabetes induces alterations of sirtuins in fetal endothelial cells. <i>Pediatric Research</i> , 2016, 79, 788-798.	1.1	22
34	Impaired functional capacity of fetal endothelial cells in preeclampsia. <i>PLoS ONE</i> , 2017, 12, e0178340.	1.1	22
35	Application of sterilised human amnion for reconstruction of the ocular surface. <i>Cell and Tissue Banking</i> , 2004, 5, 57-65.	0.5	21
36	Maternal Vascular Health in Pregnancy and Postpartum After Assisted Reproduction. <i>Hypertension</i> , 2020, 75, 549-560.	1.3	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.	1.8	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.	1.8	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.	1.0	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.	0.7	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.	1.2	12
42	Impact of Short-Term Hypoxia on Sirtuins as Regulatory Elements in HUVECs. <i>Journal of Clinical Medicine</i> , 2020, 9, 2604.	1.0	12
43	MicroRNA Profiles of Maternal and Neonatal Endothelial Progenitor Cells in Preeclampsia. <i>International Journal of Molecular Sciences</i> , 2021, 22, 5320.	1.8	12
44	HELLP Syndrome. <i>Reproductive Sciences</i> , 2017, 24, 568-574.	1.1	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.	2.1	11
46	Pregnancy Outcomes After Frozen-Thawed Embryo Transfer in the Absence of a Corpus Luteum. <i>Frontiers in Medicine</i> , 2021, 8, 727753.	1.2	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.	0.7	11
48	Should any use of artificial cycle regimen for frozen-thawed embryo transfer in women capable of ovulation be abandoned: yes, but whatâ€™s next for FET cycle practice and research?. <i>Human Reproduction</i> , 2022, 37, 1697-1703.	0.4	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.	1.1	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.	0.5	8
51	OS063. Vitamin D promotes endothelial progenitor cell differentiation and upregulates VEGF. <i>Pregnancy Hypertension</i> , 2012, 2, 211.	0.6	7
52	Collection of pregnancy outcome records following infertilityâ€™ challenges and possible solutions. <i>Journal of Assisted Reproduction and Genetics</i> , 2016, 33, 993-999.	1.2	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.	1.2	6

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55	Prorenin periconceptionally and in pregnancy: Does it have a physiological role?. Molecular and Cellular Endocrinology, 2021, 522, 111118.	1.6	6
56	Hypoxia and the Anticoagulants Dalteparin and Acetylsalicylic Acid Affect Human Placental Amino Acid Transport. PLoS ONE, 2014, 9, e99217.	1.1	6
57	Low Ethanol Concentrations Promote Endothelial Progenitor Cell Capacity and Reparative Function. Cardiovascular Therapeutics, 2020, 2020, 1-10.	1.1	5
58	Gestational diabetes mellitus: an evaluation of gynecologists' knowledge of guidelines and counseling behavior. Archives of Gynecology and Obstetrics, 2016, 294, 1209-1217.	0.8	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.	0.8	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, .	0.2	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.	0.7	3
62	Prorenin periconceptionally and in pregnancy: Does it have a physiological role?. Molecular and Cellular Endocrinology, 2021, 529, 111281.	1.6	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.	0.4	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.	0.8	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.	1.1	1
68	Vitamin D Deficiency and Fertility: An Overview. , 2017, , 1-18.		0
69	Maternal and Neonatal Outcomes Associated With Trophoblast Biopsy. Obstetrical and Gynecological Survey, 2020, 75, 15-18.	0.2	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

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