Stefan R Hansson

List of Publications by Year
in descending order

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126	4,048	94433	144013
papers	citations	37 h-index	57 g-index

130	130	130	5211
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Decision-making during obstetric emergencies: A narrative approach. PLoS ONE, 2022, 17, e0260277.	2.5	3
2	Maternal and fetal haemopexin and Î±1-microglobulin concentrations in pre-eclamptic IVF pregnancies according to presence of corpus luteum at embryo transfer. Reproductive BioMedicine Online, 2022, 45, 135-145.	2.4	1
3	Tuberculosis infection and stillbirth in Ethiopiaâ€"A prospective cohort study. PLoS ONE, 2022, 17, e0261972.	2.5	3
4	ExÂvivo dual perfusion of an isolated human placenta cotyledon: Towards protocol standardization and improved inter-centre comparability. Placenta, 2022, 126, 83-89.	1.5	7
5	WomenÂ´s experiences of preeclampsia as a condition of uncertainty: a qualitative study. BMC Pregnancy and Childbirth, 2022, 22, .	2.4	2
6	Tuberculosis Infection in Women of Reproductive Age: A Cross-sectional Study at Antenatal Care Clinics in an Ethiopian City. Clinical Infectious Diseases, 2021, 73, 203-210.	5.8	16
7	Knockout of the radical scavenger Î±1-microglobulin in mice results in defective bikunin synthesis, endoplasmic reticulum stress and increased body weight. Free Radical Biology and Medicine, 2021, 162, 160-170.	2.9	9
8	Human radical scavenger Î±1-microglobulin protects against hemolysis in vitro and Î±1-microglobulin knockout mice exhibit a macrocytic anemia phenotype. Free Radical Biology and Medicine, 2021, 162, 149-159.	2.9	19
9	Women with a History of Recurrent Pregnancy Loss Are a High-Risk Population for Adverse Obstetrical Outcome: A Retrospective Cohort Study. Journal of Clinical Medicine, 2021, 10, 179.	2.4	13
10	Hypoxia-Induced Alpha-Globin Expression in Syncytiotrophoblasts Mimics the Pattern Observed in Preeclamptic Placentas. International Journal of Molecular Sciences, 2021, 22, 3357.	4.1	4
11	The effect of Lactiplantibacillus plantarum 299v together with a low dose of iron on iron status in healthy pregnant women: A randomized clinical trial. Acta Obstetricia Et Gynecologica Scandinavica, 2021, 100, 1602-1610.	2.8	9
12	Association of Prenatal Ambient Air Pollution Exposure With Placental Mitochondrial DNA Copy Number, Telomere Length and Preeclampsia. Frontiers in Toxicology, 2021, 3, 659407.	3.1	6
13	The roles of free iron, heme, haemoglobin, and the scavenger proteins haemopexin and alphaâ€1â€microglobulin in preeclampsia and fetal growth restriction. Journal of Internal Medicine, 2021, 290, 952-968.	6.0	23
14	The experience of provided information and care during pregnancy and postpartum when diagnosed with preeclampsia: A qualitative study. European Journal of Midwifery, 2021, 5, 1-9.	1.1	4
15	Early Pregnancy Exposure to Ambient Air Pollution among Late-Onset Preeclamptic Cases Is Associated with Placental DNA Hypomethylation of Specific Genes and Slower Placental Maturation. Toxics, 2021, 9, 338.	3.7	6
16	The Role of Î±1-Microglobulin (A1M) in Erythropoiesis and Erythrocyte Homeostasisâ€"Therapeutic Opportunities in Hemolytic Conditions. International Journal of Molecular Sciences, 2020, 21, 7234.	4.1	17
17	Obstetric and intensive-care strategies in a high-risk pregnancy with critical respiratory failure due to COVID-19: A case report. Case Reports in Women's Health, 2020, 27, e00240.	0.5	19
18	Placental syncytiotrophoblast extracellular vesicles enter primary endothelial cells through clathrin-mediated endocytosis. Placenta, 2020, 100, 133-141.	1.5	23

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19	Association of Maternal Regulatory Single Nucleotide Polymorphic CD99 Genotype with Preeclampsia in Pregnancies Carrying Male Fetuses in Ethiopian Women. International Journal of Molecular Sciences, 2020, 21, 5837.	4.1	10
20	Complicated COVID-19 in pregnancy: a case report with severe liver and coagulation dysfunction promptly improved by delivery. BMC Pregnancy and Childbirth, 2020, 20, 511.	2.4	27
21	Hemopexin and Î±1-microglobulin heme scavengers with differential involvement in preeclampsia and fetal growth restriction. PLoS ONE, 2020, 15, e0239030.	2.5	10
22	Pregnant alpha-1-microglobulin (A1M) knockout mice exhibit features of kidney and placental damage, hemodynamic changes and intrauterine growth restriction. Scientific Reports, 2020, 10, 20625.	3.3	2
23	Exposure to wood smoke particles leads to inflammation, disrupted proliferation and damage to cellular structures in a human first trimester trophoblast cell line. Environmental Pollution, 2020, 264, 114790.	7.5	24
24	Nonâ€immune hydrops fetalis was rare in Sweden during 1997â€2015, but cases were associated with complications and poor prognosis. Acta Paediatrica, International Journal of Paediatrics, 2020, 109, 2570-2577.	1.5	14
25	Per- and Polyfluoroalkyl Substances in Early Pregnancy and Risk for Preeclampsia: A Case-Control Study in Southern Sweden. Toxics, 2020, 8, 43.	3.7	29
26	Polymorphism in killer cell immunoglobulin-like receptors and human leukocyte antigen-c and predisposition to preeclampsia in Ethiopian pregnant women population. Journal of Reproductive Immunology, 2020, 141, 103169.	1.9	12
27	Cardiovascular effects of severe late-onset preeclampsia are reversed within six months postpartum. Pregnancy Hypertension, 2020, 19, 18-24.	1.4	8
28	Urban PM2.5 Induces Cellular Toxicity, Hormone Dysregulation, Oxidative Damage, Inflammation, and Mitochondrial Interference in the HRT8 Trophoblast Cell Line. Frontiers in Endocrinology, 2020, 11, 75.	3.5	62
29	Title is missing!. , 2020, 15, e0239030.		0
30	Title is missing!. , 2020, 15, e0239030.		0
31	Title is missing!. , 2020, 15, e0239030.		0
32	Title is missing!. , 2020, 15, e0239030.		0
33	Title is missing!. , 2020, 15, e0239030.		0
34	Title is missing!. , 2020, 15, e0239030.		0
35	Exposure of trophoblast cells to fine particulate matter air pollution leads to growth inhibition, inflammation and ER stress. PLoS ONE, 2019, 14, e0218799.	2.5	53
36	Reliability of recurrent pregnancy loss diagnosis coding in the Swedish National Patient Register: a validation study . Clinical Epidemiology, 2019, Volume 11, 375-381.	3.0	3

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37	The heme and radical scavenger Î±1-microglobulin (A1M) confers early protection of the immature brain following preterm intraventricular hemorrhage. Journal of Neuroinflammation, 2019, 16, 122.	7.2	23
38	Alpha-1 microglobulin as a potential therapeutic candidate for treatment of hypertension and oxidative stress in the STOX1 preeclampsia mouse model. Scientific Reports, 2019, 9, 8561.	3.3	19
39	Preeclampsia is Associated with Sex-Specific Transcriptional and Proteomic Changes in Fetal Erythroid Cells. International Journal of Molecular Sciences, 2019, 20, 2038.	4.1	16
40	Altered Tryptophan Catabolism in Placentas From Women With Pre-eclampsia. International Journal of Tryptophan Research, 2019, 12, 117864691984032.	2.3	27
41	Plasma Heme Scavengers Alpha-1-Microglobulin and Hemopexin as Biomarkers in High-Risk Pregnancies. Frontiers in Physiology, 2019, 10, 300.	2.8	15
42	The rate and perioperative mortality of caesarean section in Sierra Leone. BMJ Global Health, 2019, 4, e001605.	4.7	12
43	Longitudinal changes in plasma hemopexin and alpha-1-microglobulin concentrations in women with and without clinical risk factors for pre-eclampsia. PLoS ONE, 2019, 14, e0226520.	2.5	4
44	The hemoglobin degradation pathway in patients with preeclampsia â€“ Fetal hemoglobin, heme, heme oxygenase-1 and hemopexin â€“ Potential diagnostic biomarkers?. Pregnancy Hypertension, 2018, 14, 273-278.	1.4	18
45	An ecoimmunological approach to study evolutionary and ancient links between coagulation, complement and Innate immunity. Virulence, 2018, 9, 724-737.	4.4	11
46	Neuroprotective dobutamine treatment upregulates superoxide dismutase 3, anti-oxidant and survival genes and attenuates genes mediating inflammation. BMC Neuroscience, 2018, 19, 9.	1.9	4
47	Metabolic profiling and targeted lipidomics reveals a disturbed lipid profile in mothers and fetuses with intrauterine growth restriction. Scientific Reports, 2018, 8, 13614.	3.3	34
48	Cell free hemoglobin in the fetoplacental circulation: a novel cause of fetal growth restriction?. FASEB Journal, 2018, 32, 5436-5446.	0.5	16
49	Fetal sex-specific differences in gestational age at delivery in pre-eclampsia: a meta-analysis. International Journal of Epidemiology, 2017, 46, dyw178.	1.9	46
50	Placenta-derived extracellular vesicles: their cargo and possible functions. Reproduction, Fertility and Development, 2017, 29, 433.	0.4	41
51	Global Pregnancy Collaboration symposium on placental health: Summary and recommendations. Placenta, 2017, 52, 116-121.	1.5	3
52	Self-gated fetal cardiac MRI with tiny golden angle iGRASP: A feasibility study. Journal of Magnetic Resonance Imaging, 2017, 46, 207-217.	3.4	45
53	EVERREST prospective study: a 6-year prospective study to define the clinical and biological characteristics of pregnancies affected by severe early onset fetal growth restriction. BMC Pregnancy and Childbirth, 2017, 17, 43.	2.4	71
54	Recombinant alpha-1-microglobulin: a potential treatment for preeclampsia. Drug Discovery Today, 2017, 22, 736-743.	6.4	29

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55	Urinary Extracellular Vesicles of Podocyte Origin and Renal Injury in Preeclampsia. Journal of the American Society of Nephrology: JASN, 2017, 28, 3363-3372.	6.1	57
56	Syncytiotrophoblast derived extracellular vesicles transfer functional placental miRNAs to primary human endothelial cells. Scientific Reports, 2017, 7, 4558.	3.3	86
57	Elevated levels of protein AMBP in cerebrospinal fluid of women with preeclampsia compared to normotensive pregnant women. Proteomics - Clinical Applications, 2017, 11, 1600082.	1.6	20
58	Fetal hemoglobin in umbilical cord blood in preeclamptic and normotensive pregnancies: A cross-sectional comparative study. PLoS ONE, 2017, 12, e0176697.	2.5	11
59	Adhesion of Plasmodium falciparum infected erythrocytes in ex vivo perfused placental tissue: a novel model of placental malaria. Malaria Journal, 2016, 15, 292.	2.3	25
60	Placental Sequestration of Plasmodium falciparum Malaria Parasites Is Mediated by the Interaction Between VAR2CSA and Chondroitin Sulfate A on Syndecan-1. PLoS Pathogens, 2016, 12, e1005831.	4.7	79
61	Fetal hemoglobin, Î±1-microglobulin and hemopexin are potential predictive first trimester biomarkers for preeclampsia. Pregnancy Hypertension, 2016, 6, 103-109.	1.4	41
62	Inflammatory processes are specifically enhanced in endothelial cells by placental-derived TNF-Î±: Implications in preeclampsia (PE). Placenta, 2016, 43, 1-8.	1.5	40
63	Inventory of Novel Animal Models Addressing Etiology of Preeclampsia in the Development of New Therapeutic/Intervention Opportunities. American Journal of Reproductive Immunology, 2016, 75, 402-410.	1.2	30
64	An international network (PlaNet) to evaluate a human placental testing platform for chemicals safety testing in pregnancy. Reproductive Toxicology, 2016, 64, 191-202.	2.9	15
65	A1M Ameliorates Preeclampsia-Like Symptoms in Placenta and Kidney Induced by Cell-Free Fetal Hemoglobin in Rabbit. PLoS ONE, 2015, 10, e0125499.	2.5	38
66	The Human Endogenous Protection System against Cell-Free Hemoglobin and Heme Is Overwhelmed in Preeclampsia and Provides Potential Biomarkers and Clinical Indicators. PLoS ONE, 2015, 10, e0138111.	2.5	36
67	First Trimester Prediction of Preeclampsia. Current Hypertension Reports, 2015, 17, 584.	3.5	31
68	[167-POS]. Pregnancy Hypertension, 2015, 5, 86.	1.4	5
69	[97-POS]. Pregnancy Hypertension, 2015, 5, 53.	1.4	4
70	Maternal Smoking during Pregnancy and Daughtersâ€™ Preeclampsia Risk. PLoS ONE, 2015, 10, e0144207.	2.5	6
71	A1M/Î±1-Microglobulin Protects from Heme-Induced Placental and Renal Damage in a Pregnant Sheep Model of Preeclampsia. PLoS ONE, 2014, 9, e86353.	2.5	51
72	Syncytiotrophoblast Vesicles Show Altered micro-RNA and Haemoglobin Content after Ex-vivo Perfusion of Placentas with Haemoglobin to Mimic Preeclampsia. PLoS ONE, 2014, 9, e90020.	2.5	40

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73	Extracellular fetal hemoglobin induces increases in glomerular permeability: inhibition with Î±₁-microglobulin and tempol. American Journal of Physiology - Renal Physiology, 2014, 306, F442-F448.	2.7	34
74	Extracellular hemoglobin - mediator of inflammation and cell death in the choroid plexus following preterm intraventricular hemorrhage. Journal of Neuroinflammation, 2014, 11, 200.	7.2	89
75	Strategy for Standardization of Preeclampsia Research Study Design. Hypertension, 2014, 63, 1293-1301.	2.7	155
76	Oxidative stress in preeclampsia and the role of free fetal hemoglobin. Frontiers in Physiology, 2014, 5, 516.	2.8	125
77	Hemoglobin induces inflammation after preterm intraventricular hemorrhage by methemoglobin formation. Journal of Neuroinflammation, 2013, 10, 100.	7.2	101
78	PP006. Gene expression profiling of first trimester placentas from pregnancies at high risk of developing preeclampsia. Pregnancy Hypertension, 2013, 3, 69.	1.4	0
79	Fetal hemoglobin in preeclampsia. Current Opinion in Obstetrics and Gynecology, 2013, 25, 448-455.	2.0	27
80	Gene expression profiling of placentae from women with early- and late-onset pre-eclampsia: down-regulation of the angiogenesis-related genes ACVRL1 and EGFL7 in early-onset disease. Molecular Human Reproduction, 2012, 18, 146-155.	2.8	63
81	Pathological Conditions Involving Extracellular Hemoglobin: Molecular Mechanisms, Clinical Significance, and Novel Therapeutic Opportunities for Î±₁-Microglobulin. Antioxidants and Redox Signaling, 2012, 17, 813-846.	5.4	87
82	P12. Placental gene expression analysis at the end of the first trimester of pregnancy in patients at high risk of subsequent development of preeclampsia. Pregnancy Hypertension, 2011, 1, 278.	1.4	0
83	Perfusion of human placenta with hemoglobin introduces preeclampsia-like injuries that are prevented by Î±1-microglobulin. Placenta, 2011, 32, 323-332.	1.5	74
84	Fetal hemoglobin and Î±1-microglobulin as first- and early second-trimester predictive biomarkers for preeclampsia. American Journal of Obstetrics and Gynecology, 2011, 204, 520.e1-520.e5.	1.3	59
85	Design of recombinant antibody microarrays for membrane protein profiling of cell lysates and tissue extracts. Proteomics, 2011, 11, 1550-1554.	2.2	19
86	Feto-maternal interactions in pregnancies: Placental microparticles activate peripheral blood monocytes. Placenta, 2010, 31, 106-112.	1.5	117
87	Increased levels of cell-free hemoglobin, oxidation markers, and the antioxidative heme scavenger Î±1-microglobulin in preeclampsia. Free Radical Biology and Medicine, 2010, 48, 284-291.	2.9	87
88	Tissue proteome profiling of preeclamptic placenta using recombinant antibody microarrays. Proteomics - Clinical Applications, 2010, 4, 794-807.	1.6	20
89	G protein-coupled estrogen receptor 1 (GPER, GPR 30) in normal human endometrium and early pregnancy decidua. Molecular Human Reproduction, 2010, 16, 743-751.	2.8	55
90	Fetal cerebral energy metabolism and electrocardiogram during experimental umbilical cord occlusion and resuscitation. Journal of Maternal-Fetal and Neonatal Medicine, 2010, 23, 158-166.	1.5	19

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91	Differential Proteome Analysis of the Preeclamptic Placenta Using Optimized Protein Extraction. Journal of Biomedicine and Biotechnology, 2010, 2010, 1-9.	3.0	32
92	Î²-Adrenoceptor activation depresses brain inflammation and is neuroprotective in lipopolysaccharide-induced sensitization to oxygen-glucose deprivation in organotypic hippocampal slices. Journal of Neuroinflammation, 2010, 7, 94.	7.2	37
93	Myometrial oxytocin receptor mRNA concentrations at preterm and term delivery â€“ the influence of external oxytocin. Gynecological Endocrinology, 2009, 25, 188-193.	1.7	7
94	Circulatory Effects of Inhaled Iloprost in the Newborn Preterm Lamb. Pediatric Research, 2009, 66, 416-422.	2.3	9
95	Perfusion of the Human Placenta with Red Blood Cells and Xanthine Oxidase Mimics Preeclampsiain-vitro. Zeitschrift Fur Geburtshilfe Und Neonatologie, 2009, 213, 89-95.	0.4	13
96	High Brain Tissue Oxygen Tension During Ventilation With 100% Oxygen After Fetal Asphyxia in Newborn Sheep. Pediatric Research, 2009, 65, 57-61.	2.3	37
97	Reproductive hormones in plasma over the menstrual cycle in primary dysmenorrhea compared with healthy subjects. Gynecological Endocrinology, 2008, 24, 508-513.	1.7	44
98	Placental expression profiling in preeclampsia: local overproduction of hemoglobin may drive pathological changes. Fertility and Sterility, 2008, 90, 1834-1843.	1.0	74
99	Endometrial expression of vasopressin, oxytocin and their receptors in patients with primary dysmenorrhoea and healthy volunteers at ovulation. European Journal of Obstetrics, Gynecology and Reproductive Biology, 2008, 137, 189-192.	1.1	18
100	Monoamine transporters in human endometrium and decidua. Human Reproduction Update, 2008, 15, 249-260.	10.8	17
101	Decrease in REM latency and changes in sleep quality parallel serotonergic damage and recovery after MDMA: a longitudinal study over 180 days. International Journal of Neuropsychopharmacology, 2008, 11, 795-809.	2.1	20
102	Cerebral Inflammatory Response After Fetal Asphyxia and Hyperoxic Resuscitation in Newborn Sheep. Pediatric Research, 2007, 62, 71-77.	2.3	76
103	Increased fetal blood pressure response to maternal norepinephrine after pharmacological inhibition f norepinephrine uptake in pregnant sheep. Acta Paediatrica, International Journal of Paediatrics, 2007, 96, 650-654.	1.5	3
104	BCS1L is expressed in critical regions for neural development during ontogenesis in mice. Gene Expression Patterns, 2007, 7, 266-273.	0.8	17
105	The organic cation transporters (OCT1, OCT2, EMT) and the plasma membrane monoamine transporter (PMAT) show differential distribution and cyclic expression pattern in human endometrium and early pregnancy decidua. Molecular Reproduction and Development, 2007, 74, 1303-1311.	2.0	6
106	EGF-stimulated migration in ovarian cancer cells is associated with decreased internalization, increased surface expression, and increased shedding of the urokinase plasminogen activator receptor. Gynecologic Oncology, 2006, 101, 28-39.	1.4	29
107	Endometrial expression of the estrogen-sensitive genes MMP-26 and TIMP-4 is altered by a substitution protocol without down-regulation in IVF patients. Human Reproduction, 2006, 21, 3146-3156.	0.9	12
108	Endometrial TIMP-4 mRNA is expressed in the stroma, while TIMP-4 protein accumulates in the epithelium and is released to the uterine fluid. Molecular Human Reproduction, 2006, 12, 497-503.	2.8	12

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109	Lysophosphatidic Acid Binds to and Activates GPR92, a G Protein-Coupled Receptor Highly Expressed in Gastrointestinal Lymphocytes. Journal of Pharmacology and Experimental Therapeutics, 2006, 318, 619-628.	2.5	222
110	Histamine uptake by human endometrial cells expressing the organic cation transporter EMT and the vesicular monoamine transporter-2. Molecular Human Reproduction, 2006, 12, 483-489.	2.8	13
111	Gene expression profiling of human placentas from preeclamptic and normotensive pregnancies. Molecular Human Reproduction, 2006, 12, 169-179.	2.8	59
112	Differential localization and expression of urokinase plasminogen activator (uPA), its receptor (uPAR), and its inhibitor (PAI-1) mRNA and protein in endometrial tissue during the menstrual cycle. Molecular Human Reproduction, 2004, 10, 655-663.	2.8	38
113	Endometrial TIMP-4 mRNA is high at midcycle and in hyperplasia, but down-regulated in malignant tumours. Coordinated expression with MMP-26. Molecular Human Reproduction, 2004, 10, 641-650.	2.8	20
114	Oxytocin mRNA content in the endometrium of non-pregnant women. BJOG: an International Journal of Obstetrics and Gynaecology, 2004, 111, 266-270.	2.3	20
115	Norepinephrine Transporter (NET), Serotonin Transporter (SERT), Vesicular Monoamine Transporter (VMAT2) and Organic Cation Transporters (OCT1, 2 and EMT) in Human Placenta from Pre-eclamptic and Normotensive Pregnancies. Placenta, 2004, 25, 518-529.	1.5	97
116	Matrix metalloproteinase-26 (Matrilysin-2) expression is high in endometrial hyperplasia and decreases with loss of histological differentiation in endometrial cancer. Gynecologic Oncology, 2004, 94, 661-670.	1.4	29
117	Epithelial expression of matrix metalloproteinase-26 is elevated at mid-cycle in the human endometrium. Molecular Human Reproduction, 2003, 9, 271-277.	2.8	31
118	Plasma membrane and vesicular monoamine transporters in normal endometrium and early pregnancy decidua. Molecular Human Reproduction, 2003, 9, 389-394.	2.8	16
119	Dedifferentiation of serous ovarian cancer from cystic to solid tumors is associated with increased expression of mRNA for urokinase plasminogen activator (uPA), its receptor (uPAR) and its inhibitor (PAI-1). International Journal of Cancer, 2001, 92, 497-502.	5.1	45
120	Transient expression of a functional serotonin transporter in Merkel cells during late gestation and early postnatal rat development. Experimental Brain Research, 2000, 130, 401-409.	1.5	8
121	Difference in mRNA expression and occurrence of plasminogen activator inhibitors in intrauterine decidua of normal and ectopic human pregnancies. Human Fertility, 1999, 2, 127-132.	1.7	0
122	Regulation of norepinephrine transporter and tyrosine hydroxylase mRNAs after kainic acid-induced seizures. Brain Research, 1999, 842, 239-242.	2.2	18
123	Serotonin transporter messenger RNA expression in neural crest-derived structures and sensory pathways of the developing rat embryo. Neuroscience, 1999, 89, 243-265.	2.3	70
124	Localization and Dynamic Regulation of Biogenic Amine Transporters in the Mammalian Central Nervous System. Frontiers in Neuroendocrinology, 1998, 19, 187-231.	5.2	211
125	Ontogeny of vesicular monoamine transporter mRNAs VMAT1 and VMAT2. Developmental Brain Research, 1998, 110, 159-174.	1.7	29
126	Ontogeny of vesicular monoamine transporter mRNAs VMAT1 and VMAT2. Developmental Brain Research, 1998, 110, 135-158.	1.7	41