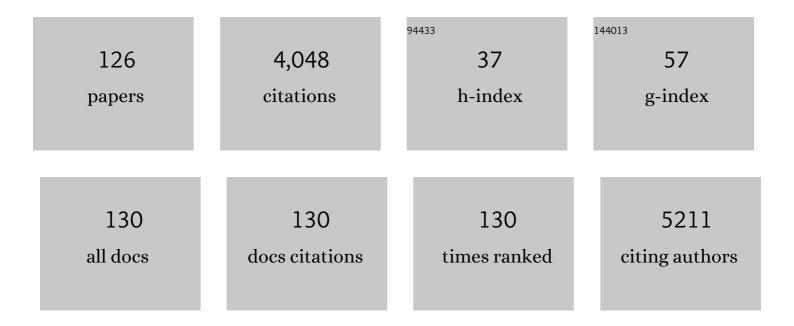
Stefan R Hansson

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	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
2	Localization and Dynamic Regulation of Biogenic Amine Transporters in the Mammalian Central Nervous System. Frontiers in Neuroendocrinology, 1998, 19, 187-231.	5.2	211
3	Strategy for Standardization of Preeclampsia Research Study Design. Hypertension, 2014, 63, 1293-1301.	2.7	155
4	Oxidative stress in preeclampsia and the role of free fetal hemoglobin. Frontiers in Physiology, 2014, 5, 516.	2.8	125
5	Feto-maternal interactions in pregnancies: Placental microparticles activate peripheral blood monocytes. Placenta, 2010, 31, 106-112.	1.5	117
6	Hemoglobin induces inflammation after preterm intraventricular hemorrhage by methemoglobin formation. Journal of Neuroinflammation, 2013, 10, 100.	7.2	101
7	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
8	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
9	Increased levels of cell-free hemoglobin, oxidation markers, and the antioxidative heme scavenger α1-microglobulin in preeclampsia. Free Radical Biology and Medicine, 2010, 48, 284-291.	2.9	87
10	Pathological Conditions Involving Extracellular Hemoglobin: Molecular Mechanisms, Clinical Significance, and Novel Therapeutic Opportunities for α ₁ -Microglobulin. Antioxidants and Redox Signaling, 2012, 17, 813-846.	5.4	87
11	Syncytiotrophoblast derived extracellular vesicles transfer functional placental miRNAs to primary human endothelial cells. Scientific Reports, 2017, 7, 4558.	3.3	86
12	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
13	Cerebral Inflammatory Response After Fetal Asphyxia and Hyperoxic Resuscitation in Newborn Sheep. Pediatric Research, 2007, 62, 71-77.	2.3	76
14	Placental expression profiling in preeclampsia: local overproduction of hemoglobin may drive pathological changes. Fertility and Sterility, 2008, 90, 1834-1843.	1.0	74
15	Perfusion of human placenta with hemoglobin introduces preeclampsia-like injuries that are prevented by $\hat{l}\pm 1$ -microglobulin. Placenta, 2011, 32, 323-332.	1.5	74
16	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
17	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
18	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

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19	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
20	Gene expression profiling of human placentas from preeclamptic and normotensive pregnancies. Molecular Human Reproduction, 2006, 12, 169-179.	2.8	59
21	Fetal hemoglobin and $\hat{l}\pm 1$ -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
22	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
23	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
24	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
25	A1M/ $\hat{l}\pm 1$ -Microglobulin Protects from Heme-Induced Placental and Renal Damage in a Pregnant Sheep Model of Preeclampsia. PLoS ONE, 2014, 9, e86353.	2.5	51
26	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
27	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
28	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
29	Reproductive hormones in plasma over the menstrual cycle in primary dysmenorrhea compared with healthy subjects. Gynecological Endocrinology, 2008, 24, 508-513.	1.7	44
30	Ontogeny of vesicular monoamine transporter mRNAs VMAT1 and VMAT2. Developmental Brain Research, 1998, 110, 135-158.	1.7	41
31	Fetal hemoglobin, α1-microglobulin and hemopexin are potential predictive first trimester biomarkers for preeclampsia. Pregnancy Hypertension, 2016, 6, 103-109.	1.4	41
32	Placenta-derived extracellular vesicles: their cargo and possible functions. Reproduction, Fertility and Development, 2017, 29, 433.	0.4	41
33	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
34	Inflammatory processes are specifically enhanced in endothelial cells by placental-derived TNF-α: Implications in preeclampsia (PE). Placenta, 2016, 43, 1-8.	1.5	40
35	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
36	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

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37	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
38	β-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
39	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
40	Extracellular fetal hemoglobin induces increases in glomerular permeability: inhibition with α ₁ -microglobulin and tempol. American Journal of Physiology - Renal Physiology, 2014, 306, F442-F448.	2.7	34
41	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
42	Differential Proteome Analysis of the Preeclamptic Placenta Using Optimized Protein Extraction. Journal of Biomedicine and Biotechnology, 2010, 2010, 1-9.	3.0	32
43	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
44	First Trimester Prediction of Preeclampsia. Current Hypertension Reports, 2015, 17, 584.	3.5	31
45	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
46	Ontogeny of vesicular monoamine transporter mRNAs VMAT1 and VMAT2. Developmental Brain Research, 1998, 110, 159-174.	1.7	29
47	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
48	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
49	Recombinant alpha-1-microglobulin: a potential treatment for preeclampsia. Drug Discovery Today, 2017, 22, 736-743.	6.4	29
50	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
51	Fetal hemoglobin in preeclampsia. Current Opinion in Obstetrics and Gynecology, 2013, 25, 448-455.	2.0	27
52	Altered Tryptophan Catabolism in Placentas From Women With Pre-eclampsia. International Journal of Tryptophan Research, 2019, 12, 117864691984032.	2.3	27
53	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
54	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

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55	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
56	The heme and radical scavenger α1-microglobulin (A1M) confers early protection of the immature brain following preterm intraventricular hemorrhage. Journal of Neuroinflammation, 2019, 16, 122.	7.2	23
57	Placental syncytiotrophoblast extracellular vesicles enter primary endothelial cells through clathrin-mediated endocytosis. Placenta, 2020, 100, 133-141.	1.5	23
58	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
59	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
60	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
61	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
62	Tissue proteome profiling of preeclamptic placenta using recombinant antibody microarrays. Proteomics - Clinical Applications, 2010, 4, 794-807.	1.6	20
63	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
64	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
65	Design of recombinant antibody microarrays for membrane protein profiling of cell lysates and tissue extracts. Proteomics, 2011, 11, 1550-1554.	2.2	19
66	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
67	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
68	Human radical scavenger α1-microglobulin protects against hemolysis in vitro and α1-microglobulin knockout mice exhibit a macrocytic anemia phenotype. Free Radical Biology and Medicine, 2021, 162, 149-159.	2.9	19
69	Regulation of norepinephrine transporter and tyrosine hydroxylase mRNAs after kainic acid-induced seizures. Brain Research, 1999, 842, 239-242.	2.2	18
70	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
71	The hemoglobin degradation pathway in patients with preeclampsia – Fetal hemoglobin, heme, heme oxygenase-1 and hemopexin – Potential diagnostic biomarkers?. Pregnancy Hypertension, 2018, 14, 273-278.	1.4	18
72	BCS1L is expressed in critical regions for neural development during ontogenesis in mice. Gene Expression Patterns, 2007, 7, 266-273.	0.8	17

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73	Monoamine transporters in human endometrium and decidua. Human Reproduction Update, 2008, 15, 249-260.	10.8	17
74	The Role of α1-Microglobulin (A1M) in Erythropoiesis and Erythrocyte Homeostasis—Therapeutic Opportunities in Hemolytic Conditions. International Journal of Molecular Sciences, 2020, 21, 7234.	4.1	17
75	Plasma membrane and vesicular monoamine transporters in normal endometrium and early pregnancy decidua. Molecular Human Reproduction, 2003, 9, 389-394.	2.8	16
76	Cell free hemoglobin in the fetoplacental circulation: a novel cause of fetal growth restriction?. FASEB Journal, 2018, 32, 5436-5446.	0.5	16
77	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
78	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
79	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
80	Plasma Heme Scavengers Alpha-1-Microglobulin and Hemopexin as Biomarkers in High-Risk Pregnancies. Frontiers in Physiology, 2019, 10, 300.	2.8	15
81	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
82	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
83	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
84	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
85	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
86	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
87	The rate and perioperative mortality of caesarean section in Sierra Leone. BMJ Global Health, 2019, 4, e001605.	4.7	12
88	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
89	An ecoimmunological approach to study evolutionary and ancient links between coagulation, complement and Innate immunity. Virulence, 2018, 9, 724-737.	4.4	11
90	Fetal hemoglobin in umbilical cord blood in preeclamptic and normotensive pregnancies: A cross-sectional comparative study. PLoS ONE, 2017, 12, e0176697.	2.5	11

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91	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
92	Hemopexin and α1-microglobulin heme scavengers with differential involvement in preeclampsia and fetal growth restriction. PLoS ONE, 2020, 15, e0239030.	2.5	10
93	Circulatory Effects of Inhaled Iloprost in the Newborn Preterm Lamb. Pediatric Research, 2009, 66, 416-422.	2.3	9
94	Knockout of the radical scavenger α1-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
95	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
96	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
97	Cardiovascular effects of severe late-onset preeclampsia are reversed within six months postpartum. Pregnancy Hypertension, 2020, 19, 18-24.	1.4	8
98	Myometrial oxytocin receptor mRNA concentrations at preterm and term delivery – the influence of external oxytocin. Gynecological Endocrinology, 2009, 25, 188-193.	1.7	7
99	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
100	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
101	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
102	Maternal Smoking during Pregnancy and Daughters' Preeclampsia Risk. PLoS ONE, 2015, 10, e0144207.	2.5	6
103	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
104	[167-POS]. Pregnancy Hypertension, 2015, 5, 86.	1.4	5
105	[97-POS]. Pregnancy Hypertension, 2015, 5, 53.	1.4	4
106	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
107	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
108	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

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109	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
110	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
111	Clobal Pregnancy Collaboration symposium on placental health: Summary and recommendations. Placenta, 2017, 52, 116-121.	1.5	3
112	<p>Reliability of recurrent pregnancy loss diagnosis coding in the Swedish National Patient Register: a validation study</p> . Clinical Epidemiology, 2019, Volume 11, 375-381.	3.0	3
113	Decision-making during obstetric emergencies: A narrative approach. PLoS ONE, 2022, 17, e0260277.	2.5	3
114	Tuberculosis infection and stillbirth in Ethiopia—A prospective cohort study. PLoS ONE, 2022, 17, e0261972.	2.5	3
115	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
116	Women´s experiences of preeclampsia as a condition of uncertainty: a qualitative study. BMC Pregnancy and Childbirth, 2022, 22, .	2.4	2
117	Maternal and fetal haemopexin and α1-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
118	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
119	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
120	PP006. Gene expression profiling of first trimester placentas from pregnancies at high risk of developing preeclampsia. Pregnancy Hypertension, 2013, 3, 69.	1.4	0
121	Title is missing!. , 2020, 15, e0239030.		0
122	Title is missing!. , 2020, 15, e0239030.		0
123	Title is missing!. , 2020, 15, e0239030.		0
124	Title is missing!. , 2020, 15, e0239030.		0
125	Title is missing!. , 2020, 15, e0239030.		0
126	Title is missing!. , 2020, 15, e0239030.		0