

Susan L Greenwood

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.

56 papers	1,247 citations	20 h-index	33 g-index
58 ext. papers	1,461 ext. citations	4.2 avg, IF	4.2 L-index

#	Paper	IF	Citations
56	Placental phenotypes of intrauterine growth. <i>Pediatric Research</i> , 2005 , 58, 827-32	3.2	200
55	Placental Adaptation: What Can We Learn from Birthweight:Placental Weight Ratio?. <i>Frontiers in Physiology</i> , 2016 , 7, 28	4.6	113
54	Maternal perception of reduced fetal movements is associated with altered placental structure and function. <i>PLoS ONE</i> , 2012 , 7, e34851	3.7	87
53	Selective Targeting of a Novel Vasodilator to the Uterine Vasculature to Treat Impaired Uteroplacental Perfusion in Pregnancy. <i>Theranostics</i> , 2017 , 7, 3715-3731	12.1	54
52	Expression and function of potassium channels in the human placental vasculature. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2006 , 291, R437-46	3.2	46
51	Sildenafil citrate increases fetal weight in a mouse model of fetal growth restriction with a normal vascular phenotype. <i>PLoS ONE</i> , 2013 , 8, e77748	3.7	41
50	Maternal obesity and its effect on placental cell turnover. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2013 , 26, 783-8	2	37
49	Expression of TASK and TREK, two-pore domain K ⁺ channels, in human myometrium. <i>Reproduction</i> , 2005 , 129, 525-30	3.8	36
48	Characterizing Villitis of Unknown Etiology and Inflammation in Stillbirth. <i>American Journal of Pathology</i> , 2016 , 186, 952-61	5.8	35
47	Effects of dietary nitrate supplementation, from beetroot juice, on blood pressure in hypertensive pregnant women: A randomised, double-blind, placebo-controlled feasibility trial. <i>Nitric Oxide - Biology and Chemistry</i> , 2018 , 80, 37-44	5	31
46	Placental Features of Late-Onset Adverse Pregnancy Outcome. <i>PLoS ONE</i> , 2015 , 10, e0129117	3.7	29
45	Detrimental effects of ethanol and its metabolite acetaldehyde, on first trimester human placental cell turnover and function. <i>PLoS ONE</i> , 2014 , 9, e87328	3.7	28
44	Tissue transglutaminase expression and activity in placenta. <i>Placenta</i> , 2006 , 27, 148-57	3.4	26
43	Reduced placental taurine transporter (TauT) activity in pregnancies complicated by pre-eclampsia and maternal obesity. <i>Advances in Experimental Medicine and Biology</i> , 2013 , 776, 81-91	3.6	25
42	Effect of maternal age and growth on placental nutrient transport: potential mechanisms for teenagers predisposition to small-for-gestational-age birth?. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2012 , 302, E233-42	6	24
41	Effect of drug efflux transporters on placental transport of antiretroviral agent abacavir. <i>Reproductive Toxicology</i> , 2015 , 57, 176-82	3.4	23
40	Nitric oxide and superoxide impair human placental amino acid uptake and increase Na ⁺ permeability: implications for fetal growth. <i>Free Radical Biology and Medicine</i> , 2004 , 36, 271-7	7.8	23

39	Reactivity of human placental chorionic plate vessels from pregnancies complicated by intrauterine growth restriction (IUGR). <i>Biology of Reproduction</i> , 2006 , 75, 518-23	3.9	22
38	Placental dysfunction is associated with altered microRNA expression in pregnant women with low folate status. <i>Molecular Nutrition and Food Research</i> , 2017 , 61, 1600646	5.9	21
37	Characterisation of K ⁺ channels in human fetoplacental vascular smooth muscle cells. <i>PLoS ONE</i> , 2013 , 8, e57451	3.7	20
36	Knowledge needed about the exchange physiology of the placenta. <i>Placenta</i> , 2018 , 64 Suppl 1, S9-S15	3.4	19
35	In vitro methods for studying human placental amino acid transport placental villous fragments. <i>Methods in Molecular Medicine</i> , 2006 , 122, 253-64		19
34	Equilibrative Nucleoside Transporter 1 (ENT1,) Facilitates Transfer of the Antiretroviral Drug Abacavir across the Placenta. <i>Drug Metabolism and Disposition</i> , 2018 , 46, 1817-1826	4	17
33	Acute and chronic modulation of placental chorionic plate artery reactivity by reactive oxygen species. <i>Free Radical Biology and Medicine</i> , 2009 , 47, 159-66	7.8	16
32	The problem with using the birthweight:placental weight ratio as a measure of placental efficiency. <i>Placenta</i> , 2018 , 68, 52-58	3.4	15
31	Chloride transport by human placental microvillous membrane vesicles. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1993 , 1153, 122-6	3.8	14
30	Intermediate conductance Ca ²⁺ -activated K ⁺ channels modulate human placental trophoblast syncytialization. <i>PLoS ONE</i> , 2014 , 9, e90961	3.7	14
29	Dietary interventions for fetal growth restriction - therapeutic potential of dietary nitrate supplementation in pregnancy. <i>Journal of Physiology</i> , 2017 , 595, 5095-5102	3.9	12
28	Localization of TASK and TREK, two-pore domain K ⁺ channels, in human cytotrophoblast cells. <i>Journal of the Society for Gynecologic Investigation</i> , 2005 , 12, 77-83		12
27	Nitrite mediated vasorelaxation in human chorionic plate vessels is enhanced by hypoxia and dependent on the NO-sGC-cGMP pathway. <i>Nitric Oxide - Biology and Chemistry</i> , 2018 , 80, 82-88	5	12
26	Mechanisms of solute transfer across the human placenta: effects of intrauterine growth restriction. <i>Fetal and Maternal Medicine Review</i> , 1998 , 10, 197-206		11
25	The kynurenine pathway; A new target for treating maternal features of preeclampsia?. <i>Placenta</i> , 2019 , 84, 44-49	3.4	10
24	Cell free hemoglobin in the fetoplacental circulation: a novel cause of fetal growth restriction?. <i>FASEB Journal</i> , 2018 , 32, 5436-5446	0.9	10
23	TASK channel expression in human placenta and cytotrophoblast cells. <i>Journal of the Society for Gynecologic Investigation</i> , 2006 , 13, 30-9		10
22	Beetroot juice lowers blood pressure and improves endothelial function in pregnant eNOS mice: importance of nitrate-independent effects. <i>Journal of Physiology</i> , 2020 , 598, 4079-4092	3.9	9

21	Effects of oxygen tension and normalization pressure on endothelin-induced constriction of human placental chorionic plate arteries. <i>Journal of the Society for Gynecologic Investigation</i> , 2005 , 12, 488-94		9
20	In Vitro Human Placental Studies to Support Adenovirus-Mediated VEGF-D Maternal Gene Therapy for the Treatment of Severe Early-Onset Fetal Growth Restriction. <i>Human Gene Therapy Clinical Development</i> , 2018 , 29, 10-23	3.2	9
19	Melatonin Increases Fetal Weight in Wild-Type Mice but Not in Mouse Models of Fetal Growth Restriction. <i>Frontiers in Physiology</i> , 2018 , 9, 1141	4.6	9
18	Increased placental macrophages and a pro-inflammatory profile in placentas and maternal serum in infants with a decreased growth rate in the third trimester of pregnancy. <i>American Journal of Reproductive Immunology</i> , 2020 , 84, e13267	3.8	8
17	Adaptations in Maternofetal Calcium Transport in Relation to Placental Size and Fetal Sex in Mice. <i>Frontiers in Physiology</i> , 2017 , 8, 1050	4.6	8
16	Effects of taurine depletion on human placental syncytiotrophoblast renewal and susceptibility to oxidative stress. <i>Advances in Experimental Medicine and Biology</i> , 2015 , 803, 63-73	3.6	8
15	Human placental uptake of glutamine and glutamate is reduced in fetal growth restriction. <i>Scientific Reports</i> , 2020 , 10, 16197	4.9	8
14	Oxygen-Sensitive K ⁺ Channels Modulate Human Chorionic Gonadotropin Secretion from Human Placental Trophoblast. <i>PLoS ONE</i> , 2016 , 11, e0149021	3.7	8
13	Pomegranate Juice Supplementation Alters Utero-Placental Vascular Function and Fetal Growth in the eNOS Mouse Model of Fetal Growth Restriction. <i>Frontiers in Physiology</i> , 2018 , 9, 1145	4.6	8
12	Effects of hydroxychloroquine on the human placenta-Findings from in vitro experimental data and a systematic review. <i>Reproductive Toxicology</i> , 2019 , 87, 50-59	3.4	7
11	In vitro assessment of mouse fetal abdominal aortic vascular function. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2014 , 307, R746-54	3.2	7
10	Evidence of adaptation of maternofetal transport of glutamine relative to placental size in normal mice, and in those with fetal growth restriction. <i>Journal of Physiology</i> , 2019 , 597, 4975-4990	3.9	6
9	The regulation of interleukin-6 secretion by prostanoids and members of the tumor necrosis factor superfamily in fresh villous fragments of term human placenta. <i>Journal of the Society for Gynecologic Investigation</i> , 2004 , 11, 141-8		6
8	A novel in vitro model of villitis of unknown etiology demonstrates altered placental hormone and cytokine profile. <i>American Journal of Reproductive Immunology</i> , 2017 , 78, e12725	3.8	5
7	Kynurenine Relaxes Arteries of Normotensive Women and Those With Preeclampsia. <i>Circulation Research</i> , 2021 , 128, 1679-1693	15.7	5
6	Patch clamp studies of human placental cytotrophoblast cells in culture. <i>Placenta</i> , 1993 , 14, 53-68	3.4	4
5	Targeted Delivery of Epidermal Growth Factor to the Human Placenta to Treat Fetal Growth Restriction. <i>Pharmaceutics</i> , 2021 , 13,	6.4	3
4	Grape Seed Extract Polyphenols Improve Resistance Artery Function in Pregnant eNOS Mice. <i>Frontiers in Physiology</i> , 2020 , 11, 588000	4.6	3

3	The atrial natriuretic peptide (ANP) knockout mouse does not exhibit the phenotypic features of pre-eclampsia or demonstrate fetal growth restriction. <i>Placenta</i> , 2016 , 42, 25-7	3.4	2
2	Mechanisms Underpinning Adaptations in Placental Calcium Transport in Normal Mice and Those With Fetal Growth Restriction. <i>Frontiers in Endocrinology</i> , 2018 , 9, 671	5.7	2
1	Investigation of the outcome of pregnancies complicated by increased fetal movements and their relation to underlying causes - A prospective cohort study. <i>Acta Obstetrica Et Gynecologica Scandinavica</i> , 2021 , 100, 91-100	3.8	1