

Fiona C Brownfoot

List of Publications by Citations

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Version: 2024-04-23

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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.

58
papers

1,070
citations

19
h-index

31
g-index

63
ext. papers

1,370
ext. citations

3.9
avg, IF

4.29
L-index

#	Paper	IF	Citations
58	Metformin as a prevention and treatment for preeclampsia: effects on soluble fms-like tyrosine kinase 1 and soluble endoglin secretion and endothelial dysfunction. <i>American Journal of Obstetrics and Gynecology</i> , 2016 , 214, 356.e1-356.e15	6.4	121
57	Effects of Pravastatin on Human Placenta, Endothelium, and Women With Severe Preeclampsia. <i>Hypertension</i> , 2015 , 66, 687-97; discussion 445	8.5	111
56	Different corticosteroids and regimens for accelerating fetal lung maturation for women at risk of preterm birth. <i>The Cochrane Library</i> , 2013 , CD006764	5.2	100
55	Proton Pump Inhibitors Decrease Soluble fms-Like Tyrosine Kinase-1 and Soluble Endoglin Secretion, Decrease Hypertension, and Rescue Endothelial Dysfunction. <i>Hypertension</i> , 2017 , 69, 457-468	8.5	84
54	Different corticosteroids and regimens for accelerating fetal lung maturation for women at risk of preterm birth. <i>Cochrane Database of Systematic Reviews</i> , 2008 , CD006764		62
53	Characterization of protocols for primary trophoblast purification, optimized for functional investigation of sFlt-1 and soluble endoglin. <i>Pregnancy Hypertension</i> , 2014 , 4, 287-95	2.6	45
52	Resveratrol inhibits release of soluble fms-like tyrosine kinase (sFlt-1) and soluble endoglin and improves vascular dysfunction - implications as a preeclampsia treatment. <i>Scientific Reports</i> , 2017 , 7, 1819	4.9	39
51	Sofalcone upregulates the nuclear factor (erythroid-derived 2)-like 2/heme oxygenase-1 pathway, reduces soluble fms-like tyrosine kinase-1, and quenches endothelial dysfunction: potential therapeutic for preeclampsia. <i>Hypertension</i> , 2015 , 65, 855-62	8.5	38
50	Effects of simvastatin, rosuvastatin and pravastatin on soluble fms-like tyrosine kinase 1 (sFlt-1) and soluble endoglin (SENG) secretion from human umbilical vein endothelial cells, primary trophoblast cells and placenta. <i>BMC Pregnancy and Childbirth</i> , 2016 , 16, 117	3.2	32
49	Maternal intramuscular dexamethasone versus betamethasone before preterm birth (ASTEROID): a multicentre, double-blind, randomised controlled trial. <i>The Lancet Child and Adolescent Health</i> , 2019 , 3, 769-780	14.5	29
48	Routine weighing to reduce excessive antenatal weight gain: a randomised controlled trial. <i>BJOG: an International Journal of Obstetrics and Gynaecology</i> , 2016 , 123, 254-61	3.7	28
47	EGFR (Epidermal Growth Factor Receptor) Signaling and the Mitochondria Regulate sFlt-1 (Soluble FMS-Like Tyrosine Kinase-1) Secretion. <i>Hypertension</i> , 2019 , 73, 659-670	8.5	27
46	A double blind, randomised, placebo-controlled trial to evaluate the efficacy of metformin to treat preterm pre-eclampsia (PI2 Trial): study protocol. <i>BMJ Open</i> , 2019 , 9, e025809	3	25
45	Combining metformin and esomeprazole is additive in reducing sFlt-1 secretion and decreasing endothelial dysfunction - implications for treating preeclampsia. <i>PLoS ONE</i> , 2018 , 13, e0188845	3.7	25
44	Heme Oxygenase-1 Is Not Decreased in Preeclamptic Placenta and Does Not Negatively Regulate Placental Soluble fms-Like Tyrosine Kinase-1 or Soluble Endoglin Secretion. <i>Hypertension</i> , 2015 , 66, 1073-81	8.5	24
43	YC-1 reduces placental sFlt-1 and soluble endoglin production and decreases endothelial dysfunction: A possible therapeutic for preeclampsia. <i>Molecular and Cellular Endocrinology</i> , 2015 , 413, 202-8	4.4	23
42	Sulfasalazine reduces placental secretion of antiangiogenic factors, up-regulates the secretion of placental growth factor and rescues endothelial dysfunction. <i>EBioMedicine</i> , 2019 , 41, 636-648	8.8	22

41	Knowledge Gaps and Emerging Research Areas in Intrauterine Growth Restriction-Associated Brain Injury. <i>Frontiers in Endocrinology</i> , 2019 , 10, 188	5.7	20
40	Pravastatin, proton-pump inhibitors, metformin, micronutrients, and biologics: new horizons for the prevention or treatment of preeclampsia. <i>American Journal of Obstetrics and Gynecology</i> , 2020 ,	6.4	19
39	Activating Transcription Factor 3 Is Reduced in Preeclamptic Placentas and Negatively Regulates sFlt-1 (Soluble fms-Like Tyrosine Kinase 1), Soluble Endoglin, and Proinflammatory Cytokines in Placenta. <i>Hypertension</i> , 2017 , 70, 1014-1024	8.5	16
38	Pravastatin as the statin of choice for reducing pre-eclampsia-associated endothelial dysfunction. <i>Pregnancy Hypertension</i> , 2020 , 20, 83-91	2.6	15
37	Jumonji Domain Containing Protein 6 Is Decreased in Human Preeclamptic Placentas and Regulates sFLT-1 Splice Variant Production. <i>Biology of Reproduction</i> , 2016 , 94, 59	3.9	14
36	Epidermal Growth Factor Rescues Endothelial Dysfunction in Primary Human Tissues In Vitro. <i>Reproductive Sciences</i> , 2017 , 24, 1245-1252	3	11
35	Women's opinions on being weighed at routine antenatal visits. <i>BJOG: an International Journal of Obstetrics and Gynaecology</i> , 2016 , 123, 263-70	3.7	11
34	Complex atypical hyperplasia of the endometrium: differences in outcome following conservative management of pre- and postmenopausal women. <i>Reproductive Sciences</i> , 2014 , 21, 1244-8	3	11
33	Novel approaches to combat preeclampsia: from new drugs to innovative delivery. <i>Placenta</i> , 2020 , 102, 10-16	3.4	10
32	Predictive Value of the Signs and Symptoms Preceding Eclampsia: A Systematic Review. <i>Obstetrics and Gynecology</i> , 2019 , 134, 677-684	4.9	9
31	Use of metformin to prolong gestation in preterm pre-eclampsia: randomised, double blind, placebo controlled trial. <i>BMJ, The</i> , 2021 , 374, n2103	5.9	8
30	Combining metformin and sulfasalazine additively reduces the secretion of antiangiogenic factors from the placenta: Implications for the treatment of preeclampsia. <i>Placenta</i> , 2020 , 95, 78-83	3.4	7
29	Nuclear factor of activated T-cells (NFAT) regulates soluble fms-like tyrosine kinase-1 secretion (sFlt-1) from human placenta. <i>Placenta</i> , 2016 , 48, 110-118	3.4	7
28	Steroid sulfatase is increased in the placentas and whole blood of women with early-onset preeclampsia. <i>Placenta</i> , 2016 , 48, 72-79	3.4	7
27	Loss of Akt increases soluble endoglin release from endothelial cells but not placenta. <i>Pregnancy Hypertension</i> , 2016 , 6, 95-102	2.6	6
26	sFlt-1 and soluble endoglin concentrations in serum vs plasma in preterm preeclampsia: Are they interchangeable for biomarker studies?. <i>Pregnancy Hypertension</i> , 2017 , 10, 18-21	2.6	6
25	Different corticosteroids and regimens for accelerating fetal lung maturation for women at risk of preterm birth 2007 ,		6
24	Effect of sildenafil citrate on circulating levels of sFlt-1 in preeclampsia. <i>Pregnancy Hypertension</i> , 2018 , 13, 1-6	2.6	5

23	Prediction of adverse maternal outcomes in preeclampsia at term. <i>Pregnancy Hypertension</i> , 2019 , 18, 75-81	2.6	5
22	Esomeprazole and sulfasalazine in combination additively reduce sFlt-1 secretion and diminish endothelial dysfunction: potential for a combination treatment for preeclampsia. <i>Pregnancy Hypertension</i> , 2020 , 22, 86-92	2.6	5
21	Sulfasalazine decreases soluble fms-like tyrosine kinase-1 secretion potentially via inhibition of upstream placental epidermal growth factor receptor signalling. <i>Placenta</i> , 2019 , 87, 53-57	3.4	4
20	Expectant management of severe preterm preeclampsia: a comparison of maternal and fetal indications for delivery. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2016 , 29, 3821-6	2	4
19	Systematic review of areca (betel nut) use and adverse pregnancy outcomes. <i>International Journal of Gynecology and Obstetrics</i> , 2019 , 147, 292-300	4	4
18	The incidence of hypertensive disorders of pregnancy following sperm donation in IVF: an Australian state-wide retrospective cohort study. <i>Human Reproduction</i> , 2019 , 34, 2541-2548	5.7	4
17	High-dose compared with low-dose oxytocin for induction of labour of nulliparous women at term. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2019 , 32, 362-368	2	4
16	EGFL7 gene expression is regulated by hypoxia in trophoblast and altered in the plasma of patients with early preeclampsia. <i>Pregnancy Hypertension</i> , 2018 , 14, 115-120	2.6	4
15	Vinorelbine Potently Induces Placental Cell Death, Does Not Harm Fertility and is a Potential Treatment for Ectopic Pregnancy. <i>EBioMedicine</i> , 2018 , 29, 166-176	8.8	3
14	Entropy Profiling for Detection of Fetal Arrhythmias in Short Length Fetal Heart Rate Recordings. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society IEEE Engineering in Medicine and Biology Society Annual International Conference</i> , 2020 , 2020, 621-624	0.9	3
13	Personalized Anatomic Modeling for Noninvasive Fetal ECG: Methodology and Applications. <i>IEEE Transactions on Instrumentation and Measurement</i> , 2021 , 70, 1-12	5.2	3
12	Nicotinamide and its effects on endothelial dysfunction and secretion of antiangiogenic factors by primary human placental cells and tissues. <i>Placenta</i> , 2021 , 109, 28-31	3.4	1
11	Circulating syndecan-1 is reduced in pregnancies with poor fetal growth and its secretion regulated by matrix metalloproteinases and the mitochondria. <i>Scientific Reports</i> , 2021 , 11, 16595	4.9	1
10	Growth trajectory of preterm small-for-gestational-age neonates. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2021 , 1-7	2	1
9	Time to resolution of tubal ectopic pregnancy following methotrexate treatment: A retrospective cohort study. <i>PLoS ONE</i> , 2022 , 17, e0268741	3.7	1
8	Disulfiram inhibits placental soluble FMS-like tyrosine kinase-1 and soluble endoglin secretion independent of the proteasome. <i>Pregnancy Hypertension</i> , 2018 , 14, 125-130	2.6	0
7	Placental growth factor is negatively regulated by epidermal growth factor receptor (EGFR) signaling. <i>Placenta</i> , 2021 , 114, 22-28	3.4	0
6	Accuracy of clinical suspicion of growth restriction at term despite a normal growth ultrasound: A retrospective cohort study. <i>Australian and New Zealand Journal of Obstetrics and Gynaecology</i> , 2020 , 60, 568-573	1.7	

- 5 Re: Pregnancy-associated plasma protein-A is positively correlated with first-trimester skin microvascular reactivity. C. Iacobaeus, T. Kahan, G. Jñeskog, K. Bremme, E. Andolf and M. Thorsell. *Ultrasound Obstet Gynecol* 2018; 51: 361-367. *Ultrasound in Obstetrics and Gynecology*, **2018**, 51, 305 5.8
- 4 Peptides do not prevent cleavage of endoglin to produce soluble endoglin. *Pregnancy Hypertension*, **2014**, 4, 255-8 2.6
- 3 Uterine artery embolisation associated with greater need for reintervention than surgical treatment for symptomatic uterine fibroids; quality of life similar though study underpowered. *Evidence-Based Medicine*, **2012**, 17, 87-8
- 2 Evaluation of Mesh and Sensor Resolution for Finite Element Modeling of Non-Invasive Fetal ECG Signals. *Annual International Conference of the IEEE Engineering in Medicine and Biology Society IEEE Engineering in Medicine and Biology Society Annual International Conference*, **2021**, 2021, 4134-4138 0.9
- 1 Management of late preterm preeclampsia: a comparison of maternal and fetal indications for delivery. *Journal of Maternal-Fetal and Neonatal Medicine*, **2021**, 1-10 2