

Shaun P Brennecke

List of Publications by Year in descending order

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Version: 2024-02-01

80
papers

1,720
citations

257450

24
h-index

315739

38
g-index

81
all docs

81
docs citations

81
times ranked

2182
citing authors

#	ARTICLE	IF	CITATIONS
1	Clinical interpretation and implementation of the sFlt-1/PlGF ratio in the prediction, diagnosis and management of preeclampsia. <i>Pregnancy Hypertension</i> , 2022, 27, 42-50.	1.4	55
2	Evaluation of epigenetic age calculators between preeclampsia and normotensive pregnancies in an Australian cohort. <i>Scientific Reports</i> , 2022, 12, 1664.	3.3	2
3	Prior term delivery increases risk of subsequent recurrent preterm birth: An unexpected finding. <i>Australian and New Zealand Journal of Obstetrics and Gynaecology</i> , 2022, , .	1.0	0
4	Previous term emergency caesarean section is a risk factor for recurrent spontaneous preterm birth; a retrospective cohort study. <i>European Journal of Obstetrics, Gynecology and Reproductive Biology</i> , 2022, 271, 108-111.	1.1	8
5	Mesenchymal Stem/Stromal Cells and Their Role in Oxidative Stress Associated with Preeclampsia.. <i>Yale Journal of Biology and Medicine</i> , 2022, 95, 115-127.	0.2	0
6	The placenta is the villain or victim in the pathogenesis of preeclampsia. <i>BJOG: an International Journal of Obstetrics and Gynaecology</i> , 2021, 128, 147-147.	2.3	5
7	The addition of fetal scalp blood lactate measurement as an adjunct to cardiotocography to reduce caesarean sections during labour: The Flamingo randomised controlled trial. <i>Australian and New Zealand Journal of Obstetrics and Gynaecology</i> , 2021, 61, 684-692.	1.0	5
8	Hypertensive disorders of pregnancy (HDP) management pathways: results of a Delphi survey to contextualise international recommendations for Indonesian primary care settings. <i>BMC Pregnancy and Childbirth</i> , 2021, 21, 269.	2.4	6
9	Late/post-term decidual basalis-derived mesenchymal stem/stromal cells show evidence of advanced ageing and downregulation of microRNA-516b-5p. <i>Placenta</i> , 2021, 109, 43-54.	1.5	1
10	Women's experiences of preeclampsia: a prospective survey of preeclamptic women at a single tertiary centre. <i>Journal of Obstetrics and Gynaecology</i> , 2020, 40, 65-69.	0.9	4
11	Decidual mesenchymal stem/stromal cell-derived extracellular vesicles ameliorate endothelial cell proliferation, inflammation, and oxidative stress in a cell culture model of preeclampsia. <i>Pregnancy Hypertension</i> , 2020, 22, 37-46.	1.4	19
12	Preterm birth prediction in asymptomatic women at mid-gestation using a panel of novel protein biomarkers: the Prediction of PreTerm Labor (PPeTaL) study. <i>American Journal of Obstetrics & Gynecology MFM</i> , 2020, 2, 100084.	2.6	16
13	Early Pregnancy Screening for Women at High-Risk of GDM Results in Reduced Neonatal Morbidity and Similar Maternal Outcomes to Routine Screening. <i>Journal of Pregnancy</i> , 2020, 2020, 1-6.	2.4	16
14	Prediction of preterm preeclampsia at midpregnancy using a multivariable screening algorithm. <i>Australian and New Zealand Journal of Obstetrics and Gynaecology</i> , 2020, 60, 675-682.	1.0	5
15	Functional changes in decidual mesenchymal stem/stromal cells are associated with spontaneous onset of labour. <i>Molecular Human Reproduction</i> , 2020, 26, 636-651.	2.8	9
16	Opportunities for improving hypertensive disorders of pregnancy (HDP) management in primary care settings: A review of international published guidelines in the context of pregnancy care in Indonesia. <i>Pregnancy Hypertension</i> , 2020, 19, 195-204.	1.4	4
17	NO placental inflammation. <i>Journal of Physiology</i> , 2020, 598, 2047-2048.	2.9	2
18	Midpregnancy testing for soluble fms-like tyrosine kinase 1 (sFlt-1) and placental growth factor (PlGF): An inter-assay comparison of three automated immunoassay platforms. <i>Placenta</i> , 2019, 86, 11-14.	1.5	3

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19	Maternal Loey's Dietz syndrome (transforming growth factor ligand 2) in a twin pregnancy: Case report and discussion. <i>SAGE Open Medical Case Reports</i> , 2019, 7, 2050313X1985253.	0.3	2
20	Optic nerve sonography and ophthalmic artery Doppler velocimetry in healthy pregnant women: an Australian cohort study. <i>Journal of Clinical Ultrasound</i> , 2019, 47, 531-539.	0.8	5
21	Analysis of the Epigenome in Multiplex Pre-eclampsia Families Identifies SORD, DGKI, and ICA1 as Novel Candidate Risk Genes. <i>Frontiers in Genetics</i> , 2019, 10, 227.	2.3	8
22	Midpregnancy prediction of pre-eclampsia using serum biomarkers sFlt-1 and PlGF. <i>Pregnancy Hypertension</i> , 2019, 16, 112-119.	1.4	7
23	Implications of the introduction of new criteria for the diagnosis of gestational diabetes: a health outcome and cost of care analysis. <i>BMJ Open</i> , 2019, 9, e023293.	1.9	45
24	Developing management pathways for hypertensive disorders of pregnancy (HDP) in Indonesian primary care: a study protocol. <i>Reproductive Health</i> , 2019, 16, 12.	3.1	6
25	Transferable Matrixes Produced from Decellularized Extracellular Matrix Promote Proliferation and Osteogenic Differentiation of Mesenchymal Stem Cells and Facilitate Scale-Up. <i>ACS Biomaterials Science and Engineering</i> , 2018, 4, 1760-1769.	5.2	20
26	Decidual ACVR2A regulates extravillous trophoblast functions of adhesion, proliferation, migration and invasion in vitro. <i>Pregnancy Hypertension</i> , 2018, 12, 189-193.	1.4	6
27	Accuracy of second trimester prediction of preterm preeclampsia by three different screening algorithms. <i>Australian and New Zealand Journal of Obstetrics and Gynaecology</i> , 2018, 58, 192-196.	1.0	17
28	Genetic Approaches in Preeclampsia. <i>Methods in Molecular Biology</i> , 2018, 1710, 53-72.	0.9	32
29	Altered downstream target gene expression of the placental Vitamin D receptor in human idiopathic fetal growth restriction. <i>Cell Cycle</i> , 2018, 17, 182-190.	2.6	7
30	Expression of Homeobox Gene HLX and its Downstream Target Genes are Altered in Placentae From Discordant Twin Pregnancies. <i>Twin Research and Human Genetics</i> , 2018, 21, 42-50.	0.6	4
31	Low-dose aspirin treatment enhances the adhesion of preeclamptic decidual mesenchymal stem/stromal cells and reduces their production of pro-inflammatory cytokines. <i>Journal of Molecular Medicine</i> , 2018, 96, 1215-1225.	3.9	20
32	Clinical features and outcomes of pregnancies complicated by pre-eclampsia necessitating in-utero transfer. <i>Pregnancy Hypertension</i> , 2018, 14, 162-167.	1.4	0
33	Assessing the sensitivity of placental growth factor and soluble fms-like tyrosine kinase 1 at 36 weeks gestation to predict small-for-gestational-age infants or late-onset preeclampsia: a prospective nested case-control study. <i>BMC Pregnancy and Childbirth</i> , 2018, 18, 354.	2.4	26
34	Setting the pace for labour. <i>Journal of Physiology</i> , 2018, 596, 2641-2642.	2.9	0
35	Mother Nature versus Father Time. <i>Journal of Physiology</i> , 2017, 595, 1849-1850.	2.9	0
36	Reduced aldehyde dehydrogenase expression in preeclamptic decidual mesenchymal stem/stromal cells is restored by aldehyde dehydrogenase agonists. <i>Scientific Reports</i> , 2017, 7, 42397.	3.3	17

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37	Native and solubilized decellularized extracellular matrix: A critical assessment of their potential for improving the expansion of mesenchymal stem cells. <i>Acta Biomaterialia</i> , 2017, 55, 1-12.	8.3	82
38	Expression of Biglycan in First Trimester Chorionic Villous Sampling Placental Samples and Altered Function in Telomerase-Immortalized Microvascular Endothelial Cells. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2017, 37, 1168-1179.	2.4	10
39	Melanoma in pregnancy. <i>Obstetric Medicine</i> , 2017, 10, 107-112.	1.1	33
40	Antiangiogenic effects of decorin restored by unfractionated, low molecular weight, and nonanticoagulant heparins. <i>Blood Advances</i> , 2017, 1, 1243-1253.	5.2	1
41	Placental Vitamin D-Binding Protein Expression in Human Idiopathic Fetal Growth Restriction. <i>Journal of Pregnancy</i> , 2017, 2017, 1-5.	2.4	12
42	Decellularized extracellular matrices produced from immortal cell lines derived from different parts of the placenta support primary mesenchymal stem cell expansion. <i>PLoS ONE</i> , 2017, 12, e0171488.	2.5	40
43	Changes in myometrial expression of progesterone receptor membrane components 1 and 2 are associated with human parturition at term. <i>Reproduction, Fertility and Development</i> , 2016, 28, 618.	0.4	9
44	Preeclampsia does not share common risk alleles in 9p21 with coronary artery disease and type 2 diabetes. <i>Annals of Medicine</i> , 2016, 48, 330-336.	3.8	2
45	Low-Dose Acetylsalicylic Acid Treatment Modulates the Production of Cytokines and Improves Trophoblast Function in an <i>in Vitro</i> Model of Early-Onset Preeclampsia. <i>American Journal of Pathology</i> , 2016, 186, 3217-3224.	3.8	60
46	Establishment and characterization of fetal and maternal mesenchymal stem/stromal cell lines from the human term placenta. <i>Placenta</i> , 2016, 39, 134-146.	1.5	38
47	Mesenchymal Stem/Stromal Cells Derived From a Reproductive Tissue Niche Under Oxidative Stress Have High Aldehyde Dehydrogenase Activity. <i>Stem Cell Reviews and Reports</i> , 2016, 12, 285-297.	5.6	41
48	Anti-angiogenic collagen fragment arresten is increased from 16 weeks' gestation in pre-eclamptic plasma. <i>Placenta</i> , 2015, 36, 1300-1309.	1.5	12
49	Protocol for a randomised controlled trial of fetal scalp blood lactate measurement to reduce caesarean sections during labour: the Flamingo trial [ACTRN12611000172909]. <i>BMC Pregnancy and Childbirth</i> , 2015, 15, 285.	2.4	11
50	Genome-Wide Transcriptome Directed Pathway Analysis of Maternal Pre-Eclampsia Susceptibility Genes. <i>PLoS ONE</i> , 2015, 10, e0128230.	2.5	61
51	Ectopic Bone Formation by Mesenchymal Stem Cells Derived from Human Term Placenta and the Decidua. <i>PLoS ONE</i> , 2015, 10, e0141246.	2.5	36
52	Predicting Preterm Labour: Current Status and Future Prospects. <i>Disease Markers</i> , 2015, 2015, 1-9.	1.3	62
53	First-Trimester Uterine Artery Doppler Analysis in the Prediction of Later Pregnancy Complications. <i>Disease Markers</i> , 2015, 2015, 1-10.	1.3	72
54	Effects of normal and high circulating concentrations of activin A on vascular endothelial cell functions and vasoactive factor production. <i>Pregnancy Hypertension</i> , 2015, 5, 346-353.	1.4	13

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55	Mesenchymal stem cells reside in a vascular niche in the decidua basalis and are absent in remodelled spiral arterioles. <i>Placenta</i> , 2015, 36, 312-321.	1.5	34
56	Recent developments in early pregnancy screening: are we getting closer to the Holy Grail?. <i>Medical Journal of Australia</i> , 2014, 200, 140-141.	1.7	2
57	First Trimester Biomarkers in the Prediction of Later Pregnancy Complications. <i>BioMed Research International</i> , 2014, 2014, 1-6.	1.9	27
58	Diminished hERG K ⁺ channel activity facilitates strong human labour contractions but is dysregulated in obese women. <i>Nature Communications</i> , 2014, 5, 4108.	12.8	46
59	Increased decidual mRNA expression levels of candidate maternal pre-eclampsia susceptibility genes are associated with clinical severity. <i>Placenta</i> , 2014, 35, 117-124.	1.5	25
60	Preeclampsia and cardiovascular disease share genetic risk factors on chromosome 2q22. <i>Pregnancy Hypertension</i> , 2014, 4, 178-185.	1.4	14
61	Contemporary Clinical Management of the Cerebral Complications of Preeclampsia. <i>Obstetrics and Gynecology International</i> , 2013, 2013, 1-10.	1.3	16
62	A Case of Adenomyosis with a High Titer of IgG Autoantibody to Calreticulin. <i>Journal of Investigative Medicine High Impact Case Reports</i> , 2013, 1, 232470961350998.	0.6	0
63	Cardiac function at term in human pregnancy. <i>Pregnancy Hypertension</i> , 2012, 2, 132-138.	1.4	9
64	Calreticulin in human pregnancy and pre-eclampsia. <i>Molecular Human Reproduction</i> , 2008, 14, 309-315.	2.8	21
65	“Maternal antecedents to cerebral palsy in preterm infants”™. <i>Developmental Medicine and Child Neurology</i> , 2007, 44, 498-498.	2.1	1
66	A cost-effectiveness analysis of the intrapartum fetal pulse oximetry multicentre randomised controlled trial (the FOREMOST trial). <i>BJOG: an International Journal of Obstetrics and Gynaecology</i> , 2006, 113, 1080-1087.	2.3	9
67	Paroxysmal nocturnal haemoglobinuria in pregnancy“ not to be confused with pre-eclampsia or HELLP syndrome. Case report and literature review. <i>Journal of Obstetrics and Gynaecology</i> , 2004, 24, 83-85.	0.9	11
68	Update on intrapartum fetal pulse oximetry. <i>Australian and New Zealand Journal of Obstetrics and Gynaecology</i> , 2002, 42, 23-28.	1.0	8
69	Team midwife care: maternal and infant outcomes. <i>Australian and New Zealand Journal of Obstetrics and Gynaecology</i> , 2001, 41, 257-264.	1.0	31
70	Genetic susceptibility to pre-eclampsia and chromosome 7q36. <i>Human Genetics</i> , 1999, 105, 641-647.	3.8	13
71	Genetic susceptibility to pre-eclampsia and chromosome 7q36. <i>Human Genetics</i> , 1999, 105, 641-647.	3.8	41
72	The eNos Gene: A Candidate for the Preeclampsia Susceptibility Locus?. <i>Hypertension in Pregnancy</i> , 1999, 18, 81-93.	1.1	32

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73	Intrapartum Fetal Oxygen Saturation Monitoring in Congenital Fetal Heart Block. Australian and New Zealand Journal of Obstetrics and Gynaecology, 1998, 38, 271-274.	1.0	14
74	AUTACOID INTERACTIONS IN THE REGULATION OF BLOOD FLOW IN THE HUMAN PLACENTA. Clinical and Experimental Pharmacology and Physiology, 1998, 25, 706-711.	1.9	10
75	Family history of pre-eclampsia as a predictor for pre-eclampsia in primigravidas. International Journal of Gynecology and Obstetrics, 1998, 60, 23-27.	2.3	126
76	Angiotensinogen gene variation in a population case-control study of preeclampsia/eclampsia in Australians and Chinese. Electrophoresis, 1997, 18, 1646-1649.	2.4	54
77	Nitric Oxide Metabolites in Normal Human Pregnancy and Preeclampsia. Hypertension in Pregnancy, 1995, 14, 339-349.	1.1	46
78	Is Angiotensinogen a Good Candidate Gene for Preeclampsia?. Hypertension in Pregnancy, 1995, 14, 251-260.	1.1	22
79	Bacterial Endotoxin Increases Type II Phospholipase A2 Immunoreactive Content and Phospholipase A2 Enzymatic Activity in Human Choriondecidua. Biology of Reproduction, 1994, 50, 526-534.	2.7	33
80	Genetics of Pre-Eclampsia. Hypertension in Pregnancy, 1993, 12, 1-23.	1.1	96