

# Shaun P Brennecke

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8650950/publications.pdf>

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	Family history of pre-eclampsia as a predictor for pre-eclampsia in primigravidas. <i>International Journal of Gynecology and Obstetrics</i> , 1998, 60, 23-27.	2.3	126
2	Genetics of Pre-Eclampsia. <i>Hypertension in Pregnancy</i> , 1993, 12, 1-23.	1.1	96
3	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
4	First-Trimester Uterine Artery Doppler Analysis in the Prediction of Later Pregnancy Complications. <i>Disease Markers</i> , 2015, 2015, 1-10.	1.3	72
5	Predicting Preterm Labour: Current Status and Future Prospects. <i>Disease Markers</i> , 2015, 2015, 1-9.	1.3	62
6	Genome-Wide Transcriptome Directed Pathway Analysis of Maternal Pre-Eclampsia Susceptibility Genes. <i>PLoS ONE</i> , 2015, 10, e0128230.	2.5	61
7	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
8	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
9	Angiotensinogen gene variation in a population case-control study of preeclampsia/eclampsia in Australians and Chinese. <i>Electrophoresis</i> , 1997, 18, 1646-1649.	2.4	54
10	Nitric Oxide Metabolites in Normal Human Pregnancy and Preeclampsia. <i>Hypertension in Pregnancy</i> , 1995, 14, 339-349.	1.1	46
11	Diminished hERG K <sup>+</sup> channel activity facilitates strong human labour contractions but is dysregulated in obese women. <i>Nature Communications</i> , 2014, 5, 4108.	12.8	46
12	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
13	Genetic susceptibility to pre-eclampsia and chromosome 7q36. <i>Human Genetics</i> , 1999, 105, 641-647.	3.8	41
14	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
15	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
16	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
17	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
18	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

#	ARTICLE	IF	CITATIONS
19	Bacterial Endotoxin Increases Type II Phospholipase A2 Immunoreactive Content and Phospholipase A2 Enzymatic Activity in Human Chorionic Decidua. <i>Biology of Reproduction</i> , 1994, 50, 526-534.	2.7	33
20	Melanoma in pregnancy. <i>Obstetric Medicine</i> , 2017, 10, 107-112.	1.1	33
21	The eNos Gene: A Candidate for the Preeclampsia Susceptibility Locus?. <i>Hypertension in Pregnancy</i> , 1999, 18, 81-93.	1.1	32
22	Genetic Approaches in Preeclampsia. <i>Methods in Molecular Biology</i> , 2018, 1710, 53-72.	0.9	32
23	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
24	First Trimester Biomarkers in the Prediction of Later Pregnancy Complications. <i>BioMed Research International</i> , 2014, 2014, 1-6.	1.9	27
25	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
26	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
27	Is Angiotensinogen a Good Candidate Gene for Preeclampsia?. <i>Hypertension in Pregnancy</i> , 1995, 14, 251-260.	1.1	22
28	Calreticulin in human pregnancy and pre-eclampsia. <i>Molecular Human Reproduction</i> , 2008, 14, 309-315.	2.8	21
29	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
30	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
31	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
32	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
33	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
34	Contemporary Clinical Management of the Cerebral Complications of Preeclampsia. <i>Obstetrics and Gynecology International</i> , 2013, 2013, 1-10.	1.3	16
35	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 &amp; Gynecology MFM</i> , 2020, 2, 100084.	2.6	16
36	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

#	ARTICLE	IF	CITATIONS
37	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
38	Preeclampsia and cardiovascular disease share genetic risk factors on chromosome 2q22. Pregnancy Hypertension, 2014, 4, 178-185.	1.4	14
39	Genetic susceptibility to pre-eclampsia and chromosome 7q36. Human Genetics, 1999, 105, 641-647.	3.8	13
40	Effects of normal and high circulating concentrations of activin A on vascular endothelial cell functions and vasoactive factor production. Pregnancy Hypertension, 2015, 5, 346-353.	1.4	13
41	Anti-angiogenic collagen fragment arresten is increased from 16 weeks' gestation in pre-eclamptic plasma. Placenta, 2015, 36, 1300-1309.	1.5	12
42	Placental Vitamin D-Binding Protein Expression in Human Idiopathic Fetal Growth Restriction. Journal of Pregnancy, 2017, 2017, 1-5.	2.4	12
43	Paroxysmal nocturnal haemoglobinuria in pregnancy not to be confused with pre-eclampsia or HELLP syndrome. Case report and literature review. Journal of Obstetrics and Gynaecology, 2004, 24, 83-85.	0.9	11
44	Protocol for a randomised controlled trial of fetal scalp blood lactate measurement to reduce caesarean sections during labour: the Flamingo trial [ACTRN12611000172909]. BMC Pregnancy and Childbirth, 2015, 15, 285.	2.4	11
45	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
46	Expression of Biglycan in First Trimester Chorionic Villous Sampling Placental Samples and Altered Function in Telomerase-Immortalized Microvascular Endothelial Cells. Arteriosclerosis, Thrombosis, and Vascular Biology, 2017, 37, 1168-1179.	2.4	10
47	A cost-effectiveness analysis of the intrapartum fetal pulse oximetry multicentre randomised controlled trial (the FOREMOST trial). BJOG: an International Journal of Obstetrics and Gynaecology, 2006, 113, 1080-1087.	2.3	9
48	Cardiac function at term in human pregnancy. Pregnancy Hypertension, 2012, 2, 132-138.	1.4	9
49	Changes in myometrial expression of progesterone receptor membrane components 1 and 2 are associated with human parturition at term. Reproduction, Fertility and Development, 2016, 28, 618.	0.4	9
50	Functional changes in decidual mesenchymal stem/stromal cells are associated with spontaneous onset of labour. Molecular Human Reproduction, 2020, 26, 636-651.	2.8	9
51	Update on intrapartum fetal pulse oximetry. Australian and New Zealand Journal of Obstetrics and Gynaecology, 2002, 42, 23-28.	1.0	8
52	Analysis of the Epigenome in Multiplex Pre-eclampsia Families Identifies SORD, DGKI, and ICA1 as Novel Candidate Risk Genes. Frontiers in Genetics, 2019, 10, 227.	2.3	8
53	Previous term emergency caesarean section is a risk factor for recurrent spontaneous preterm birth; a retrospective cohort study. European Journal of Obstetrics, Gynecology and Reproductive Biology, 2022, 271, 108-111.	1.1	8
54	Altered downstream target gene expression of the placental Vitamin D receptor in human idiopathic fetal growth restriction. Cell Cycle, 2018, 17, 182-190.	2.6	7

#	ARTICLE	IF	CITATIONS
55	Midpregnancy prediction of pre-eclampsia using serum biomarkers sFlt-1 and PlGF. <i>Pregnancy Hypertension</i> , 2019, 16, 112-119.	1.4	7
56	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
57	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
58	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
59	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
60	Prediction of preterm pre-eclampsia 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
61	The placenta is the villain or victim in the pathogenesis of pre-eclampsia. <i>BJOG: an International Journal of Obstetrics and Gynaecology</i> , 2021, 128, 147-147.	2.3	5
62	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
63	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
64	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
65	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
66	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
67	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
68	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
69	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
70	NO placental inflammation. <i>Journal of Physiology</i> , 2020, 598, 2047-2048.	2.9	2
71	Evaluation of epigenetic age calculators between preeclampsia and normotensive pregnancies in an Australian cohort. <i>Scientific Reports</i> , 2022, 12, 1664.	3.3	2
72	Maternal antecedents to cerebral palsy in preterm infants™. <i>Developmental Medicine and Child Neurology</i> , 2007, 44, 498-498.	2.1	1

#	ARTICLE	IF	CITATIONS
73	Antiangiogenic effects of decorin restored by unfractionated, low molecular weight, and nonanticoagulant heparins. <i>Blood Advances</i> , 2017, 1, 1243-1253.	5.2	1
74	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
75	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
76	Mother Nature <i>versus</i> Father Time. <i>Journal of Physiology</i> , 2017, 595, 1849-1850.	2.9	0
77	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
78	Setting the pace for labour. <i>Journal of Physiology</i> , 2018, 596, 2641-2642.	2.9	0
79	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
80	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