

Shannon A Bainbridge

List of Publications by Year in descending order

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47
papers

2,190
citations

331670

21
h-index

302126

39
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55
all docs

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docs citations

55
times ranked

2716
citing authors

#	ARTICLE	IF	CITATIONS
1	Placental Pathology as a Tool to Identify Women for Postpartum Cardiovascular Risk Screening following Preeclampsia: A Preliminary Investigation. <i>Journal of Clinical Medicine</i> , 2022, 11, 1576.	2.4	4
2	Automatic Placental Distal Villous Hypoplasia Scoring using a Deep Convolutional Neural Network Regression Model. , 2022, , .		4
3	Maternal and Cord Blood Metabolite Associations with Gestational Weight Gain and Pregnancy Health Outcomes. <i>Journal of Proteome Research</i> , 2021, 20, 1630-1638.	3.7	9
4	Placenta pathology in recipient versus donor oocyte derivation for in vitro fertilization in a setting of hypertensive disorders of pregnancy and IUGR. <i>Placenta</i> , 2021, 108, 114-121.	1.5	7
5	Placental morphology and the prediction of underlying cardiovascular risk factors. <i>European Journal of Obstetrics, Gynecology and Reproductive Biology</i> , 2021, 263, 56-61.	1.1	0
6	Fibrinogen-Like Protein 2-Associated Transcriptional and Histopathological Features of Immunological Preeclampsia. <i>Hypertension</i> , 2020, 76, 910-921.	2.7	6
7	Automated segmentation of villi in histopathology images of placenta. <i>Computers in Biology and Medicine</i> , 2019, 113, 103420.	7.0	13
8	Placental transcriptional and histologic subtypes of normotensive fetal growth restriction are comparable to Preeclampsia. <i>American Journal of Obstetrics and Gynecology</i> , 2019, 220, 110.e1-110.e21.	1.3	40
9	A synoptic framework and future directions for placental pathology reporting. <i>Placenta</i> , 2019, 77, 46-57.	1.5	23
10	A crucial role for maternal dietary methyl donor intake in epigenetic programming and fetal growth outcomes. <i>Nutrition Reviews</i> , 2018, 76, 469-478.	5.8	75
11	<i>Vaccinium angustifolium</i> (lowbush blueberry) leaf extract increases extravillous trophoblast cell migration and invasion in vitro. <i>Phytotherapy Research</i> , 2018, 32, 705-714.	5.8	5
12	Epigenetic regulation of placental gene expression in transcriptional subtypes of preeclampsia. <i>Clinical Epigenetics</i> , 2018, 10, 28.	4.1	63
13	The clinical heterogeneity of preeclampsia is related to both placental gene expression and placental histopathology. <i>American Journal of Obstetrics and Gynecology</i> , 2018, 219, 604.e1-604.e25.	1.3	76
14	A role for maternally derived myokines to optimize placental function and fetal growth across gestation. <i>Applied Physiology, Nutrition and Metabolism</i> , 2017, 42, 459-469.	1.9	12
15	Gene markers of normal villous maturation and their expression in placentas with maturational pathology. <i>Placenta</i> , 2017, 58, 52-59.	1.5	22
16	Placental Subtypes of Fetal Growth Restriction. <i>Placenta</i> , 2017, 57, 248.	1.5	2
17	Validation of an efficient method for applying stereology to clinical pathology practice. <i>Placenta</i> , 2017, 57, 285.	1.5	0
18	Molecular and Histological Concordance and Discordance of Placental Pathology in Transcriptional Subtypes of Preeclampsia. <i>Placenta</i> , 2017, 57, 319.	1.5	0

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19	Andr�e Gruslin award lecture: Metabolomics as an important modality to better understand preeclampsia. <i>Placenta</i> , 2017, 60, S32-S40.	1.5	14
20	Oocyte Donation Pregnancies and the Risk of Preeclampsia or Gestational Hypertension. <i>Obstetrical and Gynecological Survey</i> , 2016, 71, 410.	0.4	0
21	Unsupervised Placental Gene Expression Profiling Identifies Clinically Relevant Subclasses of Human Preeclampsia. <i>Hypertension</i> , 2016, 68, 137-147.	2.7	187
22	Epigenetic regulation of placental gene expression in transcriptional subclasses of preeclampsia. <i>Placenta</i> , 2016, 45, 122-123.	1.5	1
23	Can placental pathology identify women at high risk of cardiovascular disease following preeclampsia?. <i>Placenta</i> , 2016, 45, 119.	1.5	0
24	Oocyte donation pregnancies and the risk of preeclampsia or gestational hypertension: a systematic review and metaanalysis. <i>American Journal of Obstetrics and Gynecology</i> , 2016, 214, 328-339.	1.3	115
25	Effect of folic acid on human trophoblast health and function in vitro. <i>Placenta</i> , 2016, 37, 7-15.	1.5	30
26	Large Scale Aggregate Microarray Analysis Reveals Three Distinct Molecular Subclasses of Human Preeclampsia. <i>PLoS ONE</i> , 2015, 10, e0116508.	2.5	111
27	An integrated transcriptional, epigenetic, and clinical analysis of preeclamptic placentas. <i>Placenta</i> , 2015, 36, A7.	1.5	0
28	Layer-Enriched Tissue Dissection of the Mouse Placenta in Late Gestation. , 2014, , 529-535.		13
29	A role for SIRT1 in the regulation of placental cell invasion. <i>Placenta</i> , 2014, 35, A66.	1.5	0
30	Large cohort microarray analysis reveals multiple distinct subclasses of preeclampsia. <i>Placenta</i> , 2014, 35, A9.	1.5	0
31	Biomarker candidates for the identification of distinct molecular subclasses of preeclampsia. <i>Placenta</i> , 2014, 35, A80-A81.	1.5	0
32	Endothelial NO Synthase Augments Fetoplacental Blood Flow, Placental Vascularization, and Fetal Growth in Mice. <i>Hypertension</i> , 2013, 61, 259-266.	2.7	73
33	Endothelial Nitric Oxide Synthase Deficiency Reduces Uterine Blood Flow, Spiral Artery Elongation, and Placental Oxygenation in Pregnant Mice. <i>Hypertension</i> , 2012, 60, 231-238.	2.7	125
34	Effects of Reduced <i>Gcm1</i> Expression on Trophoblast Morphology, Fetoplacental Vascularity, and Pregnancy Outcomes in Mice. <i>Hypertension</i> , 2012, 59, 732-739.	2.7	61
35	Significance of IGFBP-4 in the Development of Fetal Growth Restriction. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2012, 97, E1429-E1439.	3.6	37
36	Uric acid attenuates trophoblast invasion and integration into endothelial cell monolayers. <i>American Journal of Physiology - Cell Physiology</i> , 2009, 297, C440-C450.	4.6	60

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37	Increased Xanthine Oxidase in the Skin of Preeclamptic Women. <i>Reproductive Sciences</i> , 2009, 16, 468-478.	2.5	17
38	Uric Acid Inhibits Placental System A Amino Acid Uptake. <i>Placenta</i> , 2009, 30, 195-200.	1.5	46
39	Human Placental Adenosine Receptor Expression is Elevated in Preeclampsia and Hypoxia Increases Expression of the A2A Receptor. <i>Placenta</i> , 2009, 30, 434-442.	1.5	47
40	Uric Acid as a Pathogenic Factor in Preeclampsia. <i>Placenta</i> , 2008, 29, 67-72.	1.5	201
41	RETIRED: Diagnosis, Evaluation, and Management of the Hypertensive Disorders of Pregnancy. <i>Journal of Obstetrics and Gynaecology Canada</i> , 2008, 30, S1-S2.	0.7	372
42	Glyceryl Trinitrate Inhibits Hypoxia/Reoxygenation-Induced Apoptosis in the Syncytiotrophoblast of the Human Placenta. <i>American Journal of Pathology</i> , 2007, 170, 909-920.	3.8	18
43	Carbon Monoxide Inhibits Hypoxia/Reoxygenation-Induced Apoptosis and Secondary Necrosis in Syncytiotrophoblast. <i>American Journal of Pathology</i> , 2006, 169, 774-783.	3.8	60
44	The effect of nicotine on in vitro placental perfusion pressure. <i>Canadian Journal of Physiology and Pharmacology</i> , 2006, 84, 953-957.	1.4	17
45	HO in pregnancy. <i>Free Radical Biology and Medicine</i> , 2005, 38, 979-988.	2.9	76
46	Direct placental effects of cigarette smoke protect women from pre-eclampsia: the specific roles of carbon monoxide and antioxidant systems in the placenta. <i>Medical Hypotheses</i> , 2005, 64, 17-27.	1.5	82
47	Carbon Monoxide Decreases Perfusion Pressure in Isolated Human Placenta. <i>Placenta</i> , 2002, 23, 563-569.	1.5	58