

James J. Walker

List of Publications by Citations

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135
papers

7,066
citations

39
h-index

82
g-index

150
ext. papers

7,963
ext. citations

6
avg, IF

5.47
L-index

#	Paper	IF	Citations
135	Combinations of maternal KIR and fetal HLA-C genes influence the risk of preeclampsia and reproductive success. <i>Journal of Experimental Medicine</i> , 2004 , 200, 957-65	16.6	819
134	Pre-eclampsia. <i>Lancet, The</i> , 2000 , 356, 1260-5	40	520
133	Trends in postpartum hemorrhage in high resource countries: a review and recommendations from the International Postpartum Hemorrhage Collaborative Group. <i>BMC Pregnancy and Childbirth</i> , 2009 , 9, 55	3.2	399
132	Maternal activating KIRs protect against human reproductive failure mediated by fetal HLA-C2. <i>Journal of Clinical Investigation</i> , 2010 , 120, 4102-10	15.9	336
131	Prediction of adverse maternal outcomes in pre-eclampsia: development and validation of the fullPIERS model. <i>Lancet, The</i> , 2011 , 377, 219-27	40	306
130	Clinical risk prediction for pre-eclampsia in nulliparous women: development of model in international prospective cohort. <i>BMJ, The</i> , 2011 , 342, d1875	5.9	286
129	Randomised clinical trials of fish oil supplementation in high risk pregnancies. Fish Oil Trials In Pregnancy (FOTIP) Team. <i>BJOG: an International Journal of Obstetrics and Gynaecology</i> , 2000 , 107, 382-93	3.7	244
128	The pre-eclampsia community guideline (PRECOG): how to screen for and detect onset of pre-eclampsia in the community. <i>BMJ, The</i> , 2005 , 330, 576-80	5.9	220
127	Genetic and familial predisposition to eclampsia and pre-eclampsia in a defined population. <i>BJOG: an International Journal of Obstetrics and Gynaecology</i> , 1990 , 97, 762-9	3.7	203
126	Antioxidant systems in normal pregnancy and in pregnancy-induced hypertension. <i>American Journal of Obstetrics and Gynecology</i> , 1991 , 165, 1701-4	6.4	193
125	Early pregnancy prediction of preeclampsia in nulliparous women, combining clinical risk and biomarkers: the Screening for Pregnancy Endpoints (SCOPE) international cohort study. <i>Hypertension</i> , 2014 , 64, 644-52	8.5	165
124	The influence of donated gametes on the incidence of hypertensive disorders of pregnancy. <i>Human Reproduction</i> , 1999 , 14, 2268-73	5.7	163
123	Sympathetic neural mechanisms in normal and hypertensive pregnancy in humans. <i>Circulation</i> , 2001 , 104, 2200-4	16.7	147
122	Evidence of a T(H) 1 type response associated with recurrent miscarriage. <i>Fertility and Sterility</i> , 2000 , 73, 1206-8	4.8	137
121	Variants in the fetal genome near FLT1 are associated with risk of preeclampsia. <i>Nature Genetics</i> , 2017 , 49, 1255-1260	36.3	118
120	Angiotensinogen: a candidate gene involved in preeclampsia?. <i>Nature Genetics</i> , 1993 , 4, 114-5	36.3	118
119	Outcomes of severe pre-eclampsia/eclampsia in Yorkshire 1999/2003. <i>BJOG: an International Journal of Obstetrics and Gynaecology</i> , 2005 , 112, 875-80	3.7	116

118	Evidence for a familial pregnancy-induced hypertension locus in the eNOS-gene region. <i>American Journal of Human Genetics</i> , 1997 , 61, 354-62	11	113
117	Subsequent obstetric performance related to primary mode of delivery. <i>BJOG: an International Journal of Obstetrics and Gynaecology</i> , 1999 , 106, 227-32	3.7	100
116	Evidence for the existence of a novel pregnancy-associated soluble variant of the vascular endothelial growth factor receptor, Flt-1. <i>Molecular Human Reproduction</i> , 1998 , 4, 377-86	4.4	93
115	Ectopic pregnancy. <i>Clinical Obstetrics and Gynecology</i> , 2007 , 50, 89-99	1.7	89
114	Prevalence and predictors of alcohol use during pregnancy: findings from international multicentre cohort studies. <i>BMJ Open</i> , 2015 , 5, e006323	3	78
113	Current CHS and NHBPEP criteria for severe preeclampsia do not uniformly predict adverse maternal or perinatal outcomes. <i>Hypertension in Pregnancy</i> , 2007 , 26, 447-62	2	76
112	Sympathetic nerve discharge in normal pregnancy and pregnancy-induced hypertension. <i>Journal of Hypertension</i> , 1998 , 16, 617-24	1.9	75
111	Matrix metalloproteinases and their tissue inhibitors in preterm perinatal complications. <i>Reproductive Sciences</i> , 2007 , 14, 629-45	3	67
110	The carriage of pro-inflammatory cytokine gene polymorphisms in recurrent pregnancy loss. <i>American Journal of Reproductive Immunology</i> , 2001 , 45, 35-40	3.8	65
109	Antioxidants: their role in pregnancy and miscarriage. <i>Antioxidants and Redox Signaling</i> , 2000 , 2, 623-8	8.4	64
108	The magnitude of sympathetic hyperactivity in pregnancy-induced hypertension and preeclampsia. <i>American Journal of Hypertension</i> , 2003 , 16, 194-9	2.3	58
107	Metabolic syndrome in pregnancy and risk for adverse pregnancy outcomes: A prospective cohort of nulliparous women. <i>PLoS Medicine</i> , 2018 , 15, e1002710	11.6	55
106	Recurrent miscarriage is associated with increased numbers of CD5/20 positive lymphocytes and an increased incidence of thyroid antibodies. <i>European Journal of Endocrinology</i> , 1996 , 134, 84-6	6.5	53
105	Association between maternal alcohol consumption in early pregnancy and pregnancy outcomes. <i>Obstetrics and Gynecology</i> , 2013 , 122, 830-837	4.9	50
104	Gestational effects on host inflammatory response in normal and pre-eclamptic pregnancies. <i>European Journal of Obstetrics, Gynecology and Reproductive Biology</i> , 2008 , 140, 21-6	2.4	50
103	Transabdominal cervico-isthmic cerclage in the management of cervical incompetence. <i>European Journal of Obstetrics, Gynecology and Reproductive Biology</i> , 1997 , 72, 127-30	2.4	48
102	Caffeine intake during pregnancy, late miscarriage and stillbirth. <i>European Journal of Epidemiology</i> , 2010 , 25, 275-80	12.1	46
101	Can platelet volume predict progressive hypertensive disease in pregnancy?. <i>American Journal of Obstetrics and Gynecology</i> , 1989 , 161, 676-9	6.4	42

100	Assessing the onset of pre-eclampsia in the hospital day unit: summary of the pre-eclampsia guideline (PRECOG II). <i>BMJ, The</i> , 2009 , 339, b3129	5.9	41
99	Altered interleukin 12 and nitric oxide levels in recurrent miscarriage. <i>European Journal of Obstetrics, Gynecology and Reproductive Biology</i> , 1997 , 75, 211-4	2.4	41
98	A randomised controlled trial to compare the effectiveness of ice-packs and Epifoam with cooling maternity gel pads at alleviating postnatal perineal trauma. <i>Midwifery</i> , 2000 , 16, 48-55	2.8	41
97	Thyroid antibody titer and avidity in patients with recurrent miscarriage. <i>Fertility and Sterility</i> , 1999 , 71, 558-61	4.8	40
96	Abnormal cytokine levels in non-pregnant women with a history of recurrent miscarriage. <i>European Journal of Obstetrics, Gynecology and Reproductive Biology</i> , 2004 , 115, 51-4	2.4	38
95	Multiplex determination of murine seminal fluid cytokine profiles. <i>Reproduction</i> , 2006 , 131, 613-21	3.8	37
94	Murine serum cytokines throughout the estrous cycle, pregnancy and post partum period. <i>Animal Reproduction Science</i> , 2006 , 96, 54-65	2.1	37
93	Erythrocyte glutathione balance and membrane stability during preeclampsia. <i>Free Radical Biology and Medicine</i> , 1998 , 24, 1049-55	7.8	34
92	Pregnancy loss managed by cervical dilatation and curettage increases the risk of spontaneous preterm birth. <i>Human Reproduction</i> , 2013 , 28, 3197-206	5.7	33
91	Hypertensive Drugs in Pregnancy. <i>Clinics in Perinatology</i> , 1991 , 18, 845-873	2.8	33
90	Clinical prediction in early pregnancy of infants small for gestational age by customised birthweight centiles: findings from a healthy nulliparous cohort. <i>PLoS ONE</i> , 2013 , 8, e70917	3.7	32
89	Exploration and confirmation of factors associated with uncomplicated pregnancy in nulliparous women: prospective cohort study. <i>BMJ, The</i> , 2013 , 347, f6398	5.9	31
88	The National Sentinel Caesarean Section Audit. <i>BJOG: an International Journal of Obstetrics and Gynaecology</i> , 2000 , 107, 579-80	3.7	31
87	Genetic predisposition to hypertension is associated with preeclampsia in European and Central Asian women. <i>Nature Communications</i> , 2020 , 11, 5976	17.4	30
86	Changes in immunologic parameters in normal pregnancy and spontaneous abortion. <i>American Journal of Obstetrics and Gynecology</i> , 1991 , 165, 890-5	6.4	30
85	Antioxidants and inflammatory cell response in preeclampsia. <i>Seminars in Reproductive Medicine</i> , 1998 , 16, 47-55	1.4	29
84	Pre-pregnancy fast food and fruit intake is associated with time to pregnancy. <i>Human Reproduction</i> , 2018 , 33, 1063-1070	5.7	27
83	Determinants of perinatal outcome in pregnancy-induced hypertension with absence of umbilical artery end-diastolic frequencies. <i>American Journal of Obstetrics and Gynecology</i> , 1991 , 164, 1084-9	6.4	27

82	Prediction of Small for Gestational Age Infants in Healthy Nulliparous Women Using Clinical and Ultrasound Risk Factors Combined with Early Pregnancy Biomarkers. <i>PLoS ONE</i> , 2017 , 12, e0169311	3.7	27
81	Aromatic amino acid biomarkers of preeclampsia--a nuclear magnetic resonance investigation. <i>Hypertension in Pregnancy</i> , 2008 , 27, 225-35	2	23
80	Management of women who use drugs during pregnancy. <i>Seminars in Fetal and Neonatal Medicine</i> , 2007 , 12, 114-8	3.7	22
79	Abnormal first trimester serum interleukin 18 levels are associated with a poor outcome in women with a history of recurrent miscarriage. <i>American Journal of Reproductive Immunology</i> , 2004 , 51, 156-9	3.8	22
78	Severe pre-eclampsia and eclampsia. <i>Best Practice and Research in Clinical Obstetrics and Gynaecology</i> , 2000 , 14, 57-71	4.6	22
77	Renin gene restriction fragment length polymorphisms do not show linkage with preeclampsia and eclampsia. <i>Acta Obstetrica Et Gynecologica Scandinavica</i> , 1994 , 73, 10-3	3.8	22
76	Interleukin-4 -590 (C>T), toll-like receptor-2 +2258 (G>A) and matrix metalloproteinase-9 -1562 (C>T) polymorphisms in pre-eclampsia. <i>BJOG: an International Journal of Obstetrics and Gynaecology</i> , 2008 , 115, 1052-6; discussion 1056	3.7	21
75	Plasma from women with preeclampsia has a low lipid and ketone body content--a nuclear magnetic resonance study. <i>Hypertension in Pregnancy</i> , 2007 , 26, 329-42	2	21
74	Prostacyclin, thromboxane and antioxidant levels in pregnancy-induced hypertension. <i>European Journal of Obstetrics, Gynecology and Reproductive Biology</i> , 1993 , 50, 243-50	2.4	21
73	Host inflammatory response profiling in preeclampsia using an in vitro whole blood stimulation model. <i>Hypertension in Pregnancy</i> , 2008 , 27, 1-16	2	20
72	Uterine ultrasonographic changes with gonadotropin-releasing hormone agonists. <i>American Journal of Obstetrics and Gynecology</i> , 1999 , 180, 8-13	6.4	20
71	Photoperiod at conception predicts C677T-MTHFR genotype: A novel gene-environment interaction. <i>American Journal of Human Biology</i> , 2010 , 22, 484-9	2.7	19
70	Uterine and serum cytokine arrays in the mouse during estrus. <i>Animal Reproduction Science</i> , 2007 , 100, 301-10	2.1	18
69	Care of the patient with severe pregnancy induced hypertension. <i>European Journal of Obstetrics, Gynecology and Reproductive Biology</i> , 1996 , 65, 127-35	2.4	18
68	Inflammation and preeclampsia. <i>Pregnancy Hypertension</i> , 2011 , 1, 43-7	2.6	17
67	A prospective analysis of the role of uterine artery Doppler waveform notching in the assessment of at-risk pregnancies. <i>Hypertension in Pregnancy</i> , 2005 , 24, 137-45	2	17
66	Drugs of abuse in pregnancy. <i>Best Practice and Research in Clinical Obstetrics and Gynaecology</i> , 2001 , 15, 987-98	4.6	17
65	Production of prostacyclin and thromboxane A2 in mononuclear cells from preeclamptic women. <i>American Journal of Obstetrics and Gynecology</i> , 1993 , 169, 1106-11	6.4	17

64	Normal superoxide dismutase (SOD) gene in pregnancy-induced hypertension: is the decreased SOD activity a secondary phenomenon?. <i>Free Radical Research</i> , 1994 , 21, 59-66	4	17
63	Pre-eclampsia, severe pre-eclampsia and hemolysis, elevated liver enzymes and low platelets syndrome: what is new?. <i>Women's Health</i> , 2011 , 7, 555-69	3	16
62	Malignant primary hypertension in pregnancy treated with lisinopril. <i>Annals of Pharmacotherapy</i> , 2000 , 34, 180-2	2.9	16
61	Glutathione levels and miscarriage. <i>Fertility and Sterility</i> , 2000 , 74, 1257-8	4.8	16
60	Clinical and biochemical factors associated with preeclampsia in women with obesity. <i>Obesity</i> , 2017 , 25, 460-467	8	14
59	The deleterious effects of cannabis during pregnancy on neonatal outcomes. <i>Medical Journal of Australia</i> , 2020 , 212, 519-524	4	14
58	Asthma treatment impacts time to pregnancy: evidence from the international SCOPE study. <i>European Respiratory Journal</i> , 2018 , 51,	13.6	14
57	Prolonged pregnancy syndrome. <i>American Journal of Obstetrics and Gynecology</i> , 1958 , 76, 1231-47	6.4	14
56	Influencing public health policy with data-informed mathematical models of infectious diseases: Recent developments and new challenges. <i>Epidemics</i> , 2020 , 32, 100393	5.1	14
55	Imidazole-based erythrocyte markers of oxidative stress in preeclampsia--an NMR investigation. <i>Reproductive Sciences</i> , 2009 , 16, 1040-51	3	13
54	Regulation of maternal serum and amniotic fluid cytokine profiles in the mouse: possible roles in the onset of labour. <i>Journal of Reproductive Immunology</i> , 2007 , 75, 97-105	4.2	12
53	Hemagglutination test for specific antibodies in dysentery caused by <i>Shigella sonnei</i> . <i>American Journal of Clinical Pathology</i> , 1954 , 24, 1424-9	1.9	12
52	Solar cycle predicts folate-sensitive neonatal genotypes at discrete phases of the first trimester of pregnancy: a novel folate-related human embryo loss hypothesis. <i>Medical Hypotheses</i> , 2012 , 79, 210-5	3.8	11
51	A digital system for recording the electrical activity of the uterus. <i>Physiological Measurement</i> , 2001 , 22, 673-9	2.9	11
50	A double-blind randomised trial of leuprorelin acetate prior to hysterectomy for dysfunctional uterine bleeding. <i>BJOG: an International Journal of Obstetrics and Gynaecology</i> , 2000 , 107, 323-8	3.7	11
49	Abnormal immunoglobulin subclass patterns in women with a history of recurrent miscarriage. <i>Fertility and Sterility</i> , 2001 , 76, 915-7	4.8	11
48	Planned home birth. <i>Best Practice and Research in Clinical Obstetrics and Gynaecology</i> , 2017 , 43, 76-86	4.6	10
47	Birth underwater: sink or swim. <i>BJOG: an International Journal of Obstetrics and Gynaecology</i> , 1994 , 101, 467-8	3.7	10

46	Does the brachial artery Doppler flow velocity waveform reflect changes in downstream impedance?. <i>American Journal of Obstetrics and Gynecology</i> , 1991 , 165, 1741-4	6.4	9
45	Dimethylsulfoxide oxidizes glutathione in vitro and in human erythrocytes: kinetic analysis by 1H NMR. <i>Cryobiology</i> , 2005 , 50, 317-24	2.7	8
44	The effect of acute and chronic antihypertensive therapy on maternal and fetoplacental Doppler velocimetry. <i>European Journal of Obstetrics, Gynecology and Reproductive Biology</i> , 1992 , 43, 193-9	2.4	8
43	Oxidation of erythrocyte glutathione by monocytes stimulated with interleukin-6. Analysis by 1H spin echo NMR. <i>Clinica Chimica Acta</i> , 1998 , 270, 115-24	6.2	7
42	Clinical, ultrasound and molecular biomarkers for early prediction of large for gestational age infants in nulliparous women: An international prospective cohort study. <i>PLoS ONE</i> , 2017 , 12, e0178484	3.7	6
41	Trends in Postpartum Hemorrhage in High Resource Countries: A Review and Recommendations From the International Postpartum Hemorrhage Collaborative Group. <i>Obstetrical and Gynecological Survey</i> , 2010 , 65, 211-212	2.4	6
40	Innovations in teaching obstetrics and gynaecology--the Theme Afternoon. <i>Medical Education</i> , 1998 , 32, 517-21	3.7	6
39	Antenatal risk factors associated with neonatal morbidity in large-for-gestational-age infants: an international prospective cohort study. <i>Acta Obstetrica Et Gynecologica Scandinavica</i> , 2018 , 97, 1015-1024	3.8	5
38	Does nausea and vomiting of pregnancy play a role in the association found between maternal caffeine intake and fetal growth restriction?. <i>Maternal and Child Health Journal</i> , 2013 , 17, 601-8	2.4	5
37	How should we approach the management of pelvic pain?. <i>Gynecologic and Obstetric Investigation</i> , 1998 , 45 Suppl 1, 6-10; discussion 10-1, 35	2.5	5
36	Decreasing estrogen in nonpregnant women lowers uterine myometrial type I nitric oxide synthase protein expression. <i>American Journal of Obstetrics and Gynecology</i> , 1999 , 181, 25-30	6.4	5
35	Umbilical artery flow velocity waveforms and cord blood viscosity. <i>American Journal of Perinatology</i> , 1991 , 8, 239-43	3.3	5
34	Gynaecological malignant disease in the eastern region of Scotland. 1. Malignant disease of the body of the uterus. <i>BJOG: an International Journal of Obstetrics and Gynaecology</i> , 1962 , 69, 553-64	3.7	5
33	Lifestyle and pregnancy complications in polycystic ovary syndrome: The SCOPE cohort study. <i>Clinical Endocrinology</i> , 2019 , 90, 814-821	3.4	5
32	The duration of sexual relationship and its effects on adverse pregnancy outcomes. <i>Journal of Reproductive Immunology</i> , 2018 , 128, 16-22	4.2	5
31	HELLP syndrome. <i>The Obstetrician and Gynaecologist</i> , 2003 , 5, 149-154	0.9	4
30	Umbilical artery and uteroplacental velocimetry in pregnancies complicated by idiopathic low birthweight centile. <i>American Journal of Perinatology</i> , 1992 , 9, 250-3	3.3	4
29	Effect of Birth Weight and Early Pregnancy BMI on Risk for Pregnancy Complications. <i>Obesity</i> , 2019 , 27, 237-244	8	4

28	Prognostic value of antenatal screening. <i>American Journal of Obstetrics and Gynecology</i> , 1976 , 124, 30-8	6.4	3
27	XXXVI. The electrolysis of sodium ortho-ethyl camphorate. <i>Journal of the Chemical Society Transactions</i> , 1893 , 63, 495-510		3
26	XL. Electrolysis of potassium allo-ethyl camphorate. <i>Journal of the Chemical Society Transactions</i> , 1895 , 67, 337-347		3
25	Fluid and electrolyte balance. <i>Surgical Clinics of North America</i> , 1949 , 29, 1583-96	4	3
24	Abnormal IL-2 receptor levels in non-pregnant women with a history of recurrent miscarriage. <i>Human Reproduction</i> , 2003 , 18, 1529-30	5.7	2
23	Gynaecological malignant disease in the eastern region of Scotland. 2. Malignant disease of the ovary. <i>Scottish Medical Journal</i> , 1962 , 7, 399-408	1.8	2
22	A Review of Perinatal Mortality in Dundee. <i>Scottish Medical Journal</i> , 1967 , 12, 37-45	1.8	2
21	XLIV. Electrolysis of potassium allo-ethyl camphorate. Part II. <i>Journal of the Chemical Society Transactions</i> , 1896 , 69, 748-759		2
20	Chemotherapy; a joint chapter in the history of chemistry and medicine. <i>British Medical Bulletin</i> , 1948 , 5, 361-9	5.4	2
19	Placental blood flow sensing and regulation in fetal growth restriction. <i>Placenta</i> , 2021 , 113, 23-28	3.4	2
18	Sex- and growth-specific characteristics of small for gestational age infants: a prospective cohort study. <i>Biology of Sex Differences</i> , 2020 , 11, 25	9.3	1
17	Exploration and confirmation of factors associated with uncomplicated pregnancy in nulliparous women: prospective cohort study. <i>British Journal of Sports Medicine</i> , 2015 , 49, 136	10.3	1
16	Confidential enquiries into maternal mortality. <i>BJOG: an International Journal of Obstetrics and Gynaecology</i> , 2010 , 117, 379-81	3.7	1
15	Management of mild pre-eclampsia 2001 , 357-368		1
14	GnRH analogue in everyday gynecology, Is it possible to rationalize its use?. <i>Acta Obstetrica Et Gynecologica Scandinavica</i> , 1999 , 78, 340-345	3.8	1
13	The evidence for the use of cervical cerclage. <i>Reviews in Gynaecological and Perinatal Practice</i> , 2006 , 6, 226-232		0
12	Rapid assessment of the risk of SARS-CoV-2 importation: case study and lessons learned.. <i>Epidemics</i> , 2022 , 38, 100549	5.1	0
11	Obstetric Statistics 2012 , 394-408		

- 10 Magnesium Sulfate is the Drug of Choice for the Treatment of Eclampsia. *Hypertension in Pregnancy*, **1996**, 15, 1-6 2
- 9 Management of severe pre-eclampsia/eclampsia 262-272
- 8 Atosiban was more effective than placebo in delaying delivery for up to 7 days in women with preterm labour. *Evidence-Based Obstetrics and Gynecology*, **2001**, 3, 65-66
- 7 A post-presentation discussion. *International Journal of Gynecology and Obstetrics*, **2001**, 74 Suppl 1, S21-S23
- 6 Focus for the future: tackling the pelvic pain problem in gynecologic practice - an interactive session. *International Journal of Gynecology and Obstetrics*, **2001**, 74 Suppl 1, S25-S30 4
- 5 The medical and surgical management of recurrent miscarriage. *Current Obstetrics & Gynaecology*, **1999**, 9, 13-18
- 4 THE CONSULTANTS CONTRACT. *Lancet, The*, **1975**, 305, 329-330 40
- 3 The Conditions Determinative of Chemical Change: Some Comments on Prof. Armstrong's Remarks. *Nature*, **1893**, 48, 267-268 50.4
- 2 Fluid and electrolyte replacement for the surgical patient. *Surgical Clinics of North America*, **1949**, 29, 1849-58 4
- 1 Management of Severe Pre-Eclampsia/Eclampsia 301-311