

Virginia D Winn

List of Publications by Citations

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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.

65
papers

2,522
citations

24
h-index

50
g-index

73
ext. papers

3,185
ext. citations

6
avg, IF

4.68
L-index

#	Paper	IF	Citations
65	cDNA cloning and functional activity of a glucocorticoid-regulated inflammatory cyclooxygenase. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1992 , 89, 4888-92	11.5	712
64	An immune clock of human pregnancy. <i>Science Immunology</i> , 2017 , 2,	28	209
63	Gene expression profiling of the human maternal-fetal interface reveals dramatic changes between midgestation and term. <i>Endocrinology</i> , 2007 , 148, 1059-79	4.8	151
62	Severe preeclampsia-related changes in gene expression at the maternal-fetal interface include sialic acid-binding immunoglobulin-like lectin-6 and pappalysin-2. <i>Endocrinology</i> , 2009 , 150, 452-62	4.8	125
61	Increased Preeclampsia Risk and Reduced Aortic Compliance With In Vitro Fertilization Cycles in the Absence of a Corpus Luteum. <i>Hypertension</i> , 2019 , 73, 640-649	8.5	118
60	Vasculogenesis and angiogenesis in the IUGR placenta. <i>Seminars in Perinatology</i> , 2008 , 32, 172-7	3.3	116
59	Leukoregulin Induction of Prostaglandin-Endoperoxide H Synthase-2 in Human Orbital Fibroblasts. <i>Journal of Biological Chemistry</i> , 1996 , 271, 22718-22728	5.4	77
58	Behaviors and perceptions regarding seasonal and H1N1 influenza vaccination during pregnancy. <i>American Journal of Obstetrics and Gynecology</i> , 2011 , 204, S107-11	6.4	75
57	Absent or Excessive Corpus Luteum Number Is Associated With Altered Maternal Vascular Health in Early Pregnancy. <i>Hypertension</i> , 2019 , 73, 680-690	8.5	60
56	A novel quantitative microarray antibody capture assay identifies an extremely high hepatitis delta virus prevalence among hepatitis B virus-infected mongolians. <i>Hepatology</i> , 2017 , 66, 1739-1749	11.2	57
55	Cytotrophoblast induction of arterial apoptosis and lymphangiogenesis in an in vivo model of human placentation. <i>Journal of Clinical Investigation</i> , 2006 , 116, 2643-52	15.9	55
54	Multiomics modeling of the immunome, transcriptome, microbiome, proteome and metabolome adaptations during human pregnancy. <i>Bioinformatics</i> , 2019 , 35, 95-103	7.2	54
53	A proteomic clock of human pregnancy. <i>American Journal of Obstetrics and Gynecology</i> , 2018 , 218, 347.e1-347.e14	6.4	47
52	Inflammatory predictors of neurologic disability after preterm premature rupture of membranes. <i>American Journal of Obstetrics and Gynecology</i> , 2015 , 212, 212.e1-9	6.4	42
51	Maternal and fetal alternative complement pathway activation in early severe preeclampsia. <i>American Journal of Reproductive Immunology</i> , 2014 , 71, 55-60	3.8	42
50	Hepatitis C Virus Sensing by Human Trophoblasts Induces Innate Immune Responses and Recruitment of Maternal NK Cells: Potential Implications for Limiting Vertical Transmission. <i>Journal of Immunology</i> , 2015 , 195, 3737-47	5.3	30
49	Overexpression of carcinoma and embryonic cytotrophoblast cell-specific Mig-7 induces invasion and vessel-like structure formation. <i>American Journal of Pathology</i> , 2007 , 170, 1763-80	5.8	30

48	The Impact of Preeclampsia on Gene Expression at the Maternal-Fetal Interface. <i>Pregnancy Hypertension</i> , 2011 , 1, 100-8	2.6	26
47	Differential Dynamics of the Maternal Immune System in Healthy Pregnancy and Preeclampsia. <i>Frontiers in Immunology</i> , 2019 , 10, 1305	8.4	25
46	Placental lipoprotein lipase activity is positively associated with newborn adiposity. <i>Placenta</i> , 2018 , 64, 53-60	3.4	25
45	Mapping the Fetomaternal Peripheral Immune System at Term Pregnancy. <i>Journal of Immunology</i> , 2016 , 197, 4482-4492	5.3	25
44	Pre-eclampsia is associated with elevated CXCL12 levels in placental syncytiotrophoblasts and maternal blood. <i>European Journal of Obstetrics, Gynecology and Reproductive Biology</i> , 2011 , 157, 32-7	2.4	25
43	Multiomeric immune clockworks of pregnancy. <i>Seminars in Immunopathology</i> , 2020 , 42, 397-412	12	24
42	Relative activities of retrovirally expressed murine prostaglandin synthase-1 and -2 depend on source of arachidonic acid. <i>Archives of Biochemistry and Biophysics</i> , 1996 , 330, 301-13	4.1	24
41	Pandemic influenza A H1N1 2009 infection versus vaccination: a cohort study comparing immune responses in pregnancy. <i>PLoS ONE</i> , 2012 , 7, e33048	3.7	24
40	Murine trophoblast-derived and pregnancy-associated exosome-enriched extracellular vesicle microRNAs: Implications for placenta driven effects on maternal physiology. <i>PLoS ONE</i> , 2019 , 14, e0210675	2.7	23
39	Modification of the standard Trizol-based technique improves the integrity of RNA isolated from RNase-rich placental tissue. <i>Clinical Chemistry</i> , 2006 , 52, 159-60	5.5	23
38	Siglec-6 expression is increased in placentas from pregnancies complicated by preterm preeclampsia. <i>Reproductive Sciences</i> , 2013 , 20, 646-53	3	22
37	Differential expression of human placental PAPP-A2 over gestation and in preeclampsia. <i>Placenta</i> , 2016 , 37, 19-25	3.4	21
36	Siglec-6 is expressed in gestational trophoblastic disease and affects proliferation, apoptosis and invasion. <i>Endocrine-Related Cancer</i> , 2012 , 19, 827-40	5.7	18
35	Integrated trajectories of the maternal metabolome, proteome, and immunome predict labor onset. <i>Science Translational Medicine</i> , 2021 , 13,	17.5	17
34	Residential agricultural pesticide exposures and risks of preeclampsia. <i>Environmental Research</i> , 2018 , 164, 546-555	7.9	16
33	Characterization of choline transporters in the human placenta over gestation. <i>Placenta</i> , 2015 , 36, 1362-9.4	3.4	16
32	Patterns of placental pathology in preterm premature rupture of membranes. <i>Journal of Developmental Origins of Health and Disease</i> , 2013 , 4, 249-55	2.4	13
31	Echogenic intracardiac focus: potential for misdiagnosis. <i>Journal of Ultrasound in Medicine</i> , 2003 , 22, 1207-14; quiz 1216-7	2.9	13

30	Multiomics Characterization of Preterm Birth in Low- and Middle-Income Countries. <i>JAMA Network Open</i> , 2020 , 3, e2029655	10.4	13
29	Umbilical Cord Blood Circulating Progenitor Cells and Endothelial Colony-Forming Cells Are Decreased in Preeclampsia. <i>Reproductive Sciences</i> , 2017 , 24, 1088-1096	3	12
28	Prenatal diagnosis and identification of heterozygous frameshift mutation in PRRX1 in an infant with agnathia-otocephaly. <i>Prenatal Diagnosis</i> , 2012 , 32, 903-5	3.2	12
27	Genetic definition of a new bovine papillomavirus type 1 open reading frame, E5B, that encodes a hydrophobic protein involved in altering host-cell protein processing. <i>Journal of Virology</i> , 1993 , 67, 3427-34	6.6	12
26	Early prediction of preeclampsia via machine learning. <i>American Journal of Obstetrics & Gynecology MFM</i> , 2020 , 2, 100100	7.4	10
25	Maternal Vascular Health in Pregnancy and Postpartum After Assisted Reproduction. <i>Hypertension</i> , 2020 , 75, 549-560	8.5	10
24	The discovery of a reciprocal relationship between tyrosine-kinase signaling and cullin neddylation. <i>PLoS ONE</i> , 2013 , 8, e75200	3.7	9
23	Baseline placental growth factor levels for the prediction of benefit from early aspirin prophylaxis for preeclampsia prevention. <i>Pregnancy Hypertension</i> , 2015 , 5, 280-6	2.6	7
22	Changes in pregnancy-related serum biomarkers early in gestation are associated with later development of preeclampsia. <i>PLoS ONE</i> , 2020 , 15, e0230000	3.7	7
21	Examining Sex Differences in the Human Placental Transcriptome During the First Fetal Androgen Peak. <i>Reproductive Sciences</i> , 2021 , 28, 801-818	3	7
20	Early prediction of preeclampsia in pregnancy with cell-free RNA.. <i>Nature</i> , 2022 ,	50.4	6
19	Endocardial/endothelial angiocrines regulate cardiomyocyte development and maturation and induce features of ventricular non-compaction. <i>European Heart Journal</i> , 2021 , 42, 4264-4276	9.5	6
18	A Hertzian contact mechanics based formulation to improve ultrasound elastography assessment of uterine cervical tissue stiffness. <i>Journal of Biomechanics</i> , 2015 , 48, 1524-32	2.9	5
17	Occurrence of Selected Structural Birth Defects Among Women With Preeclampsia and Other Hypertensive Disorders. <i>American Journal of Epidemiology</i> , 2018 , 187, 668-676	3.8	5
16	Data-driven queries between medications and spontaneous preterm birth among 2.5 million pregnancies. <i>Birth Defects Research</i> , 2019 , 111, 1145-1153	2.9	5
15	Maternal Height and Risk of Preeclampsia among Race/Ethnic Groups. <i>American Journal of Perinatology</i> , 2019 , 36, 864-871	3.3	5
14	Proteomic signatures predict preeclampsia in individual cohorts but not across cohorts - implications for clinical biomarker studies. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2021 , 1-8	2	3
13	Differential DNA Methylation In Mothers Increases The Prevalence Of Atopic Dermatitis In Their Offspring. <i>Journal of Allergy and Clinical Immunology</i> , 2014 , 133, AB149	11.5	2

12	Single-Cell Analysis of the Neonatal Immune System Across the Gestational Age Continuum. <i>Frontiers in Immunology</i> , 2021 , 12, 714090	8.4	2
11	Obstetrical Issues in Minimally Invasive Fetal Surgery. <i>Pediatric Endosurgery and Innovative Techniques: Part B of Journal of Laparoendoscopic and Advanced Surgical Techniques</i> , 2002 , 6, 125-129		1
10	Association of preconception paternal health and adverse maternal outcomes among healthy mothers. <i>American Journal of Obstetrics & Gynecology MFM</i> , 2021 , 3, 100384	7.4	1
9	Uterine torsion in delayed diagnosis of abnormal anterior placentation: a report of 2 cases. <i>Journal of reproductive medicine, The</i> , 2009 , 54, 322-4		1
8	Coronary blood vessels from distinct origins converge to equivalent states during mouse and human development.. <i>ELife</i> , 2021 , 10,	8.9	1
7	Uteroplacental Ischemia Is Associated with Increased PAPP-A2. <i>Reproductive Sciences</i> , 2020 , 27, 529-536	3	0
6	Inflammatory cytokines, placental pathology, and neurological outcomes in infants born to preterm preeclamptic mothers. <i>PLoS ONE</i> , 2021 , 16, e0260094	3.7	0
5	A Letter to President Biden and Secretary Designate of HHS Xavier Becerra: Remove Barriers to Federal Funding of Human Embryo and Fetal Tissue Research. <i>Reproductive Sciences</i> , 2021 , 28, 933-935	3	0
4	Natural vs. programmed cycles for frozen embryo transfer: study protocol for an investigator-initiated, randomized, controlled, multicenter clinical trial. <i>Trials</i> , 2021 , 22, 660	2.8	0
3	Pregnancy amelioration of arthritis in SKG mice corresponds with alterations in serum amyloid A3 levels. <i>American Journal of Clinical and Experimental Immunology</i> , 2012 , 1, 12-19	1.2	
2	Differentiation of the invasive cytotrophoblast lineage in normal pregnancy and in preeclampsia. <i>Reproductive Medicine and Assisted Reproductive Techniques Series</i> , 2008 , 454-465		
1	Extracellular Vesicles in Preeclampsia: Can Small Packages Carry a Big Punch?. <i>Anesthesia and Analgesia</i> , 2022 , 134, 710-712	3.9	