

Virginia D Winn

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7724921/publications.pdf>

Version: 2024-02-01

68
papers

3,820
citations

172386

29
h-index

133188

59
g-index

73
all docs

73
docs citations

73
times ranked

5036
citing authors

#	ARTICLE	IF	CITATIONS
1	cDNA cloning and functional activity of a glucocorticoid-regulated inflammatory cyclooxygenase.. Proceedings of the National Academy of Sciences of the United States of America, 1992, 89, 4888-4892.	3.3	782
2	An immune clock of human pregnancy. Science Immunology, 2017, 2, .	5.6	371
3	Increased Preeclampsia Risk and Reduced Aortic Compliance With In Vitro Fertilization Cycles in the Absence of a Corpus Luteum. Hypertension, 2019, 73, 640-649.	1.3	219
4	Severe Preeclampsia-Related Changes in Gene Expression at the Maternal-Fetal Interface Include Sialic Acid-Binding Immunoglobulin-Like Lectin-6 and Pappalysin-2. Endocrinology, 2009, 150, 452-462.	1.4	163
5	Gene Expression Profiling of the Human Maternal-Fetal Interface Reveals Dramatic Changes between Midgestation and Term. Endocrinology, 2007, 148, 1059-1079.	1.4	162
6	Multimomics modeling of the immunome, transcriptome, microbiome, proteome and metabolome adaptations during human pregnancy. Bioinformatics, 2019, 35, 95-103.	1.8	162
7	Vasculogenesis and Angiogenesis in the IUGR Placenta. Seminars in Perinatology, 2008, 32, 172-177.	1.1	138
8	Absent or Excessive Corpus Luteum Number Is Associated With Altered Maternal Vascular Health in Early Pregnancy. Hypertension, 2019, 73, 680-690.	1.3	109
9	Cytotrophoblast induction of arterial apoptosis and lymphangiogenesis in an in vivo model of human placentation. Journal of Clinical Investigation, 2006, 116, 2643-2652.	3.9	106
10	Leukoregulin Induction of Prostaglandin-Endoperoxide H Synthase-2 in Human Orbital Fibroblasts. Journal of Biological Chemistry, 1996, 271, 22718-22728.	1.6	94
11	Early prediction of preeclampsia in pregnancy with cell-free RNA. Nature, 2022, 602, 689-694.	13.7	86
12	A proteomic clock of human pregnancy. American Journal of Obstetrics and Gynecology, 2018, 218, 347.e1-347.e14.	0.7	82
13	Integrated trajectories of the maternal metabolome, proteome, and immunome predict labor onset. Science Translational Medicine, 2021, 13, .	5.8	82
14	Behaviors and perceptions regarding seasonal and H1N1 influenza vaccination during pregnancy. American Journal of Obstetrics and Gynecology, 2011, 204, S107-S111.	0.7	77
15	A novel quantitative microarray antibody capture assay identifies an extremely high hepatitis delta virus prevalence among hepatitis B virusâ€“infected mongolians. Hepatology, 2017, 66, 1739-1749.	3.6	74
16	Differential Dynamics of the Maternal Immune System in Healthy Pregnancy and Preeclampsia. Frontiers in Immunology, 2019, 10, 1305.	2.2	65
17	Inflammatory predictors of neurologic disability after preterm premature rupture of membranes. American Journal of Obstetrics and Gynecology, 2015, 212, 212.e1-212.e9.	0.7	56
18	Early prediction of preeclampsia via machine learning. American Journal of Obstetrics & Gynecology MFM, 2020, 2, 100100.	1.3	53

#	ARTICLE	IF	CITATIONS
19	Multiomics Characterization of Preterm Birth in Low- and Middle-Income Countries. <i>JAMA Network Open</i> , 2020, 3, e2029655.	2.8	53
20	Maternal and Fetal Alternative Complement Pathway Activation in Early Severe Preeclampsia. <i>American Journal of Reproductive Immunology</i> , 2014, 71, 55-60.	1.2	49
21	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, 3737-3747.	0.4	49
22	Multiomic immune clockworks of pregnancy. <i>Seminars in Immunopathology</i> , 2020, 42, 397-412.	2.8	47
23	Endocardial/endothelial angiocrines regulate cardiomyocyte development and maturation and induce features of ventricular non-compaction. <i>European Heart Journal</i> , 2021, 42, 4264-4276.	1.0	41
24	Placental lipoprotein lipase activity is positively associated with newborn adiposity. <i>Placenta</i> , 2018, 64, 53-60.	0.7	40
25	Mapping the Fetomaternal Peripheral Immune System at Term Pregnancy. <i>Journal of Immunology</i> , 2016, 197, 4482-4492.	0.4	34
26	Differential expression of human placental PAPP-A2 over gestation and in preeclampsia. <i>Placenta</i> , 2016, 37, 19-25.	0.7	34
27	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, 32-37.	0.5	33
28	Siglec-6 Expression Is Increased in Placentas From Pregnancies Complicated by Preterm Preeclampsia. <i>Reproductive Sciences</i> , 2013, 20, 646-653.	1.1	33
29	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, 1763-1780.	1.9	32
30	The impact of preeclampsia on gene expression at the maternal-fetal interface. <i>Pregnancy Hypertension</i> , 2011, 1, 100-108.	0.6	31
31	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.	1.1	28
32	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, 301-313.	1.4	27
33	Siglec-6 is expressed in gestational trophoblastic disease and affects proliferation, apoptosis and invasion. <i>Endocrine-Related Cancer</i> , 2012, 19, 827-840.	1.6	27
34	Pandemic Influenza A H1N1 2009 Infection versus Vaccination: A Cohort Study Comparing Immune Responses in Pregnancy. <i>PLoS ONE</i> , 2012, 7, e33048.	1.1	26
35	Modification of the Standard Trizol-Based Technique Improves the Integrity of RNA Isolated from RNase-Rich Placental Tissue. <i>Clinical Chemistry</i> , 2006, 52, 159-160.	1.5	25
36	Examining Sex Differences in the Human Placental Transcriptome During the First Fetal Androgen Peak. <i>Reproductive Sciences</i> , 2021, 28, 801-818.	1.1	22

#	ARTICLE	IF	CITATIONS
37	Characterization of choline transporters in the human placenta over gestation. <i>Placenta</i> , 2015, 36, 1362-1369.	0.7	21
38	Residential agricultural pesticide exposures and risks of preeclampsia. <i>Environmental Research</i> , 2018, 164, 546-555.	3.7	20
39	Proteomic signatures predict preeclampsia in individual cohorts but not across cohorts â€“ implications for clinical biomarker studies. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2022, 35, 5621-5628.	0.7	20
40	Maternal Vascular Health in Pregnancy and Postpartum After Assisted Reproduction. <i>Hypertension</i> , 2020, 75, 549-560.	1.3	19
41	Patterns of placental pathology in preterm premature rupture of membranes. <i>Journal of Developmental Origins of Health and Disease</i> , 2013, 4, 249-255.	0.7	18
42	Umbilical Cord Blood Circulating Progenitor Cells and Endothelial Colony-Forming Cells Are Decreased in Preeclampsia. <i>Reproductive Sciences</i> , 2017, 24, 1088-1096.	1.1	18
43	Prenatal diagnosis and identification of heterozygous frameshift mutation in <i>PRRX1</i> in an infant with agnathiaâ€œtocephaly. <i>Prenatal Diagnosis</i> , 2012, 32, 903-905.	1.1	17
44	Dataâ€œdriven queries between medications and spontaneous preterm birth among 2.5 million pregnancies. <i>Birth Defects Research</i> , 2019, 111, 1145-1153.	0.8	17
45	Changes in pregnancy-related serum biomarkers early in gestation are associated with later development of preeclampsia. <i>PLoS ONE</i> , 2020, 15, e0230000.	1.1	17
46	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, 3427-3434.	1.5	16
47	Echogenic Intracardiac Focus. <i>Journal of Ultrasound in Medicine</i> , 2003, 22, 1207-1214.	0.8	15
48	Coronary blood vessels from distinct origins converge to equivalent states during mouse and human development. <i>ELife</i> , 2021, 10, .	2.8	15
49	Single-Cell Analysis of the Neonatal Immune System Across the Gestational Age Continuum. <i>Frontiers in Immunology</i> , 2021, 12, 714090.	2.2	13
50	Occurrence of Selected Structural Birth Defects Among Women With Preeclampsia and Other Hypertensive Disorders. <i>American Journal of Epidemiology</i> , 2018, 187, 668-676.	1.6	12
51	The Discovery of a Reciprocal Relationship between Tyrosine-Kinase Signaling and Cullin Neddylation. <i>PLoS ONE</i> , 2013, 8, e75200.	1.1	12
52	Baseline placental growth factor levels for the prediction of benefit from early aspirin prophylaxis for preeclampsia prevention. <i>Pregnancy Hypertension</i> , 2015, 5, 280-286.	0.6	8
53	A Hertzian contact mechanics based formulation to improve ultrasound elastography assessment of uterine cervical tissue stiffness. <i>Journal of Biomechanics</i> , 2015, 48, 1524-1532.	0.9	7
54	Maternal Height and Risk of Preeclampsia among Race/Ethnic Groups. <i>American Journal of Perinatology</i> , 2019, 36, 864-871.	0.6	6

#	ARTICLE	IF	CITATIONS
55	Association of preconception paternal health and adverse maternal outcomes among healthy mothers. <i>American Journal of Obstetrics & Gynecology</i> MFM, 2021, 3, 100384.	1.3	6
56	Inflammatory cytokines, placental pathology, and neurological outcomes in infants born to preterm preeclamptic mothers. <i>PLoS ONE</i> , 2021, 16, e0260094.	1.1	6
57	Uteroplacental Ischemia Is Associated with Increased PAPP-A2. <i>Reproductive Sciences</i> , 2020, 27, 529-536.	1.1	4
58	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.	0.7	4
59	HMOX1 Genetic Polymorphisms Display Ancestral Diversity and May Be Linked to Hypertensive Disorders in Pregnancy. <i>Reproductive Sciences</i> , 2022, 29, 3465-3476.	1.1	4
60	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.	1.5	2
61	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.	1.1	1
62	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.	0.2	1
63	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.	0.2	1
64	225: In-depth characterization of immune cells in preeclampsia using Multiplexed Ion Beam Imaging by Time-of-Flight (MIBI-TOF). <i>American Journal of Obstetrics and Gynecology</i> , 2020, 222, S156-S157.	0.7	0
65	Differentiation of the invasive cytotrophoblast lineage in normal pregnancy and in preeclampsia. <i>Reproductive Medicine and Assisted Reproductive Techniques Series</i> , 2008, , 454-465.	0.1	0
66	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.	0.2	0
67	Human Placental Vasculature Imaging Using Long Ensemble Angular-coherence-based Doppler. , 2020, , .		0
68	Extracellular Vesicles in Preeclampsia: Can Small Packages Carry a Big Punch?. <i>Anesthesia and Analgesia</i> , 2022, 134, 710-712.	1.1	0