Donna A Santillan

List of Publications by Year
in descending order

97 papers	1,558 citations	331259 21 h-index	329751 37 g-index
101 all docs	101 docs citations	101 times ranked	2164 citing authors

#	Article	IF	Citations
1	RNA profiles reveal signatures of future health and disease in pregnancy. Nature, 2022, 601, 422-427.	13.7	90
2	Effect of positioning on blood pressure measurement in pregnancy. Pregnancy Hypertension, 2022, 27, 110-114.	0.6	1
3	Association between plasma leptin and cesarean section after induction of labor: a case control study. BMC Pregnancy and Childbirth, 2022, 22, 29.	0.9	1
4	Reduced Maternal Circulating Cellâ€Free Mitochondrial DNA Is Associated With the Development of Preeclampsia. Journal of the American Heart Association, 2022, 11, e021726.	1.6	11
5	Umbilical Cord Blood Leptin and IL-6 in the Presence of Maternal Diabetes or Chorioamnionitis. Frontiers in Endocrinology, 2022, 13, 836541.	1.5	3
6	Serum concentration of matrix metalloproteinase-1 in patients with preterm labor compared to gestational age matched controls. Proceedings in Obstetrics and Gynecology, 2022, 11, .	0.1	0
7	Development and Utility of a Novel Intergenerational Health Knowledgebase. FASEB Journal, 2022, 36, .	0.2	0
8	Postpartum ambulatory and home blood pressure monitoring in women with history of preeclampsia: Diagnostic agreement and detection of masked hypertension. Pregnancy Hypertension, 2022, 29, 23-29.	0.6	1
9	Arginine Vasopressin is not elevated in Early Pregnancy Loss. FASEB Journal, 2022, 36, .	0.2	0
10	Effect of Parity on Cardiovagal Baroreflex Sensitivity and Blood Pressure Variability in Sequential Pregnancies and Postpartum. FASEB Journal, 2022, 36, .	0.2	0
11	Differences in blood pressure readings in pregnancy based on method of measurement. Proceedings in Obstetrics and Gynecology, 2022, 11, .	0.1	0
12	Differences in Outcomes in Obese (â‰¥30), Morbidly Obese (â‰¥40), and Super Morbidly Obese (â‰¥50) Pregnancies. FASEB Journal, 2022, 36, .	0.2	0
13	Elevated Urinary Arginine Vasopressin Concentrations during Preeclamptic Pregnancies do not Persist Postpartum. FASEB Journal, 2022, 36, .	0.2	1
14	Difference in Blood Pressure Measurements in Pregnant Women when using the Gold Standard Method versus Clinical Measurements. FASEB Journal, 2022, 36, .	0.2	0
15	Cord Blood Metabolomics and Autism Spectrum Disorder. FASEB Journal, 2022, 36, .	0.2	0
16	Differences in <scp>H3K4me3</scp> and chromatin accessibility contribute to altered Tâ€cell receptor signaling in neonatal naÃ¯ve <scp>CD4</scp> T cells. Immunology and Cell Biology, 2022, 100, 562-579.	1.0	1
17	Postpartum Nipple Symptoms: Risk Factors and Dermatologic Characterization. Breastfeeding Medicine, 2021, 16, 215-221.	0.8	3
18	Prevalence and Distribution of Electronic Cigarette Use Before and During Pregnancy Among Women in 38 States of the United States. Nicotine and Tobacco Research, 2021, 23, 1459-1467.	1.4	12

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19	Twenty-Four-Hour Blood Pressure Variability Is Associated With Lower Cognitive Performance in Young Women With a Recent History of Preeclampsia. American Journal of Hypertension, 2021, 34, 1291-1299.	1.0	10
20	Advantages of Tyrosine Kinase Anti-Angiogenic Cediranib over Bevacizumab: Cell Cycle Abrogation and Synergy with Chemotherapy. Pharmaceuticals, 2021, 14, 682.	1.7	8
21	The Serotonin-Immune Axis in Preeclampsia. Current Hypertension Reports, 2021, 23, 37.	1.5	24
22	Placenta-specific protein 1 (PLAC1) expression is significantly down-regulated in preeclampsia via a hypoxia-mediated mechanism. Journal of Maternal-Fetal and Neonatal Medicine, 2021, , 1-7.	0.7	1
23	Association of Maternal Sexually Transmitted Infections With Risk of Preterm Birth in the United States. JAMA Network Open, 2021, 4, e2133413.	2.8	26
24	Trimester-specific plasma exosome microRNA expression profiles in preeclampsia. Journal of Maternal-Fetal and Neonatal Medicine, 2020, 33, 3116-3124.	0.7	32
25	Reduced mRNA Expression of RGS2 (Regulator of G Protein Signaling-2) in the Placenta Is Associated With Human Preeclampsia and Sufficient to Cause Features of the Disorder in Mice. Hypertension, 2020, 75, 569-579.	1.3	24
26	12812 Understanding the causes and treatments of nipple pain secondary to breastfeeding. Journal of the American Academy of Dermatology, 2020, 83, AB110.	0.6	0
27	Association of Maternal Prepregnancy Diabetes and Gestational Diabetes Mellitus With Congenital Anomalies of the Newborn. Diabetes Care, 2020, 43, 2983-2990.	4.3	77
28	Beat-to-Beat Blood Pressure Variability in the First Trimester Is Associated With the Development of Preeclampsia in a Prospective Cohort. Hypertension, 2020, 76, 1800-1807.	1.3	11
29	Aggregation of Human Mesenchymal Stromal Cells Eliminates Their Ability to Suppress Human T Cells. Frontiers in Immunology, 2020, 11, 143.	2.2	28
30	Neurodevelopmental Outcomes of Prenatal Preeclampsia Exposure. Trends in Neurosciences, 2020, 43, 253-268.	4.2	91
31	Microvascular Endothelial Glycocalyx Function in Human Pregnancy and Postpartum in Women with a History of Preeclampsia. FASEB Journal, 2020, 34, 1-1.	0.2	1
32	The Preconception Period analysis of Risks and Exposures Influencing health and Development (PrePARED) consortium. Paediatric and Perinatal Epidemiology, 2019, 33, 490-502.	0.8	18
33	Nature vs. Nurture: Defining the Effects of Mesenchymal Stromal Cell Isolation and Culture Conditions on Resiliency to Palmitate Challenge. Frontiers in Immunology, 2019, 10, 1080.	2.2	21
34	Levels of tin and organotin compounds in human urine samples from Iowa, United States. Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering, 2019, 54, 884-890.	0.9	7
35	Origins of neonatal leptin deficiency in preterm infants. Pediatric Research, 2019, 85, 1016-1023.	1.1	20
36	Novel Mechanisms of Preeclampsia Prevention via SGK1. FASEB Journal, 2019, 33, 865.10.	0.2	0

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37	Elevations in Endothelinâ€1 Predate and are Strongly Diagnostic for the Development of Human Preeclampsia. FASEB Journal, 2019, 33, 865.2.	0.2	0
38	Effect of Aspirin on Placental Gene Expression in Preeclampsia. FASEB Journal, 2019, 33, 865.14.	0.2	0
39	Elevated vasopressin in pregnant mice induces T-helper subset alterations consistent with human preeclampsia. Clinical Science, 2018, 132, 419-436.	1.8	39
40	Evaluating the association of physical activity and weight gain in pregnancy. Proceedings in Obstetrics and Gynecology, 2018, 8, 1-2.	0.1	0
41	Impact of vasopressin receptors on regulation of immune response in preeclampsia. Proceedings in Obstetrics and Gynecology, 2018, 8, 1-2.	0.1	0
42	Arterial stiffness but not physical activity levels and vascular endothelial function are altered in early/mid pregnancy in women who develop preeclampsia. FASEB Journal, 2018, 32, 715.13.	0.2	1
43	Reduced Placental Expression of Regulator of Gâ€Protein Signalingâ€2 (RGS2) and Preeclampsia. FASEB Journal, 2018, 32, 911.6.	0.2	0
44	Vasopressin infusion throughout pregnancy causes placental pathology in mice consistent with preeclampsia. FASEB Journal, 2018, 32, 676.11.	0.2	0
45	Arginine Vasopressin Infusion In C57BL/6J Mice Induces Changes In The Placenta Transcriptome That Parallel Changes Observed In Placenta From Human Preeclampsia. FASEB Journal, 2018, 32, 911.4.	0.2	0
46	Introducing e-consents in a clinical setting. Proceedings in Obstetrics and Gynecology, 2018, 8, 1-2.	0.1	1
47	Cullin-5, a ubiquitin ligase scaffold protein, is significantly underexpressed in endometrial adenocarcinomas and is a target of miR-182. Oncology Reports, 2016, 35, 2461-2465.	1.2	22
48	Mast Cells Release Chemokine CCL2 in Response to Parkinsonian Toxin 1-Methyl-4-Phenyl-Pyridinium (MPP+). Neurochemical Research, 2016, 41, 1042-1049.	1.6	25
49	The relationship between obesity, pregnancy, and levels of indoleamine 2,3-dioxygenase. Proceedings in Obstetrics and Gynecology, 2016, 5, 1-2.	0.1	0
50	Does leptin predict successful induction of labor?. Proceedings in Obstetrics and Gynecology, 2016, 5, 1-2.	0.1	0
51	Abstract P323: Arginine Vasopressin and Indoleamine 2,3 Dioxygenase: The Early Immunovascular Interface in Preeclampsia. Hypertension, 2016, 68, .	1.3	0
52	Abstract 033: Differential Vasopressin Receptor Expression on CD4+ T Cells from Mouse and Human Preeclamptic Pregnancies. Hypertension, 2016, 68, .	1.3	0
53	Abstract P321: Differential Leptin Levels are Associated with Hypertensive Disorders of Pregnancy and Adverse Pregnancy Outcomes. Hypertension, 2016, 68, .	1.3	2
54	Elevated Chemokine C-C motif ligand 2 (CCL2) early in pregnancy is associated with increased risk of preeclampsia in obese parturients. Proceedings in Obstetrics and Gynecology, 2016, 6, 1-2.	0.1	1

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55	Pregnant mice lacking indoleamine 2,3-dioxygenase exhibit preeclampsia phenotypes. Physiological Reports, 2015, 3, e12257.	0.7	65
56	Changes in antimÃ¼llerian hormone levels in early pregnancy are associated with preterm birth. Fertility and Sterility, 2015, 104, 347-355.e3.	0.5	22
57	Vasopressin: the missing link for preeclampsia?. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2015, 309, R1062-R1064.	0.9	34
58	[49-OR]. Pregnancy Hypertension, 2015, 5, 25-26.	0.6	2
59	465: Adherence to the updated guidelines for the prevention of perinatal group b streptococcal disease. American Journal of Obstetrics and Gynecology, 2015, 212, S237-S238.	0.7	0
60	515: Pulse wave velocity and copeptin: prediction and the possible early etiology of preeclampsia. American Journal of Obstetrics and Gynecology, 2015, 212, S258.	0.7	1
61	466: Significant differences in the indoleamine 2,3 dioxygenase promoter in preeclampsia. American Journal of Obstetrics and Gynecology, 2015, 212, S238.	0.7	0
62	Dopaminergic Toxin 1-Methyl-4-Phenylpyridinium, Proteins Î±-Synuclein and Glia Maturation Factor Activate Mast Cells and Release Inflammatory Mediators. PLoS ONE, 2015, 10, e0135776.	1.1	33
63	Adherence to the updated guidelines for the prevention of perinatal Group B streptococcal disease. Proceedings in Obstetrics and Gynecology, 2015, 4, 1-2.	0.1	0
64	Global fetal DNA methylation and birth outcomes in obese women. Proceedings in Obstetrics and Gynecology, 2015, 4, 1-2.	0.1	1
65	Glia Maturation Factor Stimulates Release of Proinflammatory Mediators from Mast Cells. FASEB Journal, 2015, 29, LB82.	0.2	0
66	Abstract P094: Vasopressin Infusion in Mice During Pregnancy Results in Immune Alterations Consistent with Human Preeclampsia. Hypertension, 2015, 66, .	1.3	0
67	Vasopressin in Preeclampsia. Hypertension, 2014, 64, 852-859.	1.3	106
68	429: Microparticles surface functionalized with mannose generate strong initial IgG responses against Group B Streptococcus. American Journal of Obstetrics and Gynecology, 2014, 210, S217.	0.7	0
69	â€œCollection of a lifetime: A practical approach to developing a longitudinal collection of women's healthcare biological samplesâ€• European Journal of Obstetrics, Gynecology and Reproductive Biology, 2014, 179, 94-99.	0.5	39
70	Forceps Delivery Volumes in Teaching and Nonteaching Hospitals. Academic Medicine, 2014, 89, 71-76.	0.8	30
71	Abstract 286: Immune Dysfunction in a Vasopressin-Induced Mouse Model of Preeclampsia. Hypertension, 2014, 64, .	1.3	0
72	Abstract 091: Chronic Vasopressin Infusion: A Novel, Clinically Significant, and Pregnancy-Specific Mouse Model of Preeclampsia. Hypertension, 2014, 64, .	1.3	0

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73	Noninvasive fetal genome sequencing: a primer. Prenatal Diagnosis, 2013, 33, 547-554.	1.1	34
74	664: Development of an artificial organ system to prevent maternal PKU syndrome. American Journal of Obstetrics and Gynecology, 2013, 208, S280.	0.7	0
75	Preeclampsia and MicroRNAs. Proceedings in Obstetrics and Gynecology, 2013, 3, 1-10.	0.1	3
76	The effects of preeclampsia on signaling to hematopoietic progenitor cells. Proceedings in Obstetrics and Gynecology, 2013, 3, 1-11.	0.1	4
77	Defining normal IgG changes throughout pregnancy. Proceedings in Obstetrics and Gynecology, 2013, 3, 1-2.	0.1	5
78	Flow mediated vasodilation predicts the development of gestational diabetes mellitus. Proceedings in Obstetrics and Gynecology, 2013, 3, 1-2.	0.1	0
79	Evaluation of the VNTR region in the IDO promoter in women with preeclampsia. Proceedings in Obstetrics and Gynecology, 2013, 3, 1-2.	0.1	2
80	Abstract 9: The Vasopressin Pro-Segment Copeptin: A Novel, First Trimester Predictor of Preeclampsia. Hypertension, 2013, 62, .	1.3	0
81	Single Umbilical Artery: Does Side Matter?. Fetal Diagnosis and Therapy, 2012, 32, 201-208.	0.6	9
82	Noninvasive Whole-Genome Sequencing of a Human Fetus. Science Translational Medicine, 2012, 4, 137ra76.	5.8	348
83	The influence of fetal sex on patterns of change in anti-Mullerian hormone during pregnancy. Proceedings in Obstetrics and Gynecology, 2012, 2, 1-2.	0.1	3
84	Anti-MÃ¼llerian Hormone concentration levels in maternal plasma during the first, second and third trimester of pregnancy. Proceedings in Obstetrics and Gynecology, 2012, 2, 1-2.	0.1	0
85	Efficacy of polymeric encapsulated C5a peptidaseâ€“based group B streptococcus vaccines in a murine model. American Journal of Obstetrics and Gynecology, 2011, 205, 249.e1-249.e8.	0.7	19
86	Cell encapsulation as a potential nondietary therapy for maternal phenylketonuria. American Journal of Obstetrics and Gynecology, 2009, 201, 289.e1-289.e6.	0.7	4
87	Protective immunization in mice against group B streptococci using encapsulated C5a peptidase. American Journal of Obstetrics and Gynecology, 2008, 198, 114.e1-114.e6.	0.7	29
88	13: Cell encapsulation technology as a useful non-dietary therapy for maternal phenylketonuria. American Journal of Obstetrics and Gynecology, 2008, 199, S7.	0.7	0
89	Loss of MLL PHD Finger 3 Is Necessary for MLL-ENLâ€“Induced Hematopoietic Stem Cell Immortalization. Cancer Research, 2008, 68, 6199-6207.	0.4	56
90	157: Single umbilical artery: Does side matter?. American Journal of Obstetrics and Gynecology, 2007, 197, S56.	0.7	2

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91	391: Development of a novel non-dietary therapy for maternal phenylketonuria. American Journal of Obstetrics and Gynecology, 2007, 197, S118.	0.7	0
92	Bromodomain and Histone Acetyltransferase Domain Specificities Control Mixed Lineage Leukemia Phenotype. Cancer Research, 2006, 66, 10032-10039.	0.4	25
93	The MLL fusion gene, MLL-AF4, regulates cyclin-dependent kinase inhibitor CDKN1B (p27kip1) expression. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 14028-14033.	3.3	53
94	MLL-AF4 Down-Regulates CDKN1B (P27) Independent of Cell Cycle Progression.. Blood, 2004, 104, 2563-2563.	0.6	0
95	MLL Partner Gene Domains Contribute Critical Functional Specificity to Immortalization and Differentiation of Hematopoietic Progenitors.. Blood, 2004, 104, 2555-2555.	0.6	0
96	Retroviral transduction model of mixed lineage leukemia fused to CREB binding protein. Current Opinion in Hematology, 2001, 8, 218-223.	1.2	11
97	Barriers and Solutions to Developing and Maintaining Research Networks during a Pandemic: An example from the iELEVATE Perinatal Network. Journal of Clinical and Translational Science, 0, , 1-22.	0.3	2