Yuping Wang

List of Publications by Year
in descending order

75 papers	2,798 citations	186254 28 h-index	182417 51 g-index
76 all docs	76 docs citations	76 times ranked	3012 citing authors

#	Article	IF	Citations
1	The imbalance between thromboxane and prostacyclin in preeclampsia is associated with an imbalance between lipid peroxides and vitamin E in maternal blood. American Journal of Obstetrics and Gynecology, 1991, 165, 1695-1700.	1.3	254
2	Placental lipid peroxides and thromboxane are increased and prostacyclin is decreased in women with preeclampsia. American Journal of Obstetrics and Gynecology, 1992, 167, 946-949.	1.3	195
3	TNFÎ± concentrations and mRNA expression are increased in preeclamptic placentas. Journal of Reproductive Immunology, 1996, 32, 157-169.	1.9	185
4	Placental Productions and Expressions of Soluble Endoglin, Soluble fms-Like Tyrosine Kinase Receptor-1, and Placental Growth Factor in Normal and Preeclamptic Pregnancies. Journal of Clinical Endocrinology and Metabolism, 2008, 93, 260-266.	3.6	165
5	Differential miRNA expression profiles between the first and third trimester human placentas. American Journal of Physiology - Endocrinology and Metabolism, 2013, 304, E836-E843.	3.5	133
6	Expressions of vitamin D metabolic components VDBP, CYP2R1, CYP27B1, CYP24A1, and VDR in placentas from normal and preeclamptic pregnancies. American Journal of Physiology - Endocrinology and Metabolism, 2012, 303, E928-E935.	3.5	118
7	Evidence of endothelial dysfunction in preeclampsia: decreased endothelial nitric oxide synthase expression is associated with increased cell permeability in endothelial cells from preeclampsia. American Journal of Obstetrics and Gynecology, 2004, 190, 817-824.	1.3	115
8	Antioxidant Activities and mRNA Expression of Superoxide Dismutase, Catalase, and Glutathione Peroxidase in Normal and Preeclamptic Placentas. Journal of the Society for Gynecologic Investigation, 1996, 3, 179-184.	1.7	111
9	Vascular Biology of the Placenta. Colloquium Series on Integrated Systems Physiology From Molecule To Function, 2010, 2, 1-98.	0.3	94
10	Activation of vitamin D receptor promotes VEGF and CuZn-SOD expression in endothelial cells. Journal of Steroid Biochemistry and Molecular Biology, 2014, 140, 56-62.	2.5	88
11	Endothelial junctional protein redistribution and increased monolayer permeability in human umbilical vein endothelial cells isolated during preeclampsia. American Journal of Obstetrics and Gynecology, 2002, 186, 214-220.	1.3	67
12	Decreased levels of polyunsaturated fatty acids in preeclampsia. American Journal of Obstetrics and Gynecology, 1991, 164, 812-818.	1.3	66
13	Increased urinary excretion of nephrin, podocalyxin, and Î²ig-h3 in women with preeclampsia. American Journal of Physiology - Renal Physiology, 2012, 302, F1084-F1089.	2.7	61
14	Hypoxia Promotes Interleukin-6 and -8 but Reduces Interleukin-10 Production by Placental Trophoblast Cells From Preeclamptic Pregnancies. Journal of the Society for Gynecologic Investigation, 2005, 12, 428-432.	1.7	53
15	Decreased Nephrin and GLEPP-1, But Increased VEGF, Flt-1, and Nitrotyrosine, Expressions in Kidney Tissue Sections From Women With Preeclampsia. Reproductive Sciences, 2009, 16, 970-979.	2.5	52
16	Increased phospholipase A2 and thromboxane but not prostacyclin production by placental trophoblast cells from normal and preeclamptic pregnancies cultured under hypoxia condition. Placenta, 2005, 26, 402-409.	1.5	49
17	Expression of Thrombin Receptors in Endothelial Cells and Neutrophils from Normal and Preeclamptic Pregnancies. Journal of Clinical Endocrinology and Metabolism, 2002, 87, 3728-3734.	3.6	42
18	Placental Trophoblast-Derived Factors Diminish Endothelial Barrier Function. Journal of Clinical Endocrinology and Metabolism, 2004, 89, 2421-2428.	3.6	42

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19	Placental Tissue Levels of Nonesterified Polyunsaturated Fatty Acids in Normal and Preeclamptic Pregnancies. Hypertension in Pregnancy, 2005, 24, 235-245.	1.1	40
20	Placental Production of Lipid Peroxides, Thromboxane, And Prostacyclin in Preeclampsia. Hypertension in Pregnancy, 1996, 15, 101-111.	1.1	39
21	Increased Endothelial Monolayer Permeability is Induced by Serum from Women with Preeclampsia but not by Serum from Women with Normal Pregnancy or that are not Pregnant. Hypertension in Pregnancy, 2003, 22, 99-108.	1.1	38
22	Increased Superoxide Generation and Decreased Stress Protein Hsp90 Expression in Human Umbilical Cord Vein Endothelial Cells (HUVECs) from Pregnancies Complicated by Preeclampsia. Hypertension in Pregnancy, 2006, 25, 169-182.	1.1	36
23	Upregulation of METTL3 expression and m6A RNA methylation in placental trophoblasts in preeclampsia. Placenta, 2021, 103, 43-49.	1.5	35
24	Elevated Maternal IL-16 Levels, Enhanced IL-16 Expressions in Endothelium and Leukocytes, and Increased IL-16 Production by Placental Trophoblasts in Women with Preeclampsia. Journal of Immunology, 2008, 181, 4418-4422.	0.8	33
25	ORIGINAL ARTICLE: Maternal Circulating TNFâ€Î± Levels are Highly Correlated with ILâ€10 Levels, but not ILâ€6 and ILâ€8 Levels, in Women with Preâ€Eclampsia. American Journal of Reproductive Immunology, 2009, 62, 269-274.	1.2	32
26	Increased urinary levels of podocyte glycoproteins, matrix metallopeptidases, inflammatory cytokines, and kidney injury biomarkers in women with preeclampsia. American Journal of Physiology - Renal Physiology, 2015, 309, F1009-F1017.	2.7	31
27	Elevated Maternal Soluble Gp130 and IL-6 Levels and Reduced Gp130 and SOCS-3 Expressions in Women Complicated With Preeclampsia. Hypertension, 2011, 57, 336-342.	2.7	30
28	Reduced <scp>CD</scp>200 expression is associated with altered Th1/Th2 cytokine production in placental trophoblasts from preeclampsia. American Journal of Reproductive Immunology, 2018, 79, e12763.	1.2	30
29	3D Printing for Bio-Synthetic Biliary Stents. Bioengineering, 2019, 6, 16.	3.5	30
30	Placental Production of Nitric Oxide and Endothelin in Normal and Preeclamptic Pregnancies. Hypertension in Pregnancy, 1994, 13, 171-178.	1.1	29
31	Effects of Peroxynitrite and Superoxide Radicals on Endothelial Monolayer Permeability: Potential Role of Peroxynitrite in Preeclampsia. Journal of the Society for Gynecologic Investigation, 2005, 12, 586-592.	1.7	27
32	Elevated Plasma Chymotrypsin-like Protease (Chymase) Activity in Women with Preeclampsia. Hypertension in Pregnancy, 2010, 29, 253-261.	1.1	27
33	Downregulation of vitamin D receptor and miRâ€126â€3p expression contributes to increased endothelial inflammatory response in preeclampsia. American Journal of Reproductive Immunology, 2019, 82, e13172.	1.2	25
34	Endothelial barrier function in preeclampsia. Frontiers in Bioscience - Landmark, 2007, 12, 2412.	3.0	25
35	Upâ€regulation of miRâ€203 expression induces endothelial inflammatory response: Potential role in preeclampsia. American Journal of Reproductive Immunology, 2016, 76, 482-490.	1.2	24
36	Vitamin D Reduces Oxidative Stressâ€“Induced Procaspase-3/ROCK1 Activation and MP Release by Placental Trophoblasts. Journal of Clinical Endocrinology and Metabolism, 2017, 102, 2100-2110.	3.6	24

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37	Altered Nephrin and Podoplanin Distribution Is Associated With Disturbed Polarity Protein PARD-3 and PARD-6 Expressions in Podocytes From Preeclampsia. Reproductive Sciences, 2011, 18, 772-780.	2.5	23
38	Expectant management of mild preeclampsia versus superimposed preeclampsia up to 37 weeks. American Journal of Obstetrics and Gynecology, 2015, 212, 515.e1-515.e8.	1.3	23
39	IL-1Î² reduces cardiac lymphatic muscle contraction via COX-2 and PGE2 induction: Potential role in myocarditis. Biomedicine and Pharmacotherapy, 2018, 107, 1591-1600.	5.6	21
40	Aberrant pro-atrial natriuretic peptide/corin/natriuretic peptide receptor signaling is present in maternal vascular endothelium in preeclampsia. Pregnancy Hypertension, 2018, 11, 1-6.	1.4	20
41	Maternal Perfusion with Low-Dose Aspirin Preferentially Inhibits Placental Thromboxane While Sparing Prostacyclin. Hypertension in Pregnancy, 1998, 17, 203-215.	1.1	18
42	High-throughput scaffold-free microtissues through 3D printing. 3D Printing in Medicine, 2018, 4, 9.	3.1	17
43	Notch ligand Jagged1 promotes mesenchymal stromal cell-based cartilage repair. Experimental and Molecular Medicine, 2018, 50, 1-10.	7.7	17
44	Maternal soluble PDâ€1 levels are significantly increased in women with preeclampsia. American Journal of Reproductive Immunology, 2020, 83, e13193.	1.2	14
45	Analysis of Endothelial Barrier Function In Vitro. Methods in Molecular Biology, 2011, 763, 253-264.	0.9	14
46	Reduced Cellular Glutathione Reductase Activity and Increased Adhesion Molecule Expression in Endothelial Cells Cultured With Maternal Plasma From Women With Preeclampsia. Journal of the Society for Gynecologic Investigation, 2006, 13, 412-417.	1.7	13
47	Vitamin D suppresses oxidative stress-induced microparticle release by human umbilical vein endothelial cells. Biology of Reproduction, 2017, 96, 199-210.	2.7	13
48	Loss of slit protein nephrin is associated with reduced antioxidant superoxide dismutase expression in podocytes shed from women with preeclampsia. Physiological Reports, 2018, 6, e13785.	1.7	12
49	Histone deacetylase inhibition disturbs the balance between ACE and chymase expression in endothelial cells: a potential mechanism of chymase activation in preeclampsia. Hypertension Research, 2019, 42, 155-164.	2.7	12
50	Preeclampsia Status Controls Interleukin-6 and Soluble IL-6 Receptor Release from Neutrophils and Endothelial Cells: Relevance to Increased Inflammatory Responses. Pathophysiology, 2021, 28, 202-211.	2.2	11
51	Placenta-derived Chymotrypsin-like Protease (CLP) Disturbs Endothelial Junctional Structure in Preeclampsia. Reproductive Sciences, 2009, 16, 479-488.	2.5	10
52	Downâ€Regulation of <scp>TIMP</scp>3 Leads to Increase in <scp>TACE</scp> Expression and <scp>TNF</scp>Î± Production by Placental Trophoblast Cells. American Journal of Reproductive Immunology, 2014, 71, 427-433.	1.2	10
53	1,25(OH)2D3 Induces Placental Vascular Smooth Muscle Cell Relaxation by Phosphorylation of Myosin Phosphatase Target Subunit 1Ser507: Potential Beneficial Effects of Vitamin D on Placental Vasculature in Humans1. Biology of Reproduction, 2016, 94, 116.	2.7	10
54	Chymotrypsin-Like Protease (Chymase) Mediates Endothelial Activation by Factors Derived From Preeclamptic Placentas. Reproductive Sciences, 2009, 16, 905-913.	2.5	9

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55	Downregulation of miR-126-3p expression contributes to increased inflammatory response in placental trophoblasts in preeclampsia. Journal of Reproductive Immunology, 2021, 144, 103281.	1.9	9
56	Prostacyclin and Thromboxane Levels in Women with Severe Preeclampsia Undergoing Magnesium Sulfate Therapy During Antepartum and Postpartum Periods. Hypertension in Pregnancy, 2008, 27, 17-27.	1.1	8
57	Endothelial Angiotensin II Generation Induced by Placenta-derived Factors From Preeclampsia. Reproductive Sciences, 2008, 15, 932-938.	2.5	8
58	The Ratio of Thromboxane to Prostacyclin is Increased by Peroxide in a Dose-Dependent Manner, Along with Increased Vasoconstriction in the Human Placenta. Hypertension in Pregnancy, 1998, 17, 1-11.	1.1	7
59	Vitamin D suppresses oxidative stress-induced microparticle release by human umbilical vein endothelial cells. Biology of Reproduction, 2017, 96, 199-210.	2.7	7
60	Upregulation of cathepsin C expression contributes to endothelial chymase activation in preeclampsia. Hypertension Research, 2017, 40, 976-981.	2.7	7
61	Antioxidant Superoxide Dismutase Attenuates Increased Endothelial Permeability Induced By Platelet-Activating Factor. Journal of the Society for Gynecologic Investigation, 2003, 10, 5-10.	1.7	6
62	Prolonged Fetal Heart Rate Decelerations in Labor: Can We Reduce Unplanned Primary Cesarean Sections in This Group?. Advances in Therapy, 2020, 37, 4325-4335.	2.9	6
63	Factors Derived From Preeclamptic Placentas Perturb Polarity Protein PARD-3 Expression and Distribution in Endothelial Cells. Reproductive Sciences, 2011, 18, 164-171.	2.5	5
64	Activation of Endothelial Cells in Preeclampsia: Increased Neutrophil-Endothelial Adhesion Correlates With Up-regulation of Adhesion Molecule P-selectin in Human Umbilical Vein Endothelial Cells Isolated From Preeclampsia. Journal of the Society for Gynecologic Investigation, 1998, 5, 237-243.	1.7	4
65	Digoxin Immune Fab Protects Endothelial Cells from Ouabainâ€Induced Barrier Injury. American Journal of Reproductive Immunology, 2012, 67, 66-72.	1.2	4
66	Upregulation of histone H3K9 methylation in fetal endothelial cells from preeclamptic pregnancies. Journal of Cellular Physiology, 2021, 236, 1866-1874.	4.1	4
67	Role of Chymase in Preeclampsia. Current Vascular Pharmacology, 2013, 11, 606-615.	1.7	4
68	Antioxidant superoxide dismutase attenuates increased endothelial permeability induced by platelet-activating factor. Journal of the Society for Gynecologic Investigation, 2003, 10, 5-10.	1.7	3
69	Vitamin E Attenuates Peroxideinduced Vasoconstriction in the Human Placenta. Hypertension in Pregnancy, 1997, 16, 389-401.	1.1	2
70	Vascular Biology of the Placenta, Second Edition. Colloquium Series on Integrated Systems Physiology From Molecule To Function, 2017, 9, i-113.	0.3	1
71	Association of fetal gender and the onset and severity of hypertensive disorders of pregnancy. Journal of Maternal-Fetal and Neonatal Medicine, 2020, , 1-6.	1.5	0
72	Proteomic analysis of human cerebral endothelial cells activated by MS serum and IFN Bâ€1b. FASEB Journal, 2007, 21, A849.	0.5	0

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73	Human placental derived stem cells protection in stroke injury.. FASEB Journal, 2018, 32, 740.1.	0.5	0
74	Human Placental Stem Cell Therapy in Stroke: Endothelial/Smooth Muscle Mechanisms Underlying Protection. FASEB Journal, 2018, 32, 575.2.	0.5	0
75	Human Placental Stem Cell Therapy in Stroke: Endothelial / Smooth Muscle Mechanisms Underlying Protection?. FASEB Journal, 2019, 33, 524.1.	0.5	0