S Ananth Karumanchi

List of Publications by Year
in descending order

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286 papers	37,347 citations	3515 90 h-index	3173 186 g-index
292 all docs	292 docs citations	292 times ranked	25579 citing authors

#	Article	IF	Citations
1	Excess placental soluble fms-like tyrosine kinase 1 (sFlt1) may contribute to endothelial dysfunction, hypertension, and proteinuria in preeclampsia. Journal of Clinical Investigation, 2003, 111, 649-658.	3.9	3,356
2	Circulating Angiogenic Factors and the Risk of Preeclampsia. New England Journal of Medicine, 2004, 350, 672-683.	13.9	3,158
3	Soluble Endoglin and Other Circulating Antiangiogenic Factors in Preeclampsia. New England Journal of Medicine, 2006, 355, 992-1005.	13.9	1,666
4	Soluble endoglin contributes to the pathogenesis of preeclampsia. Nature Medicine, 2006, 12, 642-649.	15.2	1,653
5	Hypertensive Disorders of Pregnancy. Hypertension, 2018, 72, 24-43.	1.3	1,200
6	Preeclampsia. Circulation Research, 2019, 124, 1094-1112.	2.0	1,019
7	Vitamin Dâ€“Binding Protein and Vitamin D Status of Black Americans and White Americans. New England Journal of Medicine, 2013, 369, 1991-2000.	13.9	898
8	Preeclampsia, a Disease of the Maternal Endothelium. Circulation, 2011, 123, 2856-2869.	1.6	838
9	Circulating urokinase receptor as a cause of focal segmental glomerulosclerosis. Nature Medicine, 2011, 17, 952-960.	15.2	750
10	Pre-eclampsia: pathogenesis, novel diagnostics and therapies. Nature Reviews Nephrology, 2019, 15, 275-289.	4.1	609
11	A longitudinal study of angiogenic (placental growth factor) and anti-angiogenic (soluble endoglin) Tj ETQq1 1 0.784314 rgBT /Overlock destined to develop preeclampsia and deliver a small for gestational age neonate. Journal of Maternal-Fetal and Neonatal Medicine, 2008, 21, 9-23.	0.7	592
12	Pathogenesis of Preeclampsia. Annual Review of Pathology: Mechanisms of Disease, 2010, 5, 173-192.	9.6	555
13	Angiogenic Factors and the Risk of Adverse Outcomes in Women With Suspected Preeclampsia. Circulation, 2012, 125, 911-919.	1.6	526
14	Cardiac angiogenic imbalance leads to peripartum cardiomyopathy. Nature, 2012, 485, 333-338.	13.7	450
15	Excess Circulating Angiopoietin-2 May Contribute to Pulmonary Vascular Leak in Sepsis in Humans. PLoS Medicine, 2006, 3, e46.	3.9	440
16	First Trimester Placental Growth Factor and Soluble Fms-Like Tyrosine Kinase 1 and Risk for Preeclampsia. Journal of Clinical Endocrinology and Metabolism, 2004, 89, 770-775.	1.8	395
17	PGC1Î± drives NAD biosynthesis linking oxidative metabolism to renal protection. Nature, 2016, 531, 528-532.	13.7	395
18	Preeclampsia: The Role of Angiogenic Factors in Its Pathogenesis. Physiology, 2009, 24, 147-158.	1.6	384

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19	Angiogenic Factors and Preeclampsia. Seminars in Nephrology, 2011, 31, 33-46.	0.6	374
20	Circulating Angiogenic Factors in the Pathogenesis and Prediction of Preeclampsia. Hypertension, 2005, 46, 1077-1085.	1.3	342
21	Angiopoietin 2 Is a Partial Agonist/Antagonist of Tie2 Signaling in the Endothelium. Molecular and Cellular Biology, 2009, 29, 2011-2022.	1.1	317
22	Pilot Study of Extracorporeal Removal of Soluble Fms-Like Tyrosine Kinase 1 in Preeclampsia. Circulation, 2011, 124, 940-950.	1.6	311
23	Vitamin Dâ€"binding protein modifies the vitamin Dâ€"bone mineral density relationship. Journal of Bone and Mineral Research, 2011, 26, 1609-1616.	3.1	308
24	Urinary Placental Growth Factor and Risk of Preeclampsia. JAMA - Journal of the American Medical Association, 2005, 293, 77.	3.8	307
25	Activated vitamin D attenuates left ventricular abnormalities induced by dietary sodium in Dahl salt-sensitive animals. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 16810-16815.	3.3	305
26	Preeclampsia and Angiogenic Imbalance. Annual Review of Medicine, 2008, 59, 61-78.	5.0	283
27	Sequential Changes in Antiangiogenic Factors in Early Pregnancy and Risk of Developing Preeclampsia. Hypertension, 2007, 50, 137-142.	1.3	271
28	The Glomerular Injury of Preeclampsia. Journal of the American Society of Nephrology: JASN, 2007, 18, 2281-2284.	3.0	267
29	Molecular mechanisms of preeclampsia. Microvascular Research, 2008, 75, 1-8.	1.1	252
30	Preeclampsia: A renal perspective. Kidney International, 2005, 67, 2101-2113.	2.6	250
31	Vascular endothelial growth factor is an important determinant of sepsis morbidity and mortality. Journal of Experimental Medicine, 2006, 203, 1447-1458.	4.2	249
32	Recombinant Vascular Endothelial Growth Factor 121 Attenuates Hypertension and Improves Kidney Damage in a Rat Model of Preeclampsia. Hypertension, 2007, 50, 686-692.	1.3	230
33	Endothelial Dysfunction. Hypertension, 2007, 49, 90-95.	1.3	227
34	Soluble Fms-like Tyrosine Kinase 1 and Endothelial Dysfunction in the Pathogenesis of Preeclampsia. Pediatric Research, 2005, 57, 1R-7R.	1.1	217
35	Removal of Soluble Fms-Like Tyrosine Kinase-1 by Dextran Sulfate Apheresis in Preeclampsia. Journal of the American Society of Nephrology: JASN, 2016, 27, 903-913.	3.0	213
36	Pathophysiology of the Clinical Manifestations of Preeclampsia. Clinical Journal of the American Society of Nephrology: CJASN, 2007, 2, 543-549.	2.2	205

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37	Hypothesis: Uric acid, nephron number, and the pathogenesis of essential hypertension. Kidney International, 2004, 66, 281-287.	2.6	201
38	Endostatin Causes G1 Arrest of Endothelial Cells through Inhibition of Cyclin D1. Journal of Biological Chemistry, 2002, 277, 16464-16469.	1.6	197
39	Pathogenesis of preeclampsia. Current Opinion in Nephrology and Hypertension, 2015, 24, 131-138.	1.0	197
40	Preeclampsia and Future Cardiovascular Disease: Potential Role of Altered Angiogenesis and Insulin Resistance. Journal of Clinical Endocrinology and Metabolism, 2004, 89, 6239-6243.	1.8	190
41	The 2021 International Society for the Study of Hypertension in Pregnancy classification, diagnosis & management recommendations for international practice. Pregnancy Hypertension, 2022, 27, 148-169.	0.6	189
42	Twin pregnancy and the risk of preeclampsia: bigger placenta or relative ischemia?. American Journal of Obstetrics and Gynecology, 2008, 198, 428.e1-428.e6.	0.7	186
43	Bioavailable vitamin D is more tightly linked to mineral metabolism than total vitamin D in incident hemodialysis patients. Kidney International, 2012, 82, 84-89.	2.6	176
44	Extra-placental Expression of Vascular Endothelial Growth Factor Receptor-1, (Flt-1) and Soluble Flt-1 (sFlt-1), by Peripheral Blood Mononuclear Cells (PBMCs) in Normotensive and Preeclamptic Pregnant Women. Placenta, 2005, 26, 563-573.	0.7	175
45	VEGF and TGF-Î² are required for the maintenance of the choroid plexus and ependyma. Journal of Experimental Medicine, 2008, 205, 491-501.	4.2	175
46	Hypertension Induced by Vascular Endothelial Growth Factor Signaling Pathway Inhibition: Mechanisms and Potential Use as a Biomarker. Seminars in Nephrology, 2010, 30, 591-601.	0.6	170
47	Pre-eclampsia and cardiovascular disease. Cardiovascular Research, 2014, 101, 579-586.	1.8	170
48	Preeclampsia: Pathogenesis, Prevention, and Long-Term Complications. Seminars in Nephrology, 2017, 37, 386-397.	0.6	166
49	New Aspects in the Pathophysiology of Preeclampsia. Journal of the American Society of Nephrology: JASN, 2004, 15, 2440-2448.	3.0	161
50	Conversion of Peripheral Blood NK Cells to a Decidual NK-like Phenotype by a Cocktail of Defined Factors. Journal of Immunology, 2013, 190, 3939-3948.	0.4	157
51	Mapping the Theories of Preeclampsia and the Role of Angiogenic Factors. Obstetrics and Gynecology, 2007, 109, 168-180.	1.2	155
52	First Trimester Vitamin D, Vitamin D Binding Protein, and Subsequent Preeclampsia. Hypertension, 2010, 56, 758-763.	1.3	151
53	Recombinant Vascular Endothelial Growth Factor 121 Infusion Lowers Blood Pressure and Improves Renal Function in Rats With PlacentalIschemia-Induced Hypertension. Hypertension, 2010, 55, 380-385.	1.3	150
54	Angiopoietin-2 may contribute to multiple organ dysfunction and death in sepsis*. Critical Care Medicine, 2012, 40, 3034-3041.	0.4	150

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55	Carbamylation of Serum Albumin as a Risk Factor for Mortality in Patients with Kidney Failure. Science Translational Medicine, 2013, 5, 175ra29.	5.8	149
56	Epidemiology and Mechanisms of Uremia-Related Cardiovascular Disease. Circulation, 2016, 133, 518-536.	1.6	149
57	Transcriptionally Active Syncytial Aggregates in the Maternal Circulation May Contribute to Circulating Soluble Fms-Like Tyrosine Kinase 1 in Preeclampsia. Hypertension, 2012, 59, 256-264.	1.3	148
58	Metabolic reprogramming by the S-nitroso-CoA reductase system protects against kidney injury. Nature, 2019, 565, 96-100.	13.7	148
59	Endostatin is a potential inhibitor of Wnt signaling. Journal of Cell Biology, 2002, 158, 529-539.	2.3	141
60	Circulating Angiogenic Factors in Preeclampsia. Clinical Obstetrics and Gynecology, 2005, 48, 372-386.	0.6	131
61	Clinical characterization and outcomes of preeclampsia with normal angiogenic profile. Hypertension in Pregnancy, 2013, 32, 189-201.	0.5	130
62	Excess soluble vascular endothelial growth factor receptor-1 in amniotic fluid impairs lung growth in rats: linking preeclampsia with bronchopulmonary dysplasia. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2012, 302, L36-L46.	1.3	129
63	Molecular Mechanisms of Preeclampsia. Cold Spring Harbor Perspectives in Medicine, 2015, 5, a023473.	2.9	127
64	RNAi modulation of placental sFLT1 for the treatment of preeclampsia. Nature Biotechnology, 2018, 36, 1164-1173.	9.4	126
65	Comparison of partially and fully chemically-modified siRNA in conjugate-mediated delivery in vivo. Nucleic Acids Research, 2018, 46, 2185-2196.	6.5	125
66	Angiogenic factor imbalance early in pregnancy predicts adverse outcomes in patients with lupus and antiphospholipid antibodies: results of the PROMISSE study. American Journal of Obstetrics and Gynecology, 2016, 214, 108.e1-108.e14.	0.7	122
67	Early Outcomes among Those Initiating Chronic Dialysis in the United States. Clinical Journal of the American Society of Nephrology: CJASN, 2011, 6, 2642-2649.	2.2	121
68	Angiogenic Factors in Preeclampsia. Hypertension, 2016, 67, 1072-1079.	1.3	121
69	Risk for developing gestational diabetes in women with twin pregnancies. Journal of Maternal-Fetal and Neonatal Medicine, 2009, 22, 293-299.	0.7	120
70	Imbalances in circulating angiogenic factors in the pathophysiology of preeclampsia and related disorders. American Journal of Obstetrics and Gynecology, 2022, 226, S1019-S1034.	0.7	120
71	Prediction of Diabetic Nephropathy Using Urine Proteomic Profiling 10 Years Prior to Development of Nephropathy. Diabetes Care, 2007, 30, 638-643.	4.3	118
72	Placental Growth Factor Administration Abolishes Placental Ischemia-Induced Hypertension. Hypertension, 2016, 67, 740-747.	1.3	118

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73	Circulating levels of the antiangiogenic marker sFLT-1 are increased in first versus second pregnancies. American Journal of Obstetrics and Gynecology, 2005, 193, 16-22.	0.7	115
74	Automated assays for sVEGF R1 and PlGF as an aid in the diagnosis of preterm preeclampsia: a prospective clinical study. American Journal of Obstetrics and Gynecology, 2010, 202, 40.e1-40.e7.	0.7	111
75	Epidemiology and Mechanisms of De Novo and Persistent Hypertension in the Postpartum Period. Circulation, 2015, 132, 1726-1733.	1.6	111
76	Soluble fms-like tyrosine kinase 1 promotes angiotensin II sensitivity in preeclampsia. Journal of Clinical Investigation, 2016, 126, 2561-2574.	3.9	111
77	Breathing Life Into the Lifecourse Approach. Hypertension, 2010, 56, 331-334.	1.3	110
78	The Promise of Angiogenic Markers for the Early Diagnosis and Prediction of Preeclampsia. Clinical Chemistry, 2012, 58, 837-845.	1.5	108
79	Lipocalin 2 Diminishes Invasiveness and Metastasis of Ras-transformed Cells. Journal of Biological Chemistry, 2005, 280, 13641-13647.	1.6	107
80	Suppression of the Nitric Oxide Pathway in Metastatic Renal Cell Carcinoma Patients Receiving Vascular Endothelial Growth Factorâ€“Signaling Inhibitors. Hypertension, 2010, 56, 1131-1136.	1.3	107
81	Angiogenic Factors in Diagnosis, Management, and Research in Preeclampsia. Hypertension, 2014, 63, 198-202.	1.3	106
82	Aldosterone Promotes Vascular Remodeling by Direct Effects on Smooth Muscle Cell Mineralocorticoid Receptors. Arteriosclerosis, Thrombosis, and Vascular Biology, 2014, 34, 355-364.	1.1	104
83	Serum sFlt1 concentration during preeclampsia and mid trimester blood pressure in healthy nulliparous women. American Journal of Obstetrics and Gynecology, 2006, 194, 1034-1041.	0.7	101
84	Cisplatin Nephrotoxicity Involves Mitochondrial Injury with Impaired Tubular Mitochondrial Enzyme Activity. Journal of Histochemistry and Cytochemistry, 2012, 60, 521-529.	1.3	99
85	Plasma Gelsolin and Circulating Actin Correlate with Hemodialysis Mortality. Journal of the American Society of Nephrology: JASN, 2009, 20, 1140-1148.	3.0	98
86	Activation of the orphan endothelial receptor Tie1 modifies Tie2â€mediated intracellular signaling and cell survival. FASEB Journal, 2007, 21, 3171-3183.	0.2	97
87	Increased Sensitivity to Angiotensin II Is Present Postpartum in Women With a History of Hypertensive Pregnancy. Hypertension, 2010, 55, 1239-1245.	1.3	97
88	Reduced Endoglin Activity Limits Cardiac Fibrosis and Improves Survival in Heart Failure. Circulation, 2012, 125, 2728-2738.	1.6	97
89	Protein Carbamylation in Kidney Disease: Pathogenesis and Clinical Implications. American Journal of Kidney Diseases, 2014, 64, 793-803.	2.1	97
90	Hydrogen Sulfide Attenuates sFlt1-Induced Hypertension and Renal Damage by Upregulating Vascular Endothelial Growth Factor. Journal of the American Society of Nephrology: JASN, 2014, 25, 717-725.	3.0	95

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91	Insulin Resistance and Alterations in Angiogenesis. Hypertension, 2004, 43, 988-992.	1.3	93
92	eNOS Deficiency Acts through Endothelin to Aggravate sFlt-1â€“Induced Pre-Eclampsiaâ€“Like Phenotype. Journal of the American Society of Nephrology: JASN, 2012, 23, 652-660.	3.0	91
93	Circulating Angiogenic Factors and Placental Abruption. Obstetrics and Gynecology, 2006, 108, 338-344.	1.2	90
94	24,25-Dihydroxyvitamin D3 and Vitamin D Status of Community-Dwelling Black and White Americans. Clinical Chemistry, 2015, 61, 877-884.	1.5	90
95	Vitamin Dâ€“Binding Protein and Vitamin D in Blacks and Whites. New England Journal of Medicine, 2014, 370, 878-881.	13.9	89
96	Placental Growth Factor Reduces Blood Pressure in a Uteroplacental Ischemia Model of Preeclampsia in Nonhuman Primates. Hypertension, 2016, 67, 1263-1272.	1.3	89
97	Circulating angiogenic and antiangiogenic factors in women with eclampsia. American Journal of Obstetrics and Gynecology, 2011, 204, 152.e1-152.e9.	0.7	88
98	The CXCR4/CXCR7/SDF-1 pathway contributes to the pathogenesis of Shiga toxinâ€“associated hemolytic uremic syndrome in humans and mice. Journal of Clinical Investigation, 2012, 122, 759-776.	3.9	86
99	Circulating Angiogenic Factors and Risk of Adverse Maternal and Perinatal Outcomes in Twin Pregnancies With Suspected Preeclampsia. Hypertension, 2012, 60, 451-458.	1.3	84
100	Renal cancer: molecular mechanisms and newer therapeutic options. Current Opinion in Nephrology and Hypertension, 2002, 11, 37-42.	1.0	81
101	Reactions of Peroxynitrite with Uric Acid: Formation of Reactive Intermediates, Alkylated Products and Triuret, and In Vivo Production of Triuret Under Conditions of Oxidative Stress. Nucleosides, Nucleotides and Nucleic Acids, 2009, 28, 118-149.	0.4	79
102	Preeclampsia and Pregnancy-Related Hypertensive Disorders. Hypertension, 2016, 67, 238-242.	1.3	76
103	Angiogenic Factors in Maternal Circulation and the Risk of Severe Fetal Growth Restriction. American Journal of Epidemiology, 2011, 173, 630-639.	1.6	75
104	Uric acid and preeclampsia. Seminars in Nephrology, 2005, 25, 56-60.	0.6	74
105	Vitamin D Deficiency and Cardiovascular Events in Patients With Coronary Heart Disease: Data From the Heart and Soul Study. American Journal of Epidemiology, 2014, 179, 1279-1287.	1.6	74
106	Exposure to Experimental Preeclampsia in Mice Enhances the Vascular Response to Future Injury. Hypertension, 2015, 65, 863-870.	1.3	73
107	Hydrogen peroxide-responsive copolyoxalate nanoparticles for detection and therapy of ischemiaâ€“reperfusion injury. Journal of Controlled Release, 2013, 172, 1102-1110.	4.8	72
108	How Does Smoking Reduce the Risk of Preeclampsia?. Hypertension, 2010, 55, 1100-1101.	1.3	70

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109	Protein carbamylation is associated with heart failure and mortality in diabetic patients with end-stage renal disease. Kidney International, 2015, 87, 1201-1208.	2.6	70
110	Circulating concentrations of soluble endoglin (CD105) in fetal and maternal serum and in amniotic fluid in preeclampsia. American Journal of Obstetrics and Gynecology, 2007, 197, 176.e1-176.e6.	0.7	69
111	Circulating angiogenic proteins in trisomy 13. American Journal of Obstetrics and Gynecology, 2006, 194, 239-245.	0.7	68
112	Prognosis of Acute Kidney Injury and Hepatorenal Syndrome in Patients with Cirrhosis: A Prospective Cohort Study. International Journal of Nephrology, 2015, 2015, 1-9.	0.7	66
113	Genetic predisposition to preeclampsia is conferred by fetal DNA variants near FLT1, a gene involved in the regulation of angiogenesis. American Journal of Obstetrics and Gynecology, 2018, 218, 211-218.	0.7	66
114	Angiogenic Factors in the Pathogenesis of Preeclampsia. Current Topics in Developmental Biology, 2005, 71, 297-312.	1.0	65
115	Interferonâ€± and Angiogenic Dysregulation in Pregnant Lupus Patients Who Develop Preeclampsia. Arthritis and Rheumatology, 2015, 67, 977-987.	2.9	64
116	Leptin Exacerbates Sepsis-Mediated Morbidity and Mortality. Journal of Immunology, 2010, 185, 517-524.	0.4	63
117	Preventing progression of cardiac hypertrophy and development of heart failure by paricalcitol therapy in rats. Cardiovascular Research, 2011, 91, 632-639.	1.8	61
118	Smooth Muscle Cellâ€“Mineralocorticoid Receptor as a Mediator of Cardiovascular Stiffness With Aging. Hypertension, 2018, 71, 609-621.	1.3	60
119	Angiogenic factors and preeclampsia. Thrombosis Research, 2009, 123, S93-S99.	0.8	59
120	Cytomegalovirus-Induced Mirror Syndrome Associated With Elevated Levels of Circulating Antiangiogenic Factors. Obstetrics and Gynecology, 2007, 109, 549-552.	1.2	58
121	Angiogenic factors and natural killer (NK) cells in the pathogenesis of preeclampsia. Journal of Reproductive Immunology, 2007, 76, 23-29.	0.8	58
122	WT1-Dependent Sulfatase Expression Maintains the Normal Glomerular Filtration Barrier. Journal of the American Society of Nephrology: JASN, 2011, 22, 1286-1296.	3.0	58
123	Vascular Endothelial Growth Factor-A and Aldosterone. Hypertension, 2013, 61, 1111-1117.	1.3	57
124	Circulating Antiangiogenic Factors and Myocardial Dysfunction in Hypertensive Disorders of Pregnancy. Hypertension, 2016, 67, 1273-1280.	1.3	57
125	Sequential plasma angiogenic factors levels in women with suspected preeclampsia. American Journal of Obstetrics and Gynecology, 2016, 215, 89.e1-89.e10.	0.7	56
126	Pregnancy Outcomes after Clinical Recovery from AKI. Journal of the American Society of Nephrology: JASN, 2017, 28, 1566-1574.	3.0	55

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127	Clinical interpretation and implementation of the sFlt-1/PlGF ratio in the prediction, diagnosis and management of preeclampsia. Pregnancy Hypertension, 2022, 27, 42-50.	0.6	55
128	Vascular Endothelial Growth Factor Induces Branching Morphogenesis/Tubulogenesis in Renal Epithelial Cells in a Neuropilin-Dependent Fashion. Molecular and Cellular Biology, 2005, 25, 7441-7448.	1.1	54
129	Klotho Variants and Chronic Hemodialysis Mortality. Journal of Bone and Mineral Research, 2009, 24, 1847-1855.	3.1	54
130	Hydrogen sulfide. Current Opinion in Nephrology and Hypertension, 2015, 24, 170-176.	1.0	54
131	VEGF-C, VEGF-A and related angiogenesis factors as biomarkers of allograft vasculopathy in cardiac transplant recipients. Journal of Heart and Lung Transplantation, 2013, 32, 120-128.	0.3	53
132	Classical Complement Pathway Activation in the Kidneys of Women With Preeclampsia. Hypertension, 2015, 66, 117-125.	1.3	52
133	Role of elongin-binding domain of von hippel lindau gene product on HuR-mediated VPF/VEGF mRNA stability in renal cell carcinoma. Oncogene, 2005, 24, 7850-7858.	2.6	51
134	Does soluble fms-like tyrosine kinase-1 regulate placental invasion? Insight from the invasive placenta. American Journal of Obstetrics and Gynecology, 2014, 210, 68.e1-68.e4.	0.7	51
135	The use of angiogenic biomarkers to differentiate non-HELLP related thrombocytopenia from HELLP syndrome. Journal of Maternal-Fetal and Neonatal Medicine, 2010, 23, 366-370.	0.7	50
136	Nicotinamide benefits both mothers and pups in two contrasting mouse models of preeclampsia. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 13450-13455.	3.3	50
137	AP39, a Modulator of Mitochondrial Bioenergetics, Reduces Antiangiogenic Response and Oxidative Stress in Hypoxia-Exposed Trophoblasts. American Journal of Pathology, 2019, 189, 104-114.	1.9	50
138	Plasma Concentrations of Soluble Endoglin versus Standard Evaluation in Patients with Suspected Preeclampsia. PLoS ONE, 2012, 7, e48259.	1.1	49
139	Advances in the understanding of eclampsia. Current Hypertension Reports, 2008, 10, 305-312.	1.5	48
140	Circulating Angiogenic Factors and the Risk of Adverse Outcomes among Haitian Women with Preeclampsia. PLoS ONE, 2015, 10, e0126815.	1.1	48
141	A protocol for developing, disseminating, and implementing a core outcome set for pre-eclampsia. Pregnancy Hypertension, 2016, 6, 274-278.	0.6	48
142	National Heart, Lung, and Blood Institute Working Group Report on Salt in Human Health and Sickness. Hypertension, 2016, 68, 281-288.	1.3	48
143	Revisiting decidual vasculopathy. Placenta, 2016, 42, 37-43.	0.7	48
144	Sexually Dimorphic Crosstalk at the Maternal-Fetal Interface. Journal of Clinical Endocrinology and Metabolism, 2020, 105, e4831-e4847.	1.8	48

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145	Placental Vasculature in Health and Disease. Seminars in Thrombosis and Hemostasis, 2010, 36, 309-320.	1.5	47
146	Preeclampsia and Retinopathy of Prematurity in Preterm Births. Pediatrics, 2012, 130, e101-e107.	1.0	47
147	Ouabain inhibits placental sFlt1 production by repressing HSP27â€dependent HIFâ€1Î± pathway. FASEB Journal, 2014, 28, 4324-4334.	0.2	47
148	Endothelial dysfunction and metabolic syndrome in preeclampsia: an alternative viewpoint. Journal of Reproductive Immunology, 2015, 108, 42-47.	0.8	47
149	Soluble Fms-like tyrosine kinase associated with preeclampsia in pregnancy in systemic lupus erythematosus. Journal of Rheumatology, 2008, 35, 631-4.	1.0	47
150	Gene-Centric Analysis of Preeclampsia Identifies Maternal Association at PLEKHG1. Hypertension, 2018, 72, 408-416.	1.3	46
151	Carbon Monoxide Prevents Hypertension and Proteinuria in an Adenovirus sFlt-1 Preeclampsia-Like Mouse Model. PLoS ONE, 2014, 9, e106502.	1.1	45
152	The association of circulating angiogenic factors and HbA1c with the risk of preeclampsia in women with preexisting diabetes. Hypertension in Pregnancy, 2014, 33, 81-92.	0.5	45
153	Angiogenic imbalance in the pathophysiology of preeclampsia: Newer insights. Seminars in Nephrology, 2004, 24, 548-556.	0.6	45
154	High Glycated Albumin and Mortality in Persons with Diabetes Mellitus on Hemodialysis. Clinical Chemistry, 2017, 63, 477-485.	1.5	44
155	Soluble Erythropoietin Receptor Contributes to Erythropoietin Resistance in End-Stage Renal Disease. PLoS ONE, 2010, 5, e9246.	1.1	43
156	Angiogenic biomarkers in triage and risk for preeclampsia with severe features. Pregnancy Hypertension, 2018, 13, 100-106.	0.6	43
157	Pericytes Elicit Resistance to Vemurafenib and Sorafenib Therapy in Thyroid Carcinoma via the TSP-1/TGFÎ²1 Axis. Clinical Cancer Research, 2018, 24, 6078-6097.	3.2	43
158	Late Postpartum Eclampsia: Examples and Review. Obstetrical and Gynecological Survey, 2006, 61, 471-480.	0.2	41
159	Trophoblast mitochondrial function is impaired in preeclampsia and correlates negatively with the expression of soluble fms-like tyrosine kinase 1. Pregnancy Hypertension, 2016, 6, 313-319.	0.6	41
160	Placenta accreta spectrum: biomarker discovery using plasma proteomics. American Journal of Obstetrics and Gynecology, 2020, 223, 433.e1-433.e14.	0.7	41
161	VHL tumor suppressor regulates Cl^{â^'}/HCO₃^{â^'}exchange and Na⁺/H⁺exchange activities in renal carcinoma cells. Physiological Genomics, 2001, 5, 119-128.	1.0	40
162	Elevated levels of placental growth factor represent an adaptive host response in sepsis. Journal of Experimental Medicine, 2008, 205, 2623-2631.	4.2	40

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163	Preeclampsia Pathogenesis. Hypertension, 2008, 51, 991-992.	1.3	40
164	Angiogenic dysfunction in molar pregnancy. American Journal of Obstetrics and Gynecology, 2010, 202, 184.e1-184.e5.	0.7	40
165	Vemurafenib-resistance via de novo RBM genes mutations and chromosome 5 aberrations is overcome by combined therapy with palbociclib in thyroid carcinoma with BRAFV600E. Oncotarget, 2017, 8, 84743-84760.	0.8	40
166	Preeclampsia Is Associated With the Presence of Transcriptionally Active Placental Fragments in the Maternal Lung. Hypertension, 2013, 62, 608-613.	1.3	39
167	Relationship between hypoxia and downstream pathogenic pathways in preeclampsia. Hypertension in Pregnancy, 2017, 36, 145-150.	0.5	39
168	Placental lesions of vascular insufficiency are associated with anti-angiogenic state in women with preeclampsia. Hypertension in Pregnancy, 2014, 33, 427-439.	0.5	38
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170	Research Recommendations From the National Institutes of Health Workshop on Predicting, Preventing, and Treating Preeclampsia. Hypertension, 2019, 73, 757-766.	1.3	38
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