

Eric M George

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.

66
papers

2,556
citations

24
h-index

50
g-index

74
ext. papers

2,884
ext. citations

4.1
avg, IF

5.16
L-index

#	Paper	IF	Citations
66	Hyperdynamic plasticity of chromatin proteins in pluripotent embryonic stem cells. <i>Developmental Cell</i> , 2006 , 10, 105-16	10.2	807
65	Hypertension: physiology and pathophysiology. <i>Comprehensive Physiology</i> , 2012 , 2, 2393-442	7.7	145
64	Pathophysiology of hypertension in pre-eclampsia: a lesson in integrative physiology. <i>Acta Physiologica</i> , 2013 , 208, 224-33	5.6	130
63	Endothelin: key mediator of hypertension in preeclampsia. <i>American Journal of Hypertension</i> , 2011 , 24, 964-9	2.3	128
62	Induction of heme oxygenase 1 attenuates placental ischemia-induced hypertension. <i>Hypertension</i> , 2011 , 57, 941-8	8.5	92
61	Recent advances in the understanding of the pathophysiology of preeclampsia. <i>Hypertension</i> , 2013 , 62, 666-73	8.5	91
60	Recent insights into the pathophysiology of preeclampsia. <i>Expert Review of Obstetrics and Gynecology</i> , 2010 , 5, 557-566		63
59	Mechanisms and potential therapies for preeclampsia. <i>Current Hypertension Reports</i> , 2011 , 13, 269-75	4.7	59
58	Sildenafil attenuates placental ischemia-induced hypertension. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2013 , 305, R397-403	3.2	54
57	Cajal-body formation correlates with differential coilin phosphorylation in primary and transformed cell lines. <i>Journal of Cell Science</i> , 2009 , 122, 1872-81	5.3	54
56	Endothelin type A receptor antagonist attenuates placental ischemia-induced hypertension and uterine vascular resistance. <i>American Journal of Obstetrics and Gynecology</i> , 2011 , 204, 330.e1-4	6.4	49
55	Linking placental ischemia and hypertension in preeclampsia: role of endothelin 1. <i>Hypertension</i> , 2012 , 60, 507-11	8.5	46
54	Heme Oxygenase-1 Attenuates Hypoxia-Induced sFlt-1 and Oxidative Stress in Placental Villi through Its Metabolic Products CO and Bilirubin. <i>International Journal of Hypertension</i> , 2012 , 2012, 486053 ⁴	2.4	44
53	Endothelin as a final common pathway in the pathophysiology of preeclampsia: therapeutic implications. <i>Current Opinion in Nephrology and Hypertension</i> , 2012 , 21, 157-62	3.5	44
52	Induction of heme oxygenase-1 attenuates sFlt-1-induced hypertension in pregnant rats. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2011 , 301, R1495-500	3.2	43
51	Lipid binding promotes oligomerization and focal adhesion activity of vinculin. <i>Journal of Cell Biology</i> , 2014 , 207, 643-56	7.3	41
50	Ouabain inhibits placental sFlt1 production by repressing HSP27-dependent HIF-1 β pathway. <i>FASEB Journal</i> , 2014 , 28, 4324-34	0.9	37

49	Preeclampsia and the brain: neural control of cardiovascular changes during pregnancy and neurological outcomes of preeclampsia. <i>Clinical Science</i> , 2016 , 130, 1417-34	6.5	36
48	Regulation of sFlt-1 and VEGF secretion by adenosine under hypoxic conditions in rat placental villous explants. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2010 , 299, R1629-33	3.2	33
47	Placental ischemia impairs middle cerebral artery myogenic responses in the pregnant rat. <i>Hypertension</i> , 2011 , 58, 1126-31	8.5	30
46	Nucleosome interaction surface of linker histone H1c is distinct from that of H1(0). <i>Journal of Biological Chemistry</i> , 2010 , 285, 20891-6	5.4	28
45	Prothymosin alpha is a component of a linker histone chaperone. <i>FEBS Letters</i> , 2010 , 584, 2833-6	3.8	26
44	Therapeutic angiogenesis by vascular endothelial growth factor supplementation for treatment of renal disease. <i>Current Opinion in Nephrology and Hypertension</i> , 2016 , 25, 404-9	3.5	24
43	Pro-angiogenic therapeutics for preeclampsia. <i>Biology of Sex Differences</i> , 2018 , 9, 36	9.3	24
42	Heme oxygenase inhibition increases blood pressure in pregnant rats. <i>American Journal of Hypertension</i> , 2013 , 26, 924-30	2.3	24
41	Growth factor purification and delivery systems (PADS) for therapeutic angiogenesis. <i>Vascular Cell</i> , 2015 , 7, 1	1	23
40	A polypeptide drug carrier for maternal delivery and prevention of fetal exposure. <i>Journal of Drug Targeting</i> , 2014 , 22, 935-47	5.4	21
39	A Maternally Sequestered, Biopolymer-Stabilized Vascular Endothelial Growth Factor (VEGF) Chimera for Treatment of Preeclampsia. <i>Journal of the American Heart Association</i> , 2017 , 6,	6	21
38	Renal medullary endothelin-1 is decreased in Dahl salt-sensitive rats. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2011 , 301, R519-23	3.2	20
37	Research Recommendations From the National Institutes of Health Workshop on Predicting, Preventing, and Treating Preeclampsia. <i>Hypertension</i> , 2019 , 73, 757-766	8.5	19
36	Photobleaching studies reveal that a single amino acid polymorphism is responsible for the differential binding affinities of linker histone subtypes H1.1 and H1.5. <i>Biology Open</i> , 2016 , 5, 372-80	2.2	19
35	Heme oxygenase in pregnancy and preeclampsia. <i>Current Opinion in Nephrology and Hypertension</i> , 2013 , 22, 156-62	3.5	18
34	New approaches for managing preeclampsia: clues from clinical and basic research. <i>Clinical Therapeutics</i> , 2014 , 36, 1873-1881	3.5	16
33	Induction of heme oxygenase-1 shifts the balance from proinjury to prosurvival in the placentas of pregnant rats with reduced uterine perfusion pressure. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2012 , 302, R620-6	3.2	15
32	Biopolymer-Delivered, Maternally Sequestered NF-B (Nuclear Factor-B) Inhibitory Peptide for Treatment of Preeclampsia. <i>Hypertension</i> , 2020 , 75, 193-201	8.5	15

31	Carbon Monoxide Releasing Molecules Blunt Placental Ischemia-Induced Hypertension. <i>American Journal of Hypertension</i> , 2017 , 30, 931-937	2.3	14
30	Role of 20-hydroxyeicosatetraenoic acid in mediating hypertension in response to chronic renal medullary endothelin type B receptor blockade. <i>PLoS ONE</i> , 2011 , 6, e26063	3.7	13
29	Maternally sequestered therapeutic polypeptides - a new approach for the management of preeclampsia. <i>Frontiers in Pharmacology</i> , 2014 , 5, 201	5.6	11
28	The glycocalyx: a central regulator of vascular function. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2021 , 320, R508-R518	3.2	11
27	Heme oxygenase induction attenuates TNF- β -induced hypertension in pregnant rodents. <i>Frontiers in Pharmacology</i> , 2015 , 6, 165	5.6	10
26	Acute Hypoxia and Chronic Ischemia Induce Differential Total Changes in Placental Epigenetic Modifications. <i>Reproductive Sciences</i> , 2019 , 26, 766-773	3	10
25	Heparanase regulation of sFLT-1 release in trophoblasts in vitro. <i>Placenta</i> , 2019 , 85, 63-68	3.4	9
24	Placental ischemia induces changes in gene expression in chorionic tissue. <i>Mammalian Genome</i> , 2014 , 25, 253-61	3.2	9
23	The heme oxygenases: important regulators of pregnancy and preeclampsia. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2014 , 307, R769-77	3.2	9
22	Heme oxygenase-1 promotes migration and epithelial Na ⁺ channel expression in cytotrophoblasts and ischemic placentas. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2014 , 306, R641-6	3.2	9
21	Corneal Penetrating Elastin-Like Polypeptide Carriers. <i>Journal of Ocular Pharmacology and Therapeutics</i> , 2016 , 32, 163-71	2.6	8
20	The Heart During Pregnancy. <i>Revista Espanola De Cardiologia (English Ed)</i> , 2011 , 64, 1045-1050	0.7	8
19	Unfractionated heparin displaces sFlt-1 from the placental extracellular matrix. <i>Biology of Sex Differences</i> , 2020 , 11, 34	9.3	5
18	Differential regulation of sFlt-1 splicing by U2AF65 and JMJD6 in placental-derived and endothelial cells. <i>Bioscience Reports</i> , 2020 , 40,	4.1	5
17	Animal models of preeclampsia: investigating pathophysiology and therapeutic targets. <i>American Journal of Obstetrics and Gynecology</i> , 2020 ,	6.4	3
16	Response to: Using Carbon Monoxide Releasing Molecules in Models of Pre-Eclampsia: When Should We Be Monitoring Vascular Effects?. <i>American Journal of Hypertension</i> , 2017 , 30, e11	2.3	1
15	VEGF: a possible therapeutic for the treatment of preeclampsia?. <i>Expert Review of Obstetrics and Gynecology</i> , 2011 , 6, 255-257		1
14	A Novel Anti-Inflammatory Agent for the Management of Preeclampsia. <i>FASEB Journal</i> , 2018 , 32, 911.3	0.9	1

13	The disease of theories: unravelling the mechanisms of pre-eclampsia. <i>Biochemist</i> , 2017 , 39, 22-25	0.5	1
12	Syncytialization alters the extracellular matrix and barrier function of placental trophoblasts. <i>American Journal of Physiology - Cell Physiology</i> , 2021 , 321, C694-C703	5.4	1
11	Elastin-Like Polypeptide: VEGF-B Fusion Protein for Treatment of Preeclampsia. <i>Hypertension</i> , 2021 , 78, 1888-1901	8.5	0
10	Immunological comparison of pregnant Dahl salt-sensitive and Sprague-Dawley rats commonly used to model characteristics of preeclampsia. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2021 , 321, R125-R138	3.2	0
9	Animal Models for Investigating Pathophysiological Mechanisms of Preeclampsia 2015 , 209-220		
8	Vascular Mechanisms of Hypertension in the Pathophysiology of Preeclampsia 2012 , 1329-1337		
7	Animal Models Used for Investigating Pathophysiology of Preeclampsia and Identifying Therapeutic Targets 2022 , 435-447		
6	Alternative Administration Routes of a Biopolymer-Stabilized VEGF Chimera to Optimize Therapeutic Efficacy in Treating a Rodent Model of Placental Ischemia. <i>FASEB Journal</i> , 2018 , 32, 729.3	0.9	
5	sFlt-1 Splicing Regulation by U2AF65 and JMJD6 in Endothelial Cells. <i>FASEB Journal</i> , 2019 , 33, 865.12	0.9	
4	sFlt-1 Production in Endothelial Cells is Regulated in Part by VEGF Receptor Signaling. <i>FASEB Journal</i> , 2019 , 33, 865.11	0.9	
3	A corneal penetrating drug delivery system based on elastin-like polypeptide (1053.4). <i>FASEB Journal</i> , 2014 , 28, 1053.4	0.9	
2	Sildenafil Administration Attenuates Placental Ischemia and sFlt-1 Induced Hypertension in Pregnant Rats. <i>FASEB Journal</i> , 2012 , 26, 1097.5	0.9	
1	Hyperinsulinemia increases blood pressure and pup weight in pregnant rats. <i>FASEB Journal</i> , 2012 , 26, 1097.6	0.9	