

Shakil Ahmad

List of Publications by Year in descending order

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41
papers

3,686
citations

236833

25
h-index

289141

40
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44
all docs

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docs citations

44
times ranked

4694
citing authors

#	ARTICLE	IF	CITATIONS
1	Elevated Placental Soluble Vascular Endothelial Growth Factor Receptor-1 Inhibits Angiogenesis in Preeclampsia. <i>Circulation Research</i> , 2004, 95, 884-891.	2.0	454
2	Negative Regulation of Soluble Flt-1 and Soluble Endoglin Release by Heme Oxygenase-1. <i>Circulation</i> , 2007, 115, 1789-1797.	1.6	383
3	Deficiency in catechol-O-methyltransferase and 2-methoxyoestradiol is associated with pre-eclampsia. <i>Nature</i> , 2008, 453, 1117-1121.	13.7	348
4	Establishment of porcine and human expanded potential stem cells. <i>Nature Cell Biology</i> , 2019, 21, 687-699.	4.6	261
5	Dysregulation of Hydrogen Sulfide Producing Enzyme Cystathionine β -lyase Contributes to Maternal Hypertension and Placental Abnormalities in Preeclampsia. <i>Circulation</i> , 2013, 127, 2514-2522.	1.6	224
6	Release and Complex Formation of Soluble VEGFR-1 from Endothelial Cells and Biological Fluids. <i>Laboratory Investigation</i> , 2000, 80, 443-454.	1.7	199
7	Reduction of circulating soluble Flt-1 alleviates preeclampsia-like symptoms in a mouse model. <i>Journal of Cellular and Molecular Medicine</i> , 2010, 14, 1857-1867.	1.6	161
8	Autoantibody From Women With Preeclampsia Induces Soluble Fms-Like Tyrosine Kinase-1 Production via Angiotensin Type 1 Receptor and Calcineurin/Nuclear Factor of Activated T-Cells Signaling. <i>Hypertension</i> , 2008, 51, 1010-1019.	1.3	159
9	Angiotensin II Induces Soluble fms-Like Tyrosine Kinase-1 Release via Calcineurin Signaling Pathway in Pregnancy. <i>Circulation Research</i> , 2007, 100, 88-95.	2.0	147
10	Direct Evidence for Endothelial Vascular Endothelial Growth Factor Receptor-1 Function in Nitric Oxide-Mediated Angiogenesis. <i>Circulation Research</i> , 2006, 99, 715-722.	2.0	128
11	Activation of Vascular Endothelial Growth Factor Receptor-1 Sustains Angiogenesis and Bcl-2 Expression Via the Phosphatidylinositol 3-Kinase Pathway in Endothelial Cells. <i>Diabetes</i> , 2003, 52, 2959-2968.	0.3	115
12	The role of heterodimerization between VEGFR-1 and VEGFR-2 in the regulation of endothelial cell homeostasis. <i>Nature Communications</i> , 2012, 3, 972.	5.8	107
13	Nitric Oxide-Dependent Bone Marrow Progenitor Mobilization by Carbon Monoxide Enhances Endothelial Repair After Vascular Injury. <i>Circulation</i> , 2010, 121, 537-548.	1.6	106
14	Hypoxia Induces Dilated Cardiomyopathy in the Chick Embryo: Mechanism, Intervention, and Long-Term Consequences. <i>PLoS ONE</i> , 2009, 4, e5155.	1.1	105
15	Pravastatin for early-onset pre-eclampsia: a randomised, blinded, placebo-controlled trial. <i>BJOG: an International Journal of Obstetrics and Gynaecology</i> , 2020, 127, 478-488.	1.1	85
16	Antiproliferative effects of carbon monoxide on pancreatic cancer. <i>Digestive and Liver Disease</i> , 2014, 46, 369-375.	0.4	82
17	Resveratrol inhibits the release of soluble fms-like tyrosine kinase (sFlt-1) from human placenta. <i>American Journal of Obstetrics and Gynecology</i> , 2012, 206, 253.e10-253.e15.	0.7	55
18	Autocrine activity of soluble Flt-1 controls endothelial cell function and angiogenesis. <i>Vascular Cell</i> , 2011, 3, 15.	0.2	54

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19	Loss of Akt activity increases circulating soluble endoglin release in preeclampsia: identification of inter-dependency between Akt-1 and heme oxygenase-1. <i>European Heart Journal</i> , 2012, 33, 1150-1158.	1.0	54
20	Carbon monoxide inhibits sprouting angiogenesis and vascular endothelial growth factor receptor-2 phosphorylation. <i>Thrombosis and Haemostasis</i> , 2015, 113, 329-337.	1.8	47
21	Heparin Elevates Circulating Soluble fms-Like Tyrosine Kinase-1 Immunoreactivity in Pregnant Women Receiving Anticoagulation Therapy. <i>Circulation</i> , 2011, 124, 2543-2553.	1.6	45
22	Angiopietin-2 Confers Atheroprotection in apoE ^{0/0} Mice by Inhibiting LDL Oxidation via Nitric Oxide. <i>Circulation Research</i> , 2009, 104, 1333-1336.	2.0	43
23	Activation of Proteinase-Activated Receptor 2 Stimulates Soluble Vascular Endothelial Growth Factor Receptor 1 Release via Epidermal Growth Factor Receptor Transactivation in Endothelial Cells. <i>Hypertension</i> , 2010, 55, 689-697.	1.3	40
24	VEGF-E activates endothelial nitric oxide synthase to induce angiogenesis via cGMP and PKG-independent pathways. <i>Biochemical and Biophysical Research Communications</i> , 2006, 345, 1275-1282.	1.0	35
25	The Release of Nitric Oxide from S-Nitrosothiols Promotes Angiogenesis. <i>PLoS ONE</i> , 2006, 1, e25.	1.1	25
26	Selective Inhibition of the Human tie-1 Promoter with Triplex-Forming Oligonucleotides Targeted to Ets Binding Sites. <i>Molecular Medicine</i> , 2006, 12, 8-16.	1.9	24
27	Antiangiogenic Effect of Soluble Vascular Endothelial Growth Factor Receptor-1 in Placental Angiogenesis. <i>Endothelium: Journal of Endothelial Cell Research</i> , 2005, 12, 89-95.	1.7	23
28	Angiopietin-1 Induces Migration of Monocytes in a Tie-2 and Integrin-Independent Manner. <i>Hypertension</i> , 2010, 56, 477-483.	1.3	21
29	Hydrogen sulfide releasing molecule MZe786 inhibits soluble Flt-1 and prevents preeclampsia in a refined RUPP mouse model. <i>Redox Biology</i> , 2021, 38, 101814.	3.9	20
30	Upregulation of Urotensin II Receptor in Preeclampsia Causes In Vitro Placental Release of Soluble Vascular Endothelial Growth Factor Receptor 1 in Hypoxia. <i>Hypertension</i> , 2010, 56, 172-178.	1.3	19
31	Bioenergetic effects of hydrogen sulfide suppress soluble Flt-1 and soluble endoglin in cystathionine gamma-lyase compromised endothelial cells. <i>Scientific Reports</i> , 2020, 10, 15810.	1.6	19
32	S100P enhances the motility and invasion of human trophoblast cell lines. <i>Scientific Reports</i> , 2018, 8, 11488.	1.6	18
33	Angiopietin-1 promotes atherosclerosis by increasing the proportion of circulating Gr1 ⁺ monocytes. <i>Cardiovascular Research</i> , 2017, 113, 81-89.	1.8	17
34	MZe786, a hydrogen sulfide-releasing aspirin prevents preeclampsia in heme oxygenase-1 haplodeficient pregnancy under high soluble flt-1 environment. <i>Redox Biology</i> , 2021, 38, 101768.	3.9	14
35	MZe786 Rescues Cardiac Mitochondrial Activity in High sFlt-1 and Low HO-1 Environment. <i>Antioxidants</i> , 2020, 9, 598.	2.2	12
36	Inorganic Nitrate in Angina Study: A Randomized Double-blind Placebo-controlled Trial. <i>Journal of the American Heart Association</i> , 2017, 6, .	1.6	11

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37	Î²-Cell-Specific Glucocorticoid Reactivation Attenuates Inflammatory Î²-Cell Destruction. <i>Frontiers in Endocrinology</i> , 2014, 5, 165.	1.5	9
38	Transdermal Delivery of a Hydrogen Sulphide Donor, ADT-OH Using Aqueous Gel Formulations for the Treatment of Impaired Vascular Function: an Ex Vivo Study. <i>Pharmaceutical Research</i> , 2022, 39, 341-352.	1.7	8
39	Response to Letter Regarding Article, "Dysregulation of Hydrogen Sulfide (H ₂ S) Producing Enzyme Cystathionine Î³-lyase (CSE) Contributes to Maternal Hypertension and Placental Abnormalities in Preeclampsia". <i>Circulation</i> , 2014, 129, e517-8.	1.6	5
40	A randomized double-blind placebo-controlled crossover trial of sodium nitrate in patients with stable angina INAS. <i>Future Cardiology</i> , 2016, 12, 617-626.	0.5	4
41	A pilot study using laser-based technique for non-invasive diagnostics of hypertensive conditions in mice. , 2016, , .		0