Syamantak Majumder

List of Publications by Year
in descending order

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54	1,678	304368	301761
papers	citations	22	39
		h-index	g-index

56	56	56	2978
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	YAP/TAZ Are Mechanoregulators of TGF-Î²-Smad Signaling and Renal Fibrogenesis. Journal of the American Society of Nephrology: JASN, 2016, 27, 3117-3128.	3.0	316
2	Shifts in podocyte histone H3K27me3 regulate mouse and human glomerular disease. Journal of Clinical Investigation, 2017, 128, 483-499.	3.9	88
3	Secreted Frizzled-Related Protein 4. American Journal of Pathology, 2010, 176, 1505-1516.	1.9	78
4	The Histone Methyltransferase Enzyme Enhancer of Zeste Homolog 2 Protects against Podocyte Oxidative Stress and Renal Injury in Diabetes. Journal of the American Society of Nephrology: JASN, 2016, 27, 2021-2034.	3.0	72
5	Dapagliflozin in focal segmental glomerulosclerosis: a combined human-rodent pilot study. American Journal of Physiology - Renal Physiology, 2018, 314, F412-F422.	1.3	68
6	Shear stress promotes nitric oxide production in endothelial cells by sub-cellular delocalization of eNOS: A basis for shear stress mediated angiogenesis. Nitric Oxide - Biology and Chemistry, 2010, 22, 304-315.	1.2	60
7	VEGF and the diabetic kidney: More than too much of a good thing. Journal of Diabetes and Its Complications, 2017, 31, 273-279.	1.2	56
8	Cadmium reduces nitric oxide production by impairing phosphorylation of endothelial nitric oxide synthase. Biochemistry and Cell Biology, 2008, 86, 1-10.	0.9	54
9	Thalidomide attenuates nitric oxideâ€driven angiogenesis by interacting with soluble guanylyl cyclase. British Journal of Pharmacology, 2009, 158, 1720-1734.	2.7	53
10	HDAC6 Inhibition Promotes Transcription Factor EB Activation and Is Protective in Experimental Kidney Disease. Frontiers in Pharmacology, 2018, 9, 34.	1.6	47
11	l-Theanine promotes nitric oxide production in endothelial cells through eNOS phosphorylation. Journal of Nutritional Biochemistry, 2013, 24, 595-605.	1.9	46
12	Simulated microgravity perturbs actin polymerization to promote nitric oxide-associated migration in human immortalized Eahy926 cells. Protoplasma, 2010, 242, 3-12.	1.0	43
13	Simulated microgravity promotes nitric oxideâ€supported angiogenesis via the iNOSâ€“cGMPâ€“PKG pathway in macrovascular endothelial cells. FEBS Letters, 2010, 584, 3415-3423.	1.3	41
14	TNF α Signaling Beholds Thalidomide Saga: A Review of Mechanistic Role of TNF-α Signaling Under Thalidomide. Current Topics in Medicinal Chemistry, 2012, 12, 1456-1467.	1.0	41
15	Study of the cellular mechanism of Sunitinib mediated inactivation of activated hepatic stellate cells and its implications in angiogenesis. European Journal of Pharmacology, 2013, 705, 86-95.	1.7	38
16	Dysregulated expression but redundant function of the long non-coding RNA HOTAIR in diabetic kidney disease. Diabetologia, 2019, 62, 2129-2142.	2.9	38
17	Nitric oxide/cGMP protects endothelial cells from hypoxia-mediated leakiness. European Journal of Cell Biology, 2008, 87, 147-161.	1.6	36
18	A comparative study of NONOate based NO donors: Spermine NONOate is the best suited NO donor for angiogenesis. Nitric Oxide - Biology and Chemistry, 2014, 36, 76-86.	1.2	27

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19	Histone H3 Serine 10 Phosphorylation Facilitates Endothelial Activation in Diabetic Kidney Disease. Diabetes, 2018, 67, 2668-2681.	0.3	27
20	Simulated microgravity promoted differentiation of bipotential murine oval liver stem cells by modulating BMP4/notch1 signaling. Journal of Cellular Biochemistry, 2011, 112, 1898-1908.	1.2	25
21	Synthesis and anti-angiogenic activity of benzothiazole, benzimidazole containing phthalimide derivatives. Bioorganic and Medicinal Chemistry Letters, 2013, 23, 287-290.	1.0	25
22	Rho-kinase as a therapeutic target in vascular diseases: Striking nitric oxide signaling. Nitric Oxide - Biology and Chemistry, 2014, 43, 45-54.	1.2	24
23	G-Proteinâ€“Coupled Receptor-2â€“Interacting Protein-1 Is Required for Endothelial Cell Directional Migration and Tumor Angiogenesis via Cortactin-Dependent Lamellipodia Formation. Arteriosclerosis, Thrombosis, and Vascular Biology, 2014, 34, 419-426.	1.1	23
24	EP4 inhibition attenuates the development of diabetic and non-diabetic experimental kidney disease. Scientific Reports, 2017, 7, 3442.	1.6	22
25	Common and Unique microRNAs in Multiple Carcinomas Regulate Similar Network of Pathways to Mediate Cancer Progression. Scientific Reports, 2020, 10, 2331.	1.6	22
26	Janus Kinase 2 Regulates Transcription Factor EB Expression and Autophagy Completion in Glomerular Podocytes. Journal of the American Society of Nephrology: JASN, 2017, 28, 2641-2653.	3.0	21
27	Evaluation of the role of nitric oxide in acid sensing ion channel mediated cell death. Nitric Oxide - Biology and Chemistry, 2010, 22, 213-219.	1.2	20
28	Everolimus is a potent inhibitor of activated hepatic stellate cell functions inÂvitro and inÂvivo, while demonstrating anti-angiogenic activities. Clinical Science, 2014, 126, 775-791.	1.8	20
29	Cadmium attenuates bradykinin-driven nitric oxide production by interplaying with the localization pattern of endothelial nitric oxide synthase. Biochemistry and Cell Biology, 2009, 87, 605-620.	0.9	19
30	Prostaglandin I2 Receptor Agonism Preserves Î²-Cell Function and Attenuates Albuminuria Through Nephrin-Dependent Mechanisms. Diabetes, 2016, 65, 1398-1409.	0.3	19
31	G-Proteinâ€“Coupled Receptor Kinase Interacting Protein-1 Mediates Intima Formation by Regulating Vascular Smooth Muscle Proliferation, Apoptosis, and Migration. Arteriosclerosis, Thrombosis, and Vascular Biology, 2013, 33, 999-1005.	1.1	17
32	G-Protein-Coupled Receptor-2-Interacting Protein-1 Controls Stalk Cell Fate by Inhibiting Delta-like 4-Notch1 Signaling. Cell Reports, 2016, 17, 2532-2541.	2.9	17
33	Characterization of a pro-angiogenic, novel peptide from Russell's viper (Daboia russelii russelii) venom. Toxicon, 2014, 77, 26-31.	0.8	15
34	Chick Embryo Partial Ischemia Model: A New Approach to Study Ischemia Ex Vivo. PLoS ONE, 2010, 5, e10524.	1.1	14
35	The epigenetic regulation of podocyte function in diabetes. Journal of Diabetes and Its Complications, 2015, 29, 1337-1344.	1.2	13
36	Nitric Oxide Reverses the Position of the Heart during Embryonic Development. International Journal of Molecular Sciences, 2019, 20, 1157.	1.8	13

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37	A global transcriptomic pipeline decoding core network of genes involved in stages leading to acquisition of drug-resistance to cisplatin in osteosarcoma cells. Bioinformatics, 2019, 35, 1701-1711.	1.8	13
38	Inhibitory activity of the peptides derived from buffalo prolactin on angiogenesis. Journal of Biosciences, 2011, 36, 341-354.	0.5	12
39	Activated pericyte attenuates endothelial functions: nitric oxide â€“ cGMP rescues activated pericyte-associated endothelial dysfunctions. Biochemistry and Cell Biology, 2007, 85, 709-720.	0.9	10
40	NO (nitric oxide): The ring master. European Journal of Cell Biology, 2011, 90, 58-71.	1.6	10
41	Interleukin-6 secreted by bipotential murine oval liver stem cells induces apoptosis of activated hepatic stellate cells by activating NF-Î°B-inducible nitric oxide synthase signaling. Biochemistry and Cell Biology, 2017, 95, 263-272.	0.9	10
42	Transcriptomic analysis associated with reversal of cisplatin sensitivity in drug resistant osteosarcoma cells after a drug holiday. BMC Cancer, 2019, 19, 1045.	1.1	10
43	Intermittent High Glucose Elevates Nuclear Localization of EZH2 to Cause H3K27me3-Dependent Repression of KLF2 Leading to Endothelial Inflammation. Cells, 2021, 10, 2548.	1.8	9
44	The Dipeptidyl Peptidase 4 Substrate CXCL12 Has Opposing Cardiac Effects in Young Mice and Aged Diabetic Mice Mediated by Ca2+ Flux and Phosphoinositide 3-Kinase Î³. Diabetes, 2018, 67, 2443-2455.	0.3	8
45	Dynamic alterations of H3K4me3 and H3K27me3 at ADAM17 and Jaggedâ€1 gene promoters cause an inflammatory switch of endothelial cells. Journal of Cellular Physiology, 2022, 237, 992-1012.	2.0	8
46	Elevated H3K4me3 Through MLL2-WDR82 upon Hyperglycemia Causes Jagged Ligand Dependent Notch Activation to Interplay with Differentiation State of Endothelial Cells. Frontiers in Cell and Developmental Biology, 2022, 10, 839109.	1.8	7
47	The Role of Calreticulin Transacetylase in the Activation of Human Platelet Nitrite Reductase by Polyphenolic Acetates. Biological and Pharmaceutical Bulletin, 2009, 32, 161-165.	0.6	6
48	Drug Tolerant Cells: An Emerging Target With Unique Transcriptomic Features. Cancer Informatics, 2019, 18, 117693511988163.	0.9	6
49	Inhibition of dynamin-2 confers endothelial barrier dysfunctions by attenuating nitric oxide production. Cell Biology International, 2010, 34, 755-761.	1.4	5
50	Unraveling the epigenetic landscape of glomerular cells in kidney disease. Journal of Molecular Medicine, 2021, 99, 785-803.	1.7	3
51	Engineering a light-driven cyanine based molecular rotor to enhance the sensitivity towards a viscous medium. Materials Advances, 2021, 2, 4804-4813.	2.6	2
52	Use of Stem Cells to Block the Activation of Hepatic Stellate Cells in Diseased Liver. , 2014, , 221-232.		1
53	Developing an Ex Vivo Model of Ischemia Using Early Chick-Embryo: A Model to Study Ischemia Related Angiogenesis. , 2012, , 241-251.		0
54	Regulation of Oxidative Stress by Nitric Oxide Defines Lung Development and Diseases. , 2020, , 445-464.		0