

# Syamantak Majumder

## List of Publications by Citations

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54  
papers

1,203  
citations

20  
h-index

33  
g-index

56  
ext. papers

1,464  
ext. citations

5.4  
avg, IF

4.11  
L-index

#	Paper	IF	Citations
54	YAP/TAZ Are Mechanoregulators of TGF $\beta$ -Smad Signaling and Renal Fibrogenesis. <i>Journal of the American Society of Nephrology: JASN</i> , <b>2016</b> , 27, 3117-3128	12.7	201
53	Secreted frizzled-related protein 4: an angiogenesis inhibitor. <i>American Journal of Pathology</i> , <b>2010</b> , 176, 1505-16	5.8	69
52	Shifts in podocyte histone H3K27me3 regulate mouse and human glomerular disease. <i>Journal of Clinical Investigation</i> , <b>2018</b> , 128, 483-499	15.9	54
51	Shear stress promotes nitric oxide production in endothelial cells by sub-cellular delocalization of eNOS: A basis for shear stress mediated angiogenesis. <i>Nitric Oxide - Biology and Chemistry</i> , <b>2010</b> , 22, 304-315	5.15	49
50	The Histone Methyltransferase Enzyme Enhancer of Zeste Homolog 2 Protects against Podocyte Oxidative Stress and Renal Injury in Diabetes. <i>Journal of the American Society of Nephrology: JASN</i> , <b>2016</b> , 27, 2021-34	12.7	46
49	Thalidomide attenuates nitric oxide-driven angiogenesis by interacting with soluble guanylyl cyclase. <i>British Journal of Pharmacology</i> , <b>2009</b> , 158, 1720-34	8.6	46
48	Cadmium reduces nitric oxide production by impairing phosphorylation of endothelial nitric oxide synthase. <i>Biochemistry and Cell Biology</i> , <b>2008</b> , 86, 1-10	3.6	46
47	Dapagliflozin in focal segmental glomerulosclerosis: a combined human-rodent pilot study. <i>American Journal of Physiology - Renal Physiology</i> , <b>2018</b> , 314, F412-F422	4.3	46
46	VEGF and the diabetic kidney: More than too much of a good thing. <i>Journal of Diabetes and Its Complications</i> , <b>2017</b> , 31, 273-279	3.2	39
45	L-theanine promotes nitric oxide production in endothelial cells through eNOS phosphorylation. <i>Journal of Nutritional Biochemistry</i> , <b>2013</b> , 24, 595-605	6.3	38
44	Simulated microgravity perturbs actin polymerization to promote nitric oxide-associated migration in human immortalized Eahy926 cells. <i>Protoplasma</i> , <b>2010</b> , 242, 3-12	3.4	36
43	Simulated microgravity promotes nitric oxide-supported angiogenesis via the iNOS-cGMP-PKG pathway in macrovascular endothelial cells. <i>FEBS Letters</i> , <b>2010</b> , 584, 3415-23	3.8	31
42	TNF $\beta$ signaling beholds thalidomide saga: a review of mechanistic role of TNF- $\beta$ signaling under thalidomide. <i>Current Topics in Medicinal Chemistry</i> , <b>2012</b> , 12, 1456-67	3	30
41	Study of the cellular mechanism of Sunitinib mediated inactivation of activated hepatic stellate cells and its implications in angiogenesis. <i>European Journal of Pharmacology</i> , <b>2013</b> , 705, 86-95	5.3	29
40	Nitric oxide/cGMP protects endothelial cells from hypoxia-mediated leakiness. <i>European Journal of Cell Biology</i> , <b>2008</b> , 87, 147-61	6.1	29
39	HDAC6 Inhibition Promotes Transcription Factor EB Activation and Is Protective in Experimental Kidney Disease. <i>Frontiers in Pharmacology</i> , <b>2018</b> , 9, 34	5.6	22
38	Simulated microgravity promoted differentiation of bipotential murine oval liver stem cells by modulating BMP4/Notch1 signaling. <i>Journal of Cellular Biochemistry</i> , <b>2011</b> , 112, 1898-908	4.7	22

37	Dysregulated expression but redundant function of the long non-coding RNA HOTAIR in diabetic kidney disease. <i>Diabetologia</i> , <b>2019</b> , 62, 2129-2142	10.3	21
36	Rho-kinase as a therapeutic target in vascular diseases: striking nitric oxide signaling. <i>Nitric Oxide - Biology and Chemistry</i> , <b>2014</b> , 43, 45-54	5	21
35	G-protein-coupled receptor-2-interacting protein-1 is required for endothelial cell directional migration and tumor angiogenesis via cortactin-dependent lamellipodia formation. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2014</b> , 34, 419-26	9.4	21
34	Synthesis and anti-angiogenic activity of benzothiazole, benzimidazole containing phthalimide derivatives. <i>Bioorganic and Medicinal Chemistry Letters</i> , <b>2013</b> , 23, 287-90	2.9	20
33	A comparative study of NONOate based NO donors: spermine NONOate is the best suited NO donor for angiogenesis. <i>Nitric Oxide - Biology and Chemistry</i> , <b>2014</b> , 36, 76-86	5	19
32	Everolimus is a potent inhibitor of activated hepatic stellate cell functions in vitro and in vivo, while demonstrating anti-angiogenic activities. <i>Clinical Science</i> , <b>2014</b> , 126, 775-84	6.5	19
31	EP4 inhibition attenuates the development of diabetic and non-diabetic experimental kidney disease. <i>Scientific Reports</i> , <b>2017</b> , 7, 3442	4.9	18
30	Evaluation of the role of nitric oxide in acid sensing ion channel mediated cell death. <i>Nitric Oxide - Biology and Chemistry</i> , <b>2010</b> , 22, 213-9	5	18
29	Janus Kinase 2 Regulates Transcription Factor EB Expression and Autophagy Completion in Glomerular Podocytes. <i>Journal of the American Society of Nephrology: JASN</i> , <b>2017</b> , 28, 2641-2653	12.7	17
28	Cadmium attenuates bradykinin-driven nitric oxide production by interplaying with the localization pattern of endothelial nitric oxide synthase. <i>Biochemistry and Cell Biology</i> , <b>2009</b> , 87, 605-20	3.6	16
27	Characterization of a pro-angiogenic, novel peptide from Russell's viper ( <i>Daboia russelii russelii</i> ) venom. <i>Toxicon</i> , <b>2014</b> , 77, 26-31	2.8	15
26	Common and Unique microRNAs in Multiple Carcinomas Regulate Similar Network of Pathways to Mediate Cancer Progression. <i>Scientific Reports</i> , <b>2020</b> , 10, 2331	4.9	14
25	Prostaglandin I2 Receptor Agonism Preserves ECell Function and Attenuates Albuminuria Through Nephrin-Dependent Mechanisms. <i>Diabetes</i> , <b>2016</b> , 65, 1398-409	0.9	13
24	G-protein-coupled receptor kinase interacting protein-1 mediates intima formation by regulating vascular smooth muscle proliferation, apoptosis, and migration. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2013</b> , 33, 999-1005	9.4	13
23	G-Protein-Coupled Receptor-2-Interacting Protein-1 Controls Stalk Cell Fate by Inhibiting Delta-like 4-Notch1 Signaling. <i>Cell Reports</i> , <b>2016</b> , 17, 2532-2541	10.6	13
22	The epigenetic regulation of podocyte function in diabetes. <i>Journal of Diabetes and Its Complications</i> , <b>2015</b> , 29, 1337-44	3.2	12
21	Chick embryo partial ischemia model: a new approach to study ischemia ex vivo. <i>PLoS ONE</i> , <b>2010</b> , 5, e10524	3.7	11
20	Interleukin-6 secreted by bipotential murine oval liver stem cells induces apoptosis of activated hepatic stellate cells by activating NF- $\kappa$ B-inducible nitric oxide synthase signaling. <i>Biochemistry and Cell Biology</i> , <b>2017</b> , 95, 263-272	3.6	9

19	NO (nitric oxide): the ring master. <i>European Journal of Cell Biology</i> , <b>2011</b> , 90, 58-71	6.1	9
18	Inhibitory activity of the peptides derived from buffalo prolactin on angiogenesis. <i>Journal of Biosciences</i> , <b>2011</b> , 36, 341-54	2.3	9
17	Histone H3 Serine 10 Phosphorylation Facilitates Endothelial Activation in Diabetic Kidney Disease. <i>Diabetes</i> , <b>2018</b> , 67, 2668-2681	0.9	9
16	Nitric Oxide Reverses the Position of the Heart during Embryonic Development. <i>International Journal of Molecular Sciences</i> , <b>2019</b> , 20,	6.3	8
15	Activated pericyte attenuates endothelial functions: nitric oxide-cGMP rescues activated pericyte-associated endothelial dysfunctions. <i>Biochemistry and Cell Biology</i> , <b>2007</b> , 85, 709-20	3.6	8
14	A global transcriptomic pipeline decoding core network of genes involved in stages leading to acquisition of drug-resistance to cisplatin in osteosarcoma cells. <i>Bioinformatics</i> , <b>2019</b> , 35, 1701-1711	7.2	8
13	Transcriptomic analysis associated with reversal of cisplatin sensitivity in drug resistant osteosarcoma cells after a drug holiday. <i>BMC Cancer</i> , <b>2019</b> , 19, 1045	4.8	7
12	Inhibition of dynamin-2 confers endothelial barrier dysfunctions by attenuating nitric oxide production. <i>Cell Biology International</i> , <b>2010</b> , 34, 755-61	4.5	5
11	The role of calreticulin transacetylase in the activation of human platelet nitrite reductase by polyphenolic acetates. <i>Biological and Pharmaceutical Bulletin</i> , <b>2009</b> , 32, 161-5	2.3	5
10	The Dipeptidyl Peptidase 4 Substrate CXCL12 Has Opposing Cardiac Effects in Young Mice and Aged Diabetic Mice Mediated by Ca Flux and Phosphoinositide 3-Kinase $\square$ <i>Diabetes</i> , <b>2018</b> , 67, 2443-2455	0.9	5
9	Intermittent High Glucose Elevates Nuclear Localization of EZH2 to Cause H3K27me3-Dependent Repression of KLF2 Leading to Endothelial Inflammation. <i>Cells</i> , <b>2021</b> , 10,	7.9	2
8	Dynamic alterations of H3K4me3 and H3K27me3 at ADAM17 and Jagged-1 gene promoters cause an inflammatory switch of endothelial cells. <i>Journal of Cellular Physiology</i> , <b>2021</b> ,	7	2
7	Drug Tolerant Cells: An Emerging Target With Unique Transcriptomic Features. <i>Cancer Informatics</i> , <b>2019</b> , 18, 1176935119881633	2.4	1
6	Use of Stem Cells to Block the Activation of Hepatic Stellate Cells in Diseased Liver <b>2014</b> , 221-232		1
5	Unraveling the epigenetic landscape of glomerular cells in kidney disease. <i>Journal of Molecular Medicine</i> , <b>2021</b> , 99, 785-803	5.5	1
4	Elevated H3K4me3 Through MLL2-WDR82 upon Hyperglycemia Causes Jagged Ligand Dependent Notch Activation to Interplay with Differentiation State of Endothelial Cells.. <i>Frontiers in Cell and Developmental Biology</i> , <b>2022</b> , 10, 839109	5.7	0
3	Regulation of Oxidative Stress by Nitric Oxide Defines Lung Development and Diseases <b>2020</b> , 445-464		
2	Developing an Ex Vivo Model of Ischemia Using Early Chick-Embryo: A Model to Study Ischemia Related Angiogenesis <b>2012</b> , 241-251		

- 1 Engineering a light-driven cyanine based molecular rotor to enhance the sensitivity towards a viscous medium. *Materials Advances*, **2021**, 2, 4804-4813 33