

Syamantak Majumder

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/1896373/syamantak-majumder-publications-by-year.pdf>

Version: 2024-04-23

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	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> , 2022 , 10, 839109	5.7	0
53	Unraveling the epigenetic landscape of glomerular cells in kidney disease. <i>Journal of Molecular Medicine</i> , 2021 , 99, 785-803	5.5	1
52	Intermittent High Glucose Elevates Nuclear Localization of EZH2 to Cause H3K27me3-Dependent Repression of KLF2 Leading to Endothelial Inflammation. <i>Cells</i> , 2021 , 10,	7.9	2
51	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> , 2021 ,	7	2
50	Engineering a light-driven cyanine based molecular rotor to enhance the sensitivity towards a viscous medium. <i>Materials Advances</i> , 2021 , 2, 4804-4813	3.3	
49	Common and Unique microRNAs in Multiple Carcinomas Regulate Similar Network of Pathways to Mediate Cancer Progression. <i>Scientific Reports</i> , 2020 , 10, 2331	4.9	14
48	Regulation of Oxidative Stress by Nitric Oxide Defines Lung Development and Diseases 2020 , 445-464		
47	Nitric Oxide Reverses the Position of the Heart during Embryonic Development. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	8
46	Dysregulated expression but redundant function of the long non-coding RNA HOTAIR in diabetic kidney disease. <i>Diabetologia</i> , 2019 , 62, 2129-2142	10.3	21
45	Drug Tolerant Cells: An Emerging Target With Unique Transcriptomic Features. <i>Cancer Informatics</i> , 2019 , 18, 1176935119881633	2.4	1
44	Transcriptomic analysis associated with reversal of cisplatin sensitivity in drug resistant osteosarcoma cells after a drug holiday. <i>BMC Cancer</i> , 2019 , 19, 1045	4.8	7
43	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> , 2019 , 35, 1701-1711	7.2	8
42	HDAC6 Inhibition Promotes Transcription Factor EB Activation and Is Protective in Experimental Kidney Disease. <i>Frontiers in Pharmacology</i> , 2018 , 9, 34	5.6	22
41	Shifts in podocyte histone H3K27me3 regulate mouse and human glomerular disease. <i>Journal of Clinical Investigation</i> , 2018 , 128, 483-499	15.9	54
40	Dapagliflozin in focal segmental glomerulosclerosis: a combined human-rodent pilot study. <i>American Journal of Physiology - Renal Physiology</i> , 2018 , 314, F412-F422	4.3	46
39	Histone H3 Serine 10 Phosphorylation Facilitates Endothelial Activation in Diabetic Kidney Disease. <i>Diabetes</i> , 2018 , 67, 2668-2681	0.9	9
38	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> , 2018 , 67, 2443-2455	0.9	5

37	Janus Kinase 2 Regulates Transcription Factor EB Expression and Autophagy Completion in Glomerular Podocytes. <i>Journal of the American Society of Nephrology: JASN</i> , 2017 , 28, 2641-2653	12.7	17
36	EP4 inhibition attenuates the development of diabetic and non-diabetic experimental kidney disease. <i>Scientific Reports</i> , 2017 , 7, 3442	4.9	18
35	Interleukin-6 secreted by bipotential murine oval liver stem cells induces apoptosis of activated hepatic stellate cells by activating NF- κ B-inducible nitric oxide synthase signaling. <i>Biochemistry and Cell Biology</i> , 2017 , 95, 263-272	3.6	9
34	VEGF and the diabetic kidney: More than too much of a good thing. <i>Journal of Diabetes and Its Complications</i> , 2017 , 31, 273-279	3.2	39
33	YAP/TAZ Are Mechanoregulators of TGF- β -Smad Signaling and Renal Fibrogenesis. <i>Journal of the American Society of Nephrology: JASN</i> , 2016 , 27, 3117-3128	12.7	201
32	Prostaglandin I2 Receptor Agonism Preserves β Cell Function and Attenuates Albuminuria Through Nephrin-Dependent Mechanisms. <i>Diabetes</i> , 2016 , 65, 1398-409	0.9	13
31	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> , 2016 , 27, 2021-34	12.7	46
30	G-Protein-Coupled Receptor-2-Interacting Protein-1 Controls Stalk Cell Fate by Inhibiting Delta-like 4-Notch1 Signaling. <i>Cell Reports</i> , 2016 , 17, 2532-2541	10.6	13
29	The epigenetic regulation of podocyte function in diabetes. <i>Journal of Diabetes and Its Complications</i> , 2015 , 29, 1337-44	3.2	12
28	Rho-kinase as a therapeutic target in vascular diseases: striking nitric oxide signaling. <i>Nitric Oxide - Biology and Chemistry</i> , 2014 , 43, 45-54	5	21
27	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> , 2014 , 36, 76-86	5	19
26	Characterization of a pro-angiogenic, novel peptide from Russell's viper (<i>Daboia russelii russelii</i>) venom. <i>Toxicon</i> , 2014 , 77, 26-31	2.8	15
25	Use of Stem Cells to Block the Activation of Hepatic Stellate Cells in Diseased Liver 2014 , 221-232		1
24	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> , 2014 , 126, 775-84	6.5	19
23	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> , 2014 , 34, 419-26	9.4	21
22	L-theanine promotes nitric oxide production in endothelial cells through eNOS phosphorylation. <i>Journal of Nutritional Biochemistry</i> , 2013 , 24, 595-605	6.3	38
21	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> , 2013 , 705, 86-95	5.3	29
20	Synthesis and anti-angiogenic activity of benzothiazole, benzimidazole containing phthalimide derivatives. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2013 , 23, 287-90	2.9	20

19	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> , 2013 , 33, 999-1005	9.4	13
18	TNF signaling beholds thalidomide saga: a review of mechanistic role of TNF-signaling under thalidomide. <i>Current Topics in Medicinal Chemistry</i> , 2012 , 12, 1456-67	3	30
17	Developing an Ex Vivo Model of Ischemia Using Early Chick-Embryo: A Model to Study Ischemia Related Angiogenesis 2012 , 241-251		
16	NO (nitric oxide): the ring master. <i>European Journal of Cell Biology</i> , 2011 , 90, 58-71	6.1	9
15	Inhibitory activity of the peptides derived from buffalo prolactin on angiogenesis. <i>Journal of Biosciences</i> , 2011 , 36, 341-54	2.3	9
14	Simulated microgravity promoted differentiation of bipotential murine oval liver stem cells by modulating BMP4/Notch1 signaling. <i>Journal of Cellular Biochemistry</i> , 2011 , 112, 1898-908	4.7	22
13	Inhibition of dynamin-2 confers endothelial barrier dysfunctions by attenuating nitric oxide production. <i>Cell Biology International</i> , 2010 , 34, 755-61	4.5	5
12	Evaluation of the role of nitric oxide in acid sensing ion channel mediated cell death. <i>Nitric Oxide - Biology and Chemistry</i> , 2010 , 22, 213-9	5	18
11	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> , 2010 , 22, 304-15	5.15	49
10	Secreted frizzled-related protein 4: an angiogenesis inhibitor. <i>American Journal of Pathology</i> , 2010 , 176, 1505-16	5.8	69
9	Simulated microgravity perturbs actin polymerization to promote nitric oxide-associated migration in human immortalized Eahy926 cells. <i>Protoplasma</i> , 2010 , 242, 3-12	3.4	36
8	Simulated microgravity promotes nitric oxide-supported angiogenesis via the iNOS-cGMP-PKG pathway in macrovascular endothelial cells. <i>FEBS Letters</i> , 2010 , 584, 3415-23	3.8	31
7	Chick embryo partial ischemia model: a new approach to study ischemia ex vivo. <i>PLoS ONE</i> , 2010 , 5, e10524	3.7	11
6	Thalidomide attenuates nitric oxide-driven angiogenesis by interacting with soluble guanylyl cyclase. <i>British Journal of Pharmacology</i> , 2009 , 158, 1720-34	8.6	46
5	Cadmium attenuates bradykinin-driven nitric oxide production by interplaying with the localization pattern of endothelial nitric oxide synthase. <i>Biochemistry and Cell Biology</i> , 2009 , 87, 605-20	3.6	16
4	The role of calreticulin transacetylase in the activation of human platelet nitrite reductase by polyphenolic acetates. <i>Biological and Pharmaceutical Bulletin</i> , 2009 , 32, 161-5	2.3	5
3	Nitric oxide/cGMP protects endothelial cells from hypoxia-mediated leakiness. <i>European Journal of Cell Biology</i> , 2008 , 87, 147-61	6.1	29
2	Cadmium reduces nitric oxide production by impairing phosphorylation of endothelial nitric oxide synthase. <i>Biochemistry and Cell Biology</i> , 2008 , 86, 1-10	3.6	46

- 1 Activated pericyte attenuates endothelial functions: nitric oxide-cGMP rescues activated pericyte-associated endothelial dysfunctions. *Biochemistry and Cell Biology*, **2007**, 85, 709-20 3.6 8