

Madhulika Dixit

List of Publications by Year in descending order

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Version: 2024-02-01

45
papers

1,622
citations

430754

18
h-index

345118

36
g-index

48
all docs

48
docs citations

48
times ranked

2999
citing authors

#	ARTICLE	IF	CITATIONS
1	Protein tyrosine phosphatase-PEST mediates hypoxia-induced endothelial autophagy and angiogenesis via AMPK activation. <i>Journal of Cell Science</i> , 2021, 134, .	1.2	10
2	Prediabetes uncovers differential gene expression at fasting and in response to oral glucose load in immune cells. <i>Clinical Nutrition</i> , 2021, 40, 1247-1259.	2.3	7
3	Hyperinsulinemia promotes endothelial inflammation via increased expression and release of Angiopoietin-2. <i>Atherosclerosis</i> , 2020, 307, 1-10.	0.4	16
4	Altered kinetics of circulating progenitor cells in cardiopulmonary bypass (CPB) associated vasoplegic patients: A pilot study. <i>PLoS ONE</i> , 2020, 15, e0242375.	1.1	0
5	Title is missing!. , 2020, 15, e0242375.		0
6	Title is missing!. , 2020, 15, e0242375.		0
7	Title is missing!. , 2020, 15, e0242375.		0
8	Title is missing!. , 2020, 15, e0242375.		0
9	Title is missing!. , 2020, 15, e0242375.		0
10	Title is missing!. , 2020, 15, e0242375.		0
11	Amarogentin, a secoiridoid glycoside, activates AMP- activated protein kinase (AMPK) to exert beneficial vasculo-metabolic effects. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2019, 1863, 1270-1282.	1.1	18
12	Immobilization of hyaluronic acid from <i>Lactococcus lactis</i> on polyethylene terephthalate for improved biocompatibility and drug release. <i>Carbohydrate Polymers</i> , 2019, 206, 132-140.	5.1	13
13	A comparative study of polyethylene terephthalate surface carboxylation techniques: Characterization, in vitro haemocompatibility and endothelialization. <i>Reactive and Functional Polymers</i> , 2018, 122, 22-32.	2.0	21
14	Production of bioactive cyclotides in somatic embryos of <i>Viola odorata</i> . <i>Phytochemistry</i> , 2018, 156, 135-141.	1.4	14
15	Analysis and modelling of septic shock microarray data using Singular Value Decomposition. <i>Journal of Biomedical Informatics</i> , 2017, 70, 77-84.	2.5	0
16	Nimbolide upregulates RECK by targeting miR-21 and HIF-1 α in cell lines and in a hamster oral carcinogenesis model. <i>Scientific Reports</i> , 2017, 7, 2045.	1.6	114
17	Comparison and functional characterisation of peripheral blood mononuclear cells isolated from filarial lymphoedema and endemic normals of a South Indian population. <i>Tropical Medicine and International Health</i> , 2017, 22, 1414-1427.	1.0	1
18	Endothelial Dysfunction in Diabetes. , 2017, , 109-128.		1

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19	Angiopietinâ€2 mediates thrombinâ€induced monocyte adhesion and endothelial permeability. <i>Journal of Thrombosis and Haemostasis</i> , 2016, 14, 1655-1667.	1.9	23
20	Catestatin Gly364Ser Variant Alters Systemic Blood Pressure and the Risk for Hypertension in Human Populations via Endothelial Nitric Oxide Pathway. <i>Hypertension</i> , 2016, 68, 334-347.	1.3	21
21	Reprint of: Effect of fermentation parameters, elicitors and precursors on camptothecin production from the endophyte <i>Fusarium solani</i> . <i>Bioresource Technology</i> , 2016, 213, 311-318.	4.8	20
22	Blueberry inhibits invasion and angiogenesis in 7,12-dimethylbenz[a]anthracene (DMBA)-induced oral squamous cell carcinogenesis in hamsters via suppression of TGF-Î² and NF-Î²B signaling pathways. <i>Journal of Nutritional Biochemistry</i> , 2016, 35, 37-47.	1.9	27
23	<i>Gentiana lutea</i> exerts anti-atherosclerotic effects by preventing endothelial inflammation and smooth muscle cell migration. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2016, 26, 293-301.	1.1	30
24	Effect of fermentation parameters, elicitors and precursors on camptothecin production from the endophyte <i>Fusarium solani</i> . <i>Bioresource Technology</i> , 2016, 206, 104-111.	4.8	42
25	Role of Polyphenols and Other Phytochemicals on Molecular Signaling. <i>Oxidative Medicine and Cellular Longevity</i> , 2015, 2015, 1-15.	1.9	267
26	Impaired glucose tolerance alters functional ability of peripheral blood-derived mononuclear cells in Asian Indian men. <i>Diabetes and Vascular Disease Research</i> , 2015, 12, 13-22.	0.9	4
27	Astaxanthin Inhibits JAK/STAT-3 Signaling to Abrogate Cell Proliferation, Invasion and Angiogenesis in a Hamster Model of Oral Cancer. <i>PLoS ONE</i> , 2014, 9, e109114.	1.1	120
28	Dietary chlorophyllin abrogates TGFÎ² signaling to modulate the hallmark capabilities of cancer in an animal model of forestomach carcinogenesis. <i>Tumor Biology</i> , 2014, 35, 6725-6737.	0.8	9
29	Spo0A positively regulates epr expression by negating the repressive effect of co-repressors, SinR and ScoC, in <i>Bacillus subtilis</i> . <i>Journal of Biosciences</i> , 2013, 38, 291-299.	0.5	4
30	Hyperinsulinemia-induced vascular smooth muscle cell (VSMC) migration and proliferation is mediated by converging mechanisms of mitochondrial dysfunction and oxidative stress. <i>Molecular and Cellular Biochemistry</i> , 2013, 373, 95-105.	1.4	38
31	Ellagic acid inhibits PDGF-BB-induced vascular smooth muscle cell proliferation and prevents atheroma formation in streptozotocin-induced diabetic rats. <i>Journal of Nutritional Biochemistry</i> , 2013, 24, 1830-1839.	1.9	43
32	Inhibition of Vascular Smooth Muscle Cell Proliferation by <i>Gentiana lutea</i> Root Extracts. <i>PLoS ONE</i> , 2013, 8, e61393.	1.1	44
33	Increased Endothelial Inflammation, sTie-2 and Arginase Activity in Umbilical Cords Obtained from Gestational Diabetic Mothers. <i>PLoS ONE</i> , 2013, 8, e84546.	1.1	18
34	Glucose-induced increase in circulating progenitor cells is blunted in polycystic amenorrhoeic subjects. <i>Human Reproduction</i> , 2012, 27, 844-853.	0.4	4
35	Protein Tyrosine Phosphatase SHP2 Mediates Chronic Insulin-Induced Endothelial Inflammation. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2012, 32, 1943-1950.	1.1	34
36	Glucose challenge increases circulating progenitor cells in Asian Indian male subjects with normal glucose tolerance which is compromised in subjects with pre-diabetes: A pilot study. <i>BMC Endocrine Disorders</i> , 2011, 11, 2.	0.9	10

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37	Angiotensin-2 levels in glucose intolerance, hypertension, and metabolic syndrome in Asian Indians (Chennai Urban Rural Epidemiology Study). <i>Metabolism: Clinical and Experimental</i> , 2010, 59, 774-779.	1.5	21
38	Platelet Sarcoplasmic Endoplasmic Reticulum Ca ²⁺ -ATPase and β -Calpain Activity Are Altered in Type 2 Diabetes Mellitus and Restored by Rosiglitazone. <i>Circulation</i> , 2008, 117, 52-60.	1.6	91
39	Shear stress-induced activation of the AMP-activated protein kinase regulates FoxO1a and angiotensin-2 in endothelial cells. <i>Cardiovascular Research</i> , 2007, 77, 160-168.	1.8	64
40	ScoC and SinR Negatively Regulate epr by Corepression in <i>Bacillus subtilis</i> . <i>Journal of Bacteriology</i> , 2006, 188, 6425-6428.	1.0	17
41	Gab1, SHP2, and Protein Kinase A Are Crucial for the Activation of the Endothelial NO Synthase by Fluid Shear Stress. <i>Circulation Research</i> , 2005, 97, 1236-1244.	2.0	82
42	Role of PECAM-1 in the shear-stress-induced activation of Akt and the endothelial nitric oxide synthase (eNOS) in endothelial cells. <i>Journal of Cell Science</i> , 2005, 118, 4103-4111.	1.2	276
43	Treatment With Insulin Uncovers the Motogenic Capacity of Nitric Oxide in Aortic Smooth Muscle Cells. <i>Circulation Research</i> , 2003, 93, e113-23.	2.0	13
44	epr Is Transcribed from a σ ₇₀ Promoter and Is Involved in Swarming of <i>Bacillus subtilis</i> . <i>Journal of Bacteriology</i> , 2002, 184, 596-599.	1.0	27
45	Nitric Oxide-Induced Motility in Aortic Smooth Muscle Cells. <i>Circulation Research</i> , 2002, 91, 390-397.	2.0	57