

Nitish R Mahapatra

List of Publications by Year in descending order

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68
papers

1,968
citations

236833

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265120

42
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74
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74
docs citations

74
times ranked

1898
citing authors

#	ARTICLE	IF	CITATIONS
1	Functional Gly297Ser Variant of the Physiological Dysglycemic Peptide Pancreastatin Is a Novel Risk Factor for Cardiometabolic Disorders. <i>Diabetes</i> , 2022, 71, 538-553.	0.3	4
2	Key regulatory miRNAs in lipid homeostasis: Implications for cardiometabolic diseases and development of novel therapeutics. <i>Drug Discovery Today</i> , 2022, 27, 2170-2180.	3.2	9
3	Hypoxia-mediated regulation of mitochondrial transcription factors in renal epithelial cells: implications for hypertensive renal physiology. <i>Hypertension Research</i> , 2021, 44, 154-167.	1.5	3
4	An evolutionarily-conserved promoter allele governs HMG-CoA reductase expression in spontaneously hypertensive rat. <i>Journal of Molecular and Cellular Cardiology</i> , 2021, 158, 140-152.	0.9	2
5	Catestatin reverses the hypertrophic effects of norepinephrine in H9c2 cardiac myoblasts by modulating the adrenergic signaling. <i>Molecular and Cellular Biochemistry</i> , 2020, 464, 205-219.	1.4	14
6	MicroRNA 27a Is a Key Modulator of Cholesterol Biosynthesis. <i>Molecular and Cellular Biology</i> , 2020, 40, .	1.1	25
7	A Common Tag Nucleotide Variant in <i>MMP7</i> Promoter Increases Risk for Hypertension via Enhanced Interactions With CREB (Cyclic AMP Response Element-Binding Protein) Transcription Factor. <i>Hypertension</i> , 2019, 74, 1448-1459.	1.3	4
8	Regulation of Monoamine Oxidase B Gene Expression: Key Roles for Transcription Factors Sp1, Egr1 and CREB, and microRNAs miR-300 and miR-1224. <i>Journal of Molecular Biology</i> , 2019, 431, 1127-1147.	2.0	10
9	Role of Monoamine Oxidases in Heart Diseases. , 2019, , 129-150.		1
10	Bio-effective disease control and plant growth promotion in lentil by two pesticide degrading strains of <i>Bacillus</i> sp.. <i>Biological Control</i> , 2018, 127, 55-63.	1.4	32
11	Catestatin: A Master Regulator of Cardiovascular Functions. <i>Current Medicinal Chemistry</i> , 2018, 25, 1352-1374.	1.2	52
12	Chromogranin A regulates vesicle storage and mitochondrial dynamics to influence insulin secretion. <i>Cell and Tissue Research</i> , 2017, 368, 487-501.	1.5	24
13	A haplotype variant of the human chromogranin A gene (CHGA) promoter increases CHGA expression and the risk for cardiometabolic disorders. <i>Journal of Biological Chemistry</i> , 2017, 292, 13970-13985.	1.6	5
14	Functional promoter polymorphisms direct the expression of cystathionine gamma-lyase gene in mouse models of essential hypertension. <i>Journal of Molecular and Cellular Cardiology</i> , 2017, 102, 61-73.	0.9	5
15	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
16	A common genetic variant of the chromogranin A-derived peptide catestatin is associated with atherogenesis and hypertension in a Japanese population. <i>Endocrine Journal</i> , 2015, 62, 797-804.	0.7	15
17	Molecular mechanism of monoamine oxidase A gene regulation under inflammation and ischemia-like conditions: key roles of the transcription factors <i>GATA</i> 2, Sp1 and <i>TBP</i> . <i>Journal of Neurochemistry</i> , 2015, 134, 21-38.	2.1	39
18	Post-Transcriptional Regulation of Renalase Gene by miR-29 and miR-146 MicroRNAs: Implications for Cardiometabolic Disorders. <i>Journal of Molecular Biology</i> , 2015, 427, 2629-2646.	2.0	17

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19	Association of MMP7 γ 181A \rightarrow G Promoter Polymorphism with Gastric Cancer Risk. <i>Journal of Biological Chemistry</i> , 2015, 290, 14391-14406.	1.6	34
20	Genotyping and meta-analysis of KIF6 Trp719Arg polymorphism in South Indian Coronary Artery Disease patients: A case-control study. <i>Meta Gene</i> , 2015, 5, 129-134.	0.3	8
21	Identification and Functional Characterization of Genetic Variants of the Catecholamine Release-Inhibitory Peptide Catestatin in an Indian Population. , 2014, , 198-199.		0
22	PCR-based segregation of one hybrid variety of <i>Labeo rohita</i> and <i>Catla catla</i> from their wild-types. <i>Aquaculture International</i> , 2014, 22, 775-782.	1.1	4
23	Coordinated Transcriptional Regulation of Hspa1a Gene by Multiple Transcription Factors: Crucial Roles for HSF-1, NF-Y, NF- κ B, and CREB. <i>Journal of Molecular Biology</i> , 2014, 426, 116-135.	2.0	45
24	Transcriptional Regulation of the Novel Monoamine Oxidase Renalase: Crucial Roles of Transcription Factors Sp1, STAT3, and ZBP89. <i>Biochemistry</i> , 2014, 53, 6878-6892.	1.2	30
25	Naturally Occurring Variants of the Dysglycemic Peptide Pancreastatin. <i>Journal of Biological Chemistry</i> , 2014, 289, 4455-4469.	1.6	19
26	MicroRNA-22 and promoter motif polymorphisms at the Chga locus in genetic hypertension: functional and therapeutic implications for gene expression and the pathogenesis of hypertension. <i>Human Molecular Genetics</i> , 2013, 22, 3624-3640.	1.4	46
27	Molecular interactions of the physiological anti-hypertensive peptide catestatin with the neuronal nicotinic acetylcholine receptor. <i>Journal of Cell Science</i> , 2012, 125, 2787-2787.	1.2	11
28	Functional Genetic Variants of the Catecholamine-Release-Inhibitory Peptide Catestatin in an Indian Population. <i>Journal of Biological Chemistry</i> , 2012, 287, 43840-43852.	1.6	23
29	Molecular mechanism of interactions of the physiological anti-hypertensive peptide catestatin with the neuronal nicotinic acetylcholine receptor. <i>Journal of Cell Science</i> , 2012, 125, 2323-37.	1.2	29
30	Integrated Computational and Experimental Analysis of the Neuroendocrine Transcriptome in Genetic Hypertension Identifies Novel Control Points for the Cardiometabolic Syndrome. <i>Circulation: Cardiovascular Genetics</i> , 2012, 5, 430-440.	5.1	6
31	Catecholamine biosynthesis and secretion: physiological and pharmacological effects of secretin. <i>Cell and Tissue Research</i> , 2011, 345, 87-102.	1.5	4
32	Functional Promoter Polymorphisms Govern Differential Expression of HMG-CoA Reductase Gene in Mouse Models of Essential Hypertension. <i>PLoS ONE</i> , 2011, 6, e16661.	1.1	16
33	Chromogranin A: a novel susceptibility gene for essential hypertension. <i>Cellular and Molecular Life Sciences</i> , 2010, 67, 861-874.	2.4	31
34	Genetic regulation of catecholamine synthesis, storage and secretion in the spontaneously hypertensive rat. <i>Human Molecular Genetics</i> , 2010, 19, 2567-2580.	1.4	25
35	Global metabolic consequences of the chromogranin A-null model of hypertension: transcriptomic detection, pathway identification, and experimental verification. <i>Physiological Genomics</i> , 2010, 40, 195-207.	1.0	16
36	Enhancement in the efficiency of polymerase chain reaction by TiO ₂ nanoparticles: crucial role of enhanced thermal conductivity. <i>Nanotechnology</i> , 2010, 21, 255704.	1.3	59

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37	Molecular basis of altered expression of the HMG-CoA reductase gene in genetically hypertensive mice. <i>International Journal of Cardiology</i> , 2009, 137, S107.	0.8	0
38	Catestatin is a novel endogenous peptide that regulates cardiac function and blood pressure. <i>Cardiovascular Research</i> , 2008, 80, 330-338.	1.8	66
39	Common genetic variants in the chromogranin A promoter alter autonomic activity and blood pressure. <i>Kidney International</i> , 2008, 74, 115-125.	2.6	27
40	Organic Anion Transporter 3 Contributes to the Regulation of Blood Pressure. <i>Journal of the American Society of Nephrology: JASN</i> , 2008, 19, 1732-1740.	3.0	72
41	The trans-Golgi Proteins SCLIP and SCG10 Interact with Chromogranin A To Regulate Neuroendocrine Secretion. <i>Biochemistry</i> , 2008, 47, 7167-7178.	1.2	21
42	Pleiotropic effects of novel trans-acting loci influencing human sympathochromaffin secretion. <i>Physiological Genomics</i> , 2006, 25, 470-479.	1.0	18
43	The chromogranin A fragment catestatin: specificity, potency and mechanism to inhibit exocytotic secretion of multiple catecholamine storage vesicle co-transmitters. <i>Journal of Hypertension</i> , 2006, 24, 895-904.	0.3	35
44	Catecholamine storage vesicles and the metabolic syndrome: the role of the chromogranin A fragment pancreastatin. <i>Diabetes, Obesity and Metabolism</i> , 2006, 8, 621-633.	2.2	31
45	Molecular basis of neuroendocrine cell type-specific expression of the chromograninâ€¦ gene: crucial role of the transcription factors CREB, AP-2, Egr-1 and Sp1. <i>Journal of Neurochemistry</i> , 2006, 99, 119-133.	2.1	27
46	Catestatin, the catecholamine release-inhibitory peptide fragment of chromogranin A: Naturally occurring human variants displaying different potencies for multiple nicotinic cholinergic responses in chromaffin cells. <i>Clinical Pharmacology and Therapeutics</i> , 2005, 77, P6-P6.	2.3	0
47	Integration of Metal-Resistant Determinants from the Plasmid of an Acidocella Strain into the Chromosome of Escherichia coli DH5?*. <i>Current Microbiology</i> , 2005, 50, 28-32.	1.0	8
48	Common Genetic Mechanisms of Blood Pressure Elevation in Two Independent Rodent Models of Human Essential Hypertension. <i>American Journal of Hypertension</i> , 2005, 18, 633-652.	1.0	65
49	Hypertension from targeted ablation of chromogranin A can be rescued by the human ortholog. <i>Journal of Clinical Investigation</i> , 2005, 115, 1942-1952.	3.9	277
50	The Catecholamine Release-Inhibitory â€œCatestatinâ€¦ Fragment of Chromogranin A: Naturally Occurring Human Variants with Different Potencies for Multiple Chromaffin Cell Nicotinic Cholinergic Responses. <i>Molecular Pharmacology</i> , 2004, 66, 1180-1191.	1.0	86
51	A Dynamic Pool of Calcium in Catecholamine Storage Vesicles. <i>Journal of Biological Chemistry</i> , 2004, 279, 51107-51121.	1.6	51
52	Neuroendocrine Transcriptome in Genetic Hypertension. <i>Hypertension</i> , 2004, 43, 1301-1311.	1.3	37
53	Conformational preferences and activities of peptides from the catecholamine release-inhibitory (catestatin) region of chromogranin A. <i>Regulatory Peptides</i> , 2004, 118, 75-87.	1.9	27
54	Both Rare and Common Polymorphisms Contribute Functional Variation at CHGA, a Regulator of Catecholamine Physiology. <i>American Journal of Human Genetics</i> , 2004, 74, 197-207.	2.6	104

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55	Generation of Novel Plasmids in Escherichia coli S17-1(pSUP106). <i>Current Microbiology</i> , 2003, 46, 318-323.	1.0	4
56	Secretin Activation of Chromogranin A Gene Transcription. <i>Journal of Biological Chemistry</i> , 2003, 278, 19986-19994.	1.6	26
57	Catecholamine Secretory Vesicle Stimulus-Transcription Coupling in Vivo. <i>Journal of Biological Chemistry</i> , 2003, 278, 32058-32067.	1.6	73
58	The angiotensin II receptor (Agtr1a): functional regulatory polymorphisms in a locus genetically linked to blood pressure variation in the mouse. <i>Physiological Genomics</i> , 2003, 14, 83-93.	1.0	16
59	Identification of a novel sorting determinant for the regulated pathway in the secretory protein chromogranin A. <i>Journal of Cell Science</i> , 2002, 115, 4827-4841.	1.2	72
60	Chromaffin Cell Catecholamine Secretion: Bisindolylmaleimide Compounds Exhibit Novel and Potent Antagonist Effects at the Nicotinic Cholinergic Receptor in Pheochromocytoma Cells. <i>Molecular Pharmacology</i> , 2002, 61, 1340-1347.	1.0	7
61	Resistance to Cadmium and Zinc in <i>Acidiphilium symbioticum</i> KM2 Is Plasmid Mediated. <i>Current Microbiology</i> , 2002, 45, 180-186.	1.0	16
62	Neuroendocrine Cell Type-Specific and Inducible Expression of Chromogranin/Secretogranin Genes. <i>Annals of the New York Academy of Sciences</i> , 2002, 971, 27-38.	1.8	12
63	Intracellular Protein Trafficking into Catecholamine Storage Vesicles. <i>Annals of the New York Academy of Sciences</i> , 2002, 971, 262-265.	1.8	7
64	Plasmid curing from an acidophilic bacterium of the genus <i>Acidocella</i> . <i>FEMS Microbiology Letters</i> , 2000, 183, 271-274.	0.7	19
65	Neuroendocrine Cell Type-Specific and Inducible Expression of the Chromogranin B Gene: Crucial Role of the Proximal Promoter*. <i>Endocrinology</i> , 2000, 141, 3668-3678.	1.4	22
66	Neuroendocrine Cell Type-Specific and Inducible Expression of the Chromogranin B Gene: Crucial Role of the Proximal Promoter. <i>Endocrinology</i> , 2000, 141, 3668-3678.	1.4	8
67	Cloning of metal-resistance conferring genes from an <i>Acidocella</i> strain. <i>Process Metallurgy</i> , 1999, , 21-28.	0.1	2
68	Extreme tolerance to cadmium and high resistance to copper, nickel and zinc in different <i>Acidiphilium</i> strains. <i>Letters in Applied Microbiology</i> , 1996, 23, 393-397.	1.0	43