

Manjunath B Joshi

List of Publications by Year in descending order

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Version: 2024-02-01

67
papers

2,187
citations

331538

21
h-index

233338

45
g-index

68
all docs

68
docs citations

68
times ranked

3180
citing authors

#	ARTICLE	IF	CITATIONS
1	Activated endothelial cells induce neutrophil extracellular traps and are susceptible to NETosis-mediated cell death. <i>FEBS Letters</i> , 2010, 584, 3193-3197.	1.3	425
2	High glucose modulates IL-6 mediated immune homeostasis through impeding neutrophil extracellular trap formation. <i>FEBS Letters</i> , 2013, 587, 2241-2246.	1.3	152
3	Phylogeography and Origin of Indian Domestic Goats. <i>Molecular Biology and Evolution</i> , 2003, 21, 454-462.	3.5	145
4	Identification of Proteins Associating with Glycosylphosphatidylinositol- Anchored T-Cadherin on the Surface of Vascular Endothelial Cells: Role for Grp78/BiP in T-Cadherin-Dependent Cell Survival. <i>Molecular and Cellular Biology</i> , 2008, 28, 4004-4017.	1.1	118
5	CAG repeat expansion in the androgen receptor gene is not associated with male infertility in Indian populations. <i>Journal of Andrology</i> , 2002, 23, 815-8.	2.0	98
6	A guide and guard: The many faces of T-cadherin. <i>Cellular Signalling</i> , 2009, 21, 1035-1044.	1.7	94
7	T-cadherin protects endothelial cells from oxidative stress-induced apoptosis. <i>FASEB Journal</i> , 2005, 19, 1737-1739.	0.2	83
8	Sperm Mitochondrial Mutations as a Cause of Low Sperm Motility. <i>Journal of Andrology</i> , 2003, 24, 388-392.	2.0	79
9	Use of multicellular tumor spheroids to dissect endothelial cell-tumor cell interactions: A role for T-cadherin in tumor angiogenesis. <i>FEBS Letters</i> , 2007, 581, 4523-4528.	1.3	64
10	Elevated homocysteine levels in type 2 diabetes induce constitutive neutrophil extracellular traps. <i>Scientific Reports</i> , 2016, 6, 36362.	1.6	64
11	Microsatellite-based phylogeny of Indian domestic goats. <i>BMC Genetics</i> , 2008, 9, 11.	2.7	58
12	Integrin-linked kinase is an essential mediator for T-cadherin-dependent signaling via Akt and GSK3 β in endothelial cells. <i>FASEB Journal</i> , 2007, 21, 3083-3095.	0.2	56
13	T-cadherin attenuates insulin-dependent signalling, eNOS activation, and angiogenesis in vascular endothelial cells. <i>Cardiovascular Research</i> , 2012, 93, 498-507.	1.8	45
14	T-cadherin is present on endothelial microparticles and is elevated in plasma in early atherosclerosis. <i>European Heart Journal</i> , 2011, 32, 760-771.	1.0	42
15	Interleukin-6 determines protein stabilization of DNA methyltransferases and alters DNA promoter methylation of genes associated with insulin signaling and angiogenesis. <i>Laboratory Investigation</i> , 2018, 98, 1143-1158.	1.7	41
16	3D tumor angiogenesis models: recent advances and challenges. <i>Journal of Cancer Research and Clinical Oncology</i> , 2021, 147, 3477-3494.	1.2	32
17	T-cadherin attenuates the PERK branch of the unfolded protein response and protects vascular endothelial cells from endoplasmic reticulum stress-induced apoptosis. <i>Cellular Signalling</i> , 2010, 22, 1308-1316.	1.7	31
18	Ecogenetics of lead toxicity and its influence on risk assessment. <i>Human and Experimental Toxicology</i> , 2019, 38, 1031-1059.	1.1	30

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19	Glucose induces metabolic reprogramming in neutrophils during type 2 diabetes to form constitutive extracellular traps and decreased responsiveness to lipopolysaccharides. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2020, 1866, 165940.	1.8	27
20	BRN2 is a transcriptional repressor of CDH13 (T-cadherin) in melanoma cells. <i>Laboratory Investigation</i> , 2012, 92, 1788-1800.	1.7	25
21	<i>Pseudomonas aeruginosa</i> virulence proteins pseudolysin and protease IV impede cutaneous wound healing. <i>Laboratory Investigation</i> , 2020, 100, 1532-1550.	1.7	25
22	Novel mitochondrial mutation in the ND4 gene associated with Leigh syndrome. <i>Acta Neurologica Scandinavica</i> , 2006, 114, 350-353.	1.0	24
23	T-Cadherin Is an Auxiliary Negative Regulator of EGFR Pathway Activity in Cutaneous Squamous Cell Carcinoma: Impact on Cell Motility. <i>Journal of Investigative Dermatology</i> , 2012, 132, 2275-2285.	0.3	21
24	Nanocomposite clay-polymer microbeads for oral controlled drug delivery: Development and, in vitro and in vivo evaluations. <i>Journal of Drug Delivery Science and Technology</i> , 2019, 51, 234-243.	1.4	21
25	Lead exposure induces metabolic reprogramming in rat models. <i>Toxicology Letters</i> , 2020, 335, 11-27.	0.4	21
26	Interleukin-6-mediated epigenetic control of the VEGFR2 gene induces disorganized angiogenesis in human breast tumors. <i>Journal of Biological Chemistry</i> , 2020, 295, 12086-12098.	1.6	21
27	Serine proteinases from Bothrops snake venom activates PI3K/Akt mediated angiogenesis. <i>Toxicon</i> , 2016, 124, 63-72.	0.8	20
28	Age dependent neuroprotective effects of medhya rasayana prepared from <i>Clitoria ternatea</i> Linn. in stress induced rat brain. <i>Journal of Ethnopharmacology</i> , 2017, 197, 173-183.	2.0	19
29	Modifying effects of Î-Aminolevulinatase polymorphism on blood lead levels and ALAD activity. <i>Toxicology Letters</i> , 2018, 295, 351-356.	0.4	19
30	Comprehensive analysis of regulation of DNA methyltransferase isoforms in human breast tumors. <i>Journal of Cancer Research and Clinical Oncology</i> , 2021, 147, 937-971.	1.2	19
31	Regulation of contractile signaling and matrix remodeling by T-cadherin in vascular smooth muscle cells: Constitutive and insulin-dependent effects. <i>Cellular Signalling</i> , 2014, 26, 1897-1908.	1.7	17
32	Untargeted metabolomics and DNA barcoding for discrimination of <i>Phyllanthus</i> species. <i>Journal of Ethnopharmacology</i> , 2021, 273, 113928.	2.0	17
33	A requirement for thioredoxin in redox-sensitive modulation of T-cadherin expression in endothelial cells. <i>Biochemical Journal</i> , 2008, 416, 271-280.	1.7	15
34	Intricate Regulation of Phosphoenolpyruvate Carboxykinase (PEPCK) Isoforms in Normal Physiology and Disease. <i>Current Molecular Medicine</i> , 2019, 19, 247-272.	0.6	14
35	Stimulation of cytoprotective autophagy and components of mitochondrial biogenesis / proteostasis in response to ionizing radiation as a credible pro-survival strategy. <i>Free Radical Biology and Medicine</i> , 2020, 152, 715-727.	1.3	13
36	Exploring photoacoustic spectroscopy-based machine learning together with metabolomics to assess breast tumor progression in a xenograft model ex vivo. <i>Laboratory Investigation</i> , 2021, 101, 952-965.	1.7	13

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37	PHLPP1 promotes neutral lipid accumulation through AMPK/ChREBP-dependent lipid uptake and fatty acid synthesis pathways. <i>IScience</i> , 2022, 25, 103766.	1.9	13
38	Effect of Amalaki rasayana on DNA damage and repair in randomized aged human individuals. <i>Journal of Ethnopharmacology</i> , 2016, 191, 387-397.	2.0	12
39	Mechanistic insights into glucose induced vascular epigenetic reprogramming in type 2 diabetes. <i>Life Sciences</i> , 2022, 298, 120490.	2.0	12
40	Context Dependent Regulation of Human Phosphoenolpyruvate Carboxykinase Isoforms by DNA Promoter Methylation and RNA Stability. <i>Journal of Cellular Biochemistry</i> , 2016, 117, 2506-2520.	1.2	11
41	Heâ€“Ne laser accelerates seed germination by modulating growth hormones and reprogramming metabolism in brinjal. <i>Scientific Reports</i> , 2021, 11, 7948.	1.6	11
42	Ethnic disparities attributed to the manifestation in and response to type 2 diabetes: insights from metabolomics. <i>Metabolomics</i> , 2022, 18, .	1.4	11
43	Extracellular Cadherin repeat domains EC1 and EC5 of Tâ€“cadherin are essential for its ability to stimulate angiogenic behavior of endothelial cells. <i>FASEB Journal</i> , 2009, 23, 4011-4021.	0.2	10
44	Evidence for perturbed metabolic patterns in bipolar disorder subjects associated with lithium responsiveness. <i>Psychiatry Research</i> , 2019, 273, 252-259.	1.7	10
45	Interrogation of an autofluorescenceâ€“based method for protein fingerprinting. <i>Journal of Biophotonics</i> , 2018, 11, e201700393.	1.1	9
46	Genetic heterogeneity in the Indian stocks of seahorse (<i>Hippocampus</i> â€“kuda and) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 382 Td (<i>Hippocampus</i>	1.0	8
47	<i>Dendrobium</i> protoplast co-culture promotes phytochemical assemblage in vitro. <i>Protoplasma</i> , 2017, 254, 1517-1528.	1.0	8
48	Extrinsic and intrinsic factors influencing metabolic memory in type 2 diabetes. <i>Vascular Pharmacology</i> , 2022, 142, 106933.	1.0	8
49	Deletion in the <i>A4GALT</i> Gene Associated with Rare â€“P nullâ€“ Phenotype: The First Report from India. <i>Transfusion Medicine and Hemotherapy</i> , 2020, 47, 186-189.	0.7	7
50	Modulation of neutrophil (dys)function by Ayurvedic herbs and its potential influence on SARS-CoV-2 infection. <i>Journal of Ayurveda and Integrative Medicine</i> , 2022, 13, 100424.	0.9	7
51	Metabolomics Applicable to Retinal Vascular Diseases. <i>Methods in Molecular Biology</i> , 2019, 1996, 325-331.	0.4	6
52	P-I metalloproteinases and L-amino acid oxidases from <i>Bothrops</i> species inhibit angiogenesis. <i>Journal of Venomous Animals and Toxins Including Tropical Diseases</i> , 2021, 27, e20200180.	0.8	6
53	Blue Light-Induced Retinal Neuronal Injury and Amelioration by Commercially Available Blue Light-Blocking Lenses. <i>Life</i> , 2022, 12, 243.	1.1	5
54	Quantitative phosphoproteomics reveals diverse stimuli activate distinct signaling pathways during neutrophil activation. <i>Cell and Tissue Research</i> , 2022, 389, 241-257.	1.5	5

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55	Differential Gene Expression and Withanolides Biosynthesis During in vitro and ex vitro Growth of <i>Withania somnifera</i> (L.) Dunal. <i>Frontiers in Plant Science</i> , 0, 13, .	1.7	5
56	PHLPPs: Emerging players in metabolic disorders. <i>Drug Discovery Today</i> , 2022, 27, 103317.	3.2	4
57	Human breast tumor derived endothelial cells exhibit distinct biological properties. <i>Biology of the Cell</i> , 2022, 114, 73-85.	0.7	3
58	Blue LED light exposure induces metabolic rewiring in vitreous tissues in rat models. <i>Journal of King Saud University - Science</i> , 2022, 34, 101986.	1.6	3
59	Role of IL-6/JAK/STAT pathway in inducing vascular insulin resistance. <i>Molecular Cytogenetics</i> , 2014, 7, P96.	0.4	1
60	Influence of <i>VDR</i> and <i>HFE</i> polymorphisms on blood lead levels of occupationally exposed workers. <i>Human and Experimental Toxicology</i> , 2021, 40, 897-914.	1.1	1
61	Inflammation induced insulin resistance is associated with DNA methylation changes in vascular endothelial cells. <i>Canadian Journal of Biotechnology</i> , 2017, 1, 104-104.	0.3	1
62	Proteomic Analysis of Circulating Immune Complexes from Tuberculosis Patients. <i>Journal of Pure and Applied Microbiology</i> , 2019, 13, 1235-1244.	0.3	1
63	Constitutive hyperactivation of phospho-GSK3 β in T-cadherin overexpressing endothelial cells: a role in cell survival/proliferation/ angiogenesis?. <i>Vascular Pharmacology</i> , 2006, 45, e134-e135.	1.0	0
64	Mitochondrial Biogenesis, Autophagy and Mitochondrial UPR Co-operate in Modulating Ionizing Radiation Induced Cellular Damage. <i>Free Radical Biology and Medicine</i> , 2017, 108, S91.	1.3	0
65	Primary Cardiac Involvement in the Rare Transthyretin Ile73Val Mutation. <i>Circulation Genomic and Precision Medicine</i> , 2020, 13, e002792.	1.6	0
66	Constitutive and inducible regulation of PEPCK isoform genes in human cells. <i>Endocrine Abstracts</i> , 0, , .	0.0	0
67	Characterization of purified urinary human Follicle stimulating hormone. <i>Research Journal of Pharmacy and Technology</i> , 2020, 13, 4315.	0.2	0