

Santosh Kumar

List of Publications by Citations

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

45
papers

1,035
citations

17
h-index

31
g-index

48
ext. papers

1,271
ext. citations

6.1
avg, IF

4.47
L-index

#	Paper	IF	Citations
45	Oxidative stress and cardiac hypertrophy: a review. <i>Toxicology Mechanisms and Methods</i> , 2012 , 22, 359-66.	6.6	141
44	Histone and DNA methylation-mediated epigenetic downregulation of endothelial Kruppel-like factor 2 by low-density lipoprotein cholesterol. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2013 , 33, 1936-42	9.4	83
43	Homocysteine promotes human endothelial cell dysfunction via site-specific epigenetic regulation of p66shc. <i>Cardiovascular Research</i> , 2011 , 92, 466-75	9.9	76
42	Vascular microRNA-204 is remotely governed by the microbiome and impairs endothelium-dependent vasorelaxation by downregulating Sirtuin1. <i>Nature Communications</i> , 2016 , 7, 12565	17.4	71
41	Sirtuin1-regulated lysine acetylation of p66Shc governs diabetes-induced vascular oxidative stress and endothelial dysfunction. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017 , 114, 1714-1719	11.5	69
40	Metabolic Adaptations in Cancer Stem Cells. <i>Frontiers in Oncology</i> , 2020 , 10, 1010	5.3	55
39	P66Shc-Induced MicroRNA-34a Causes Diabetic Endothelial Dysfunction by Downregulating Sirtuin1. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2016 , 36, 2394-2403	9.4	51
38	Canonical Wnt signaling induces vascular endothelial dysfunction via p66Shc-regulated reactive oxygen species. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2014 , 34, 2301-9	9.4	48
37	Sirtuin 1 regulates cardiac electrical activity by deacetylating the cardiac sodium channel. <i>Nature Medicine</i> , 2017 , 23, 361-367	50.5	44
36	Epigenetic upregulation of p66shc mediates low-density lipoprotein cholesterol-induced endothelial cell dysfunction. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2012 , 303, H189-96	5.2	34
35	MicroRNA-204 promotes vascular endoplasmic reticulum stress and endothelial dysfunction by targeting Sirtuin1. <i>Scientific Reports</i> , 2017 , 7, 9308	4.9	30
34	A single-nucleotide variation in a p53-binding site affects nutrient-sensitive human SIRT1 expression. <i>Human Molecular Genetics</i> , 2010 , 19, 4123-33	5.6	30
33	Catecholamine-induced myocardial fibrosis and oxidative stress is attenuated by Terminalia arjuna (Roxb.). <i>Journal of Pharmacy and Pharmacology</i> , 2010 , 61, 1529-1536	4.8	30
32	Redox factor-1 activates endothelial SIRTUIN1 through reduction of conserved cysteine sulfhydryls in its deacetylase domain. <i>PLoS ONE</i> , 2013 , 8, e65415	3.7	27
31	Catecholamine-induced myocardial fibrosis and oxidative stress is attenuated by Terminalia arjuna (Roxb.). <i>Journal of Pharmacy and Pharmacology</i> , 2009 , 61, 1529-36	4.8	22
30	Up regulation of A2B adenosine receptor on monocytes are crucially required for immune pathogenicity in Indian patients exposed to Leishmania donovani. <i>Cytokine</i> , 2016 , 79, 38-44	4	21
29	Endothelial CaMKII as a regulator of eNOS activity and NO-mediated vasoreactivity. <i>PLoS ONE</i> , 2017 , 12, e0186311	3.7	20

28	Sirtuin1 protects endothelial Caveolin-1 expression and preserves endothelial function via suppressing miR-204 and endoplasmic reticulum stress. <i>Scientific Reports</i> , 2017 , 7, 42265	4.9	16
27	P66Shc and vascular endothelial function. <i>Bioscience Reports</i> , 2019 , 39,	4.1	16
26	MicroRNAs and obesity-induced endothelial dysfunction: key paradigms in molecular therapy. <i>Cardiovascular Diabetology</i> , 2020 , 19, 136	8.7	16
25	Effect of U50,488H, a μ opioid receptor agonist on myocardial β -myosin heavy chain expression and oxidative stress associated with isoproterenol-induced cardiac hypertrophy in rat. <i>Molecular and Cellular Biochemistry</i> , 2010 , 345, 231-40	4.2	15
24	P66Shc mediates increased platelet activation and aggregation in hypercholesterolemia. <i>Biochemical and Biophysical Research Communications</i> , 2014 , 449, 496-501	3.4	14
23	Chronic beta-adrenergic activation-induced left ventricular systolic dysfunction is associated with systemic release of TNF-alpha and IL-1-beta in rats. <i>Pharmacological Reports</i> , 2009 , 61, 870-6	3.9	13
22	Effect of boiling on the antidiabetic property of enzyme treated sheep milk casein. <i>Veterinary World</i> , 2016 , 9, 1152-1156	1.7	13
21	Peripheral benzodiazepine receptor ligand Ro5-4864 inhibits isoprenaline-induced cardiac hypertrophy in rats. <i>European Journal of Pharmacology</i> , 2010 , 644, 146-53	5.3	11
20	CAR T cell therapy: newer approaches to counter resistance and cost. <i>Heliyon</i> , 2020 , 6, e03779	3.6	9
19	Microbiota-governed microRNA-204 impairs endothelial function and blood pressure decline during inactivity in db/db mice. <i>Scientific Reports</i> , 2020 , 10, 10065	4.9	9
18	Transcriptomic Validation of the Protective Effects of Aqueous Bark Extract of (Roxb.) on Isoproterenol-Induced Cardiac Hypertrophy in Rats. <i>Frontiers in Pharmacology</i> , 2019 , 10, 1443	5.6	9
17	SUMO2 regulates vascular endothelial function and oxidative stress in mice. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2019 , 317, H1292-H1300	5.2	8
16	Abnormal CD161 immune cells and retinoic acid receptor-related orphan receptor β -mediate enhanced IL-17F expression in the setting of genetic hypertension. <i>Journal of Allergy and Clinical Immunology</i> , 2017 , 140, 809-821.e3	11.5	7
15	Proteomic analysis of the protective effects of aqueous bark extract of Terminalia arjuna (Roxb.) on isoproterenol-induced cardiac hypertrophy in rats. <i>Journal of Ethnopharmacology</i> , 2017 , 198, 98-108	5	6
14	SARS-CoV-2: Insights into its structural intricacies and functional aspects for drug and vaccine development. <i>International Journal of Biological Macromolecules</i> , 2021 , 179, 45-60	7.9	5
13	Risk factors for prolonged fatigue after recovery from COVID-19. <i>Journal of Medical Virology</i> , 2021 , 93, 1926-1928	19.7	4
12	Psychosocial implication of quarantine and lockdown during COVID-19 pandemic in India. <i>Journal of Education and Health Promotion</i> , 2020 , 9, 363	1.4	3
11	Design, synthesis and anticancer activity of 2-arylimidazo[1,2-a]pyridinyl-3-amines. <i>Bioorganic Chemistry</i> , 2022 , 118, 105464	5.1	3

10	Immune checkpoint inhibitors in advanced non-small cell lung cancer: A metacentric experience from India. <i>Current Problems in Cancer</i> , 2020 , 44, 100549	2.3	2
9	Glucose tolerance & insulin secretion & sensitivity characteristics in Indian children with cystic fibrosis: A pilot study. <i>Indian Journal of Medical Research</i> , 2017 , 146, 483-488	2.9	1
8	Carbon Based Nanodots in Early Diagnosis of Cancer. <i>Frontiers in Chemistry</i> , 2021 , 9, 669169	5	1
7	A study of multidrug resistant tuberculosis among symptomatic household contacts of MDR-TB patients. <i>Indian Journal of Tuberculosis</i> , 2021 , 68, 25-31	1.6	1
6	Method for Enhanced Separation of Cardiac Myosin Heavy Chain Isoforms by Nongradient SDS-PAGE. <i>Analytical Letters</i> , 2009 , 42, 2403-2410	2.2	0
5	Sirtuin1 in vascular endothelial function, an overview. <i>Epigenetics</i> , 2021 , 1-17	5.7	0
4	The Association of Problematic Online Gaming Behavior With Mental Well-Being and Depressive Symptoms Among Students of Professional Colleges in Rishikesh.. <i>Cureus</i> , 2022 , 14, e22007	1.2	
3	Social media smartphone app and psychopathology - A case report. <i>Journal of Family Medicine and Primary Care</i> , 2019 , 8, 2738-2740	1.5	
2	Architectural and functional details of CF IA proteins involved in yeast 3Uend pre-mRNA processing and its significance for eukaryotes: A concise review. <i>International Journal of Biological Macromolecules</i> , 2021 , 193, 387-400	7.9	
1	A Community-Based Study on Waist-to-Height Ratio: An Indicator for Systolic Hypertension in a Rural Community of Hilly Region. <i>Cureus</i> , 2021 , 13, e16014	1.2	