

# Santosh Kumar

## List of Publications by Year in Descending Order

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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	The Association of Problematic Online Gaming Behavior With Mental Well-Being and Depressive Symptoms Among Students of Professional Colleges in Rishikesh.. <i>Cureus</i> , <b>2022</b> , 14, e22007	1.2	
44	Design, synthesis and anticancer activity of 2-arylimidazo[1,2-a]pyridinyl-3-amines. <i>Bioorganic Chemistry</i> , <b>2022</b> , 118, 105464	5.1	3
43	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> , <b>2021</b> , 193, 387-400	7.9	
42	Carbon Based Nanodots in Early Diagnosis of Cancer. <i>Frontiers in Chemistry</i> , <b>2021</b> , 9, 669169	5	1
41	SARS-CoV-2: Insights into its structural intricacies and functional aspects for drug and vaccine development. <i>International Journal of Biological Macromolecules</i> , <b>2021</b> , 179, 45-60	7.9	5
40	A Community-Based Study on Waist-to-Height Ratio: An Indicator for Systolic Hypertension in a Rural Community of Hilly Region. <i>Cureus</i> , <b>2021</b> , 13, e16014	1.2	
39	Risk factors for prolonged fatigue after recovery from COVID-19. <i>Journal of Medical Virology</i> , <b>2021</b> , 93, 1926-1928	19.7	4
38	A study of multidrug resistant tuberculosis among symptomatic household contacts of MDR-TB patients. <i>Indian Journal of Tuberculosis</i> , <b>2021</b> , 68, 25-31	1.6	1
37	Sirtuin1 in vascular endothelial function, an overview. <i>Epigenetics</i> , <b>2021</b> , 1-17	5.7	0
36	CAR T cell therapy: newer approaches to counter resistance and cost. <i>Heliyon</i> , <b>2020</b> , 6, e03779	3.6	9
35	Microbiota-governed microRNA-204 impairs endothelial function and blood pressure decline during inactivity in db/db mice. <i>Scientific Reports</i> , <b>2020</b> , 10, 10065	4.9	9
34	Metabolic Adaptations in Cancer Stem Cells. <i>Frontiers in Oncology</i> , <b>2020</b> , 10, 1010	5.3	55
33	Immune checkpoint inhibitors in advanced non-small cell lung cancer: A metacentric experience from India. <i>Current Problems in Cancer</i> , <b>2020</b> , 44, 100549	2.3	2
32	Psychosocial implication of quarantine and lockdown during COVID-19 pandemic in India. <i>Journal of Education and Health Promotion</i> , <b>2020</b> , 9, 363	1.4	3
31	MicroRNAs and obesity-induced endothelial dysfunction: key paradigms in molecular therapy. <i>Cardiovascular Diabetology</i> , <b>2020</b> , 19, 136	8.7	16
30	SUMO2 regulates vascular endothelial function and oxidative stress in mice. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , <b>2019</b> , 317, H1292-H1300	5.2	8
29	P66Shc and vascular endothelial function. <i>Bioscience Reports</i> , <b>2019</b> , 39,	4.1	16

28	Social media smartphone app and psychopathology - A case report. <i>Journal of Family Medicine and Primary Care</i> , <b>2019</b> , 8, 2738-2740	1.5	
27	Transcriptomic Validation of the Protective Effects of Aqueous Bark Extract of (Roxb.) on Isoproterenol-Induced Cardiac Hypertrophy in Rats. <i>Frontiers in Pharmacology</i> , <b>2019</b> , 10, 1443	5.6	9
26	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> , <b>2017</b> , 114, 1714-1719	11.5	69
25	Abnormal CD161 immune cells and retinoic acid receptor-related orphan receptor $\beta$ -mediate enhanced IL-17F expression in the setting of genetic hypertension. <i>Journal of Allergy and Clinical Immunology</i> , <b>2017</b> , 140, 809-821.e3	11.5	7
24	Sirtuin1 protects endothelial Caveolin-1 expression and preserves endothelial function via suppressing miR-204 and endoplasmic reticulum stress. <i>Scientific Reports</i> , <b>2017</b> , 7, 42265	4.9	16
23	Sirtuin 1 regulates cardiac electrical activity by deacetylating the cardiac sodium channel. <i>Nature Medicine</i> , <b>2017</b> , 23, 361-367	50.5	44
22	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> , <b>2017</b> , 198, 98-108	5	6
21	Endothelial CaMKII as a regulator of eNOS activity and NO-mediated vasoreactivity. <i>PLoS ONE</i> , <b>2017</b> , 12, e0186311	3.7	20
20	MicroRNA-204 promotes vascular endoplasmic reticulum stress and endothelial dysfunction by targeting Sirtuin1. <i>Scientific Reports</i> , <b>2017</b> , 7, 9308	4.9	30
19	Glucose tolerance & insulin secretion & sensitivity characteristics in Indian children with cystic fibrosis: A pilot study. <i>Indian Journal of Medical Research</i> , <b>2017</b> , 146, 483-488	2.9	1
18	Vascular microRNA-204 is remotely governed by the microbiome and impairs endothelium-dependent vasorelaxation by downregulating Sirtuin1. <i>Nature Communications</i> , <b>2016</b> , 7, 12565	17.4	71
17	P66Shc-Induced MicroRNA-34a Causes Diabetic Endothelial Dysfunction by Downregulating Sirtuin1. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2016</b> , 36, 2394-2403	9.4	51
16	Up regulation of A2B adenosine receptor on monocytes are crucially required for immune pathogenicity in Indian patients exposed to Leishmania donovani. <i>Cytokine</i> , <b>2016</b> , 79, 38-44	4	21
15	Effect of boiling on the antidiabetic property of enzyme treated sheep milk casein. <i>Veterinary World</i> , <b>2016</b> , 9, 1152-1156	1.7	13
14	P66Shc mediates increased platelet activation and aggregation in hypercholesterolemia. <i>Biochemical and Biophysical Research Communications</i> , <b>2014</b> , 449, 496-501	3.4	14
13	Canonical Wnt signaling induces vascular endothelial dysfunction via p66Shc-regulated reactive oxygen species. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2014</b> , 34, 2301-9	9.4	48
12	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> , <b>2013</b> , 33, 1936-42	9.4	83
11	Redox factor-1 activates endothelial SIRTUIN1 through reduction of conserved cysteine sulfhydryls in its deacetylase domain. <i>PLoS ONE</i> , <b>2013</b> , 8, e65415	3.7	27

10	Oxidative stress and cardiac hypertrophy: a review. <i>Toxicology Mechanisms and Methods</i> , <b>2012</b> , 22, 359-66	6.6	141
9	Epigenetic upregulation of p66shc mediates low-density lipoprotein cholesterol-induced endothelial cell dysfunction. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , <b>2012</b> , 303, H189-96	5.2	34
8	Homocysteine promotes human endothelial cell dysfunction via site-specific epigenetic regulation of p66shc. <i>Cardiovascular Research</i> , <b>2011</b> , 92, 466-75	9.9	76
7	A single-nucleotide variation in a p53-binding site affects nutrient-sensitive human SIRT1 expression. <i>Human Molecular Genetics</i> , <b>2010</b> , 19, 4123-33	5.6	30
6	Catecholamine-induced myocardial fibrosis and oxidative stress is attenuated by Terminalia arjuna (Roxb.). <i>Journal of Pharmacy and Pharmacology</i> , <b>2010</b> , 61, 1529-1536	4.8	30
5	Effect of U50,488H, a $\mu$ opioid receptor agonist on myocardial $\beta$ -myosin heavy chain expression and oxidative stress associated with isoproterenol-induced cardiac hypertrophy in rat. <i>Molecular and Cellular Biochemistry</i> , <b>2010</b> , 345, 231-40	4.2	15
4	Peripheral benzodiazepine receptor ligand Ro5-4864 inhibits isoprenaline-induced cardiac hypertrophy in rats. <i>European Journal of Pharmacology</i> , <b>2010</b> , 644, 146-53	5.3	11
3	Method for Enhanced Separation of Cardiac Myosin Heavy Chain Isoforms by Nongradient SDS-PAGE. <i>Analytical Letters</i> , <b>2009</b> , 42, 2403-2410	2.2	0
2	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> , <b>2009</b> , 61, 870-6	3.9	13
1	Catecholamine-induced myocardial fibrosis and oxidative stress is attenuated by Terminalia arjuna (Roxb.). <i>Journal of Pharmacy and Pharmacology</i> , <b>2009</b> , 61, 1529-36	4.8	22