

# Subbroto Kumar Saha

## 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.

41  
papers

1,735  
citations

18  
h-index

41  
g-index

49  
ext. papers

2,290  
ext. citations

5.5  
avg, IF

5.11  
L-index

#	Paper	IF	Citations
41	The Role of Reactive Oxygen Species (ROS) in the Biological Activities of Metallic Nanoparticles. <i>International Journal of Molecular Sciences</i> , <b>2017</b> , 18,	6.3	417
40	Molecular Mechanisms of the Anti-Obesity and Anti-Diabetic Properties of Flavonoids. <i>International Journal of Molecular Sciences</i> , <b>2016</b> , 17, 569	6.3	227
39	Correlation between Oxidative Stress, Nutrition, and Cancer Initiation. <i>International Journal of Molecular Sciences</i> , <b>2017</b> , 18,	6.3	178
38	Function of the SIRT3 mitochondrial deacetylase in cellular physiology, cancer, and neurodegenerative disease. <i>Aging Cell</i> , <b>2017</b> , 16, 4-16	9.9	143
37	The Anti-Cancer Effect of Polyphenols against Breast Cancer and Cancer Stem Cells: Molecular Mechanisms. <i>Nutrients</i> , <b>2016</b> , 8,	6.7	83
36	Review of remediation techniques for arsenic (As) contamination: a novel approach utilizing bio-organisms. <i>Journal of Environmental Management</i> , <b>2014</b> , 134, 175-85	7.9	73
35	Multifaceted applications of green carbon dots synthesized from renewable sources. <i>Advances in Colloid and Interface Science</i> , <b>2020</b> , 275, 102046	14.3	64
34	KRT19 directly interacts with E-catenin/RAC1 complex to regulate NUMB-dependent NOTCH signaling pathway and breast cancer properties. <i>Oncogene</i> , <b>2017</b> , 36, 332-349	9.2	59
33	Biologically synthesized silver nanoparticles induce neuronal differentiation of SH-SY5Y cells via modulation of reactive oxygen species, phosphatases, and kinase signaling pathways. <i>Biotechnology Journal</i> , <b>2014</b> , 9, 934-43	5.6	57
32	Multimomics Analysis Reveals that GLS and GLS2 Differentially Modulate the Clinical Outcomes of Cancer. <i>Journal of Clinical Medicine</i> , <b>2019</b> , 8,	5.1	37
31	Hydrodynamic shear stress promotes epithelial-mesenchymal transition by downregulating ERK and GSK3 $\beta$ activities. <i>Breast Cancer Research</i> , <b>2019</b> , 21, 6	8.3	36
30	The potential of nanoparticles in stem cell differentiation and further therapeutic applications. <i>Biotechnology Journal</i> , <b>2016</b> , 11, 1550-1560	5.6	32
29	G protein-coupled receptors in stem cell maintenance and somatic reprogramming to pluripotent or cancer stem cells. <i>BMB Reports</i> , <b>2015</b> , 48, 68-80	5.5	30
28	Valproic Acid Induces Endocytosis-Mediated Doxorubicin Internalization and Shows Synergistic Cytotoxic Effects in Hepatocellular Carcinoma Cells. <i>International Journal of Molecular Sciences</i> , <b>2017</b> , 18,	6.3	25
27	Programmable Molecular Scissors: Applications of a New Tool for Genome Editing in Biotech. <i>Molecular Therapy - Nucleic Acids</i> , <b>2019</b> , 14, 212-238	10.7	25
26	Molecular Insights Into Therapeutic Potential of Autophagy Modulation by Natural Products for Cancer Stem Cells. <i>Frontiers in Cell and Developmental Biology</i> , <b>2020</b> , 8, 283	5.7	24
25	Recent Advances in Disease Modeling and Drug Discovery for Diabetes Mellitus Using Induced Pluripotent Stem Cells. <i>International Journal of Molecular Sciences</i> , <b>2016</b> , 17, 256	6.3	22

24	PROM1 and PROM2 expression differentially modulates clinical prognosis of cancer: a multiomics analysis. <i>Cancer Gene Therapy</i> , <b>2020</b> , 27, 147-167	5.4	19
23	Opposing Regulation of Cancer Properties via KRT19-Mediated Differential Modulation of Wnt/ECatenin/Notch Signaling in Breast and Colon Cancers. <i>Cancers</i> , <b>2019</b> , 11,	6.6	15
22	Systematic Multiomics Analysis of Alterations in C1QBP mRNA Expression and Relevance for Clinical Outcomes in Cancers. <i>Journal of Clinical Medicine</i> , <b>2019</b> , 8,	5.1	15
21	Cytokeratin 19 has a Role in the Reprogramming of Cancer Stem Cell-Like Cells to Less Aggressive and More Drug-Sensitive Cells. <i>International Journal of Molecular Sciences</i> , <b>2018</b> , 19,	6.3	15
20	Systematic expression alteration analysis of master reprogramming factor OCT4 and its three pseudogenes in human cancer and their prognostic outcomes. <i>Scientific Reports</i> , <b>2018</b> , 8, 14806	4.9	14
19	High Expression of is Related to Poor Clinical Outcomes in Human Gastric Cancer. <i>Journal of Clinical Medicine</i> , <b>2019</b> , 8,	5.1	13
18	Biologically synthesized silver nanoparticles induce neuronal differentiation of SH-SY5Y cells via modulation of reactive oxygen species, phosphatases, and kinase signaling pathways. <i>Biotechnology Journal</i> , <b>2014</b> , 9, 934-943	5.6	13
17	Bax Inhibitor-1 Acts as an Anti-Influenza Factor by Inhibiting ROS Mediated Cell Death and Augmenting Heme-Oxygenase 1 Expression in Influenza Virus Infected Cells. <i>International Journal of Molecular Sciences</i> , <b>2018</b> , 19,	6.3	12
16	Arsenic Remediation in Bangladeshi Rice Varieties with Enhance Plant Growth by Unique Arsenic-Resistant Bacterial Isolates. <i>Geomicrobiology Journal</i> , <b>2020</b> , 37, 130-142	2.5	11
15	Clinicopathological and prognostic significance of GPC3 in human breast cancer and its 3D structure prediction. <i>Network Modeling Analysis in Health Informatics and Bioinformatics</i> , <b>2020</b> , 9, 1	1.6	8
14	GPR50 Promotes Hepatocellular Carcinoma Progression via the Notch Signaling Pathway through Direct Interaction with ADAM17. <i>Molecular Therapy - Oncolytics</i> , <b>2020</b> , 17, 332-349	6.4	8
13	Bioinformatics Approach for Identifying Novel Biomarkers and Their Signaling Pathways Involved in Interstitial Cystitis/Bladder Pain Syndrome with Hunner Lesion. <i>Journal of Clinical Medicine</i> , <b>2020</b> , 9,	5.1	7
12	Contrasting recovery patterns of 2, 4-dinitrophenylhydrazones (DNPH) derivative of carbonyls between liquid and gas phase standards using HPLC-based analysis. <i>Atmospheric Environment</i> , <b>2012</b> , 46, 562-565	5.3	7
11	Sestrin2 Expression Has Regulatory Properties and Prognostic Value in Lung Cancer. <i>Journal of Personalized Medicine</i> , <b>2020</b> , 10,	3.6	7
10	Wnt/ECatenin signaling pathway in uterine leiomyoma: role in tumor biology and targeting opportunities. <i>Molecular and Cellular Biochemistry</i> , <b>2021</b> , 476, 3513-3536	4.2	7
9	Improved Isolation and Culture of Urine-Derived Stem Cells (USCs) and Enhanced Production of Immune Cells from the USC-Derived Induced Pluripotent Stem Cells. <i>Journal of Clinical Medicine</i> , <b>2020</b> , 9,	5.1	6
8	Prognostic and clinico-pathological significance of BIN1 in breast cancer. <i>Informatics in Medicine Unlocked</i> , <b>2020</b> , 19, 100327	5.3	6
7	Nanotechnology-based therapeutic applications: clinical studies for diabetic wound healing. <i>Biomaterials Science</i> , <b>2021</b> , 9, 7705-7747	7.4	6

6	Simvastatin Inhibits Wnt/ $\beta$ Catenin Pathway in Uterine Leiomyoma. <i>Endocrinology</i> , <b>2021</b> , 162,	4.8	5
5	Insights into the in vitro germicidal activities of <i>Acalypha indica</i> . <i>Analytical Science and Technology</i> , <b>2017</b> , 30, 26-31		3
4	Multi-Omics Analysis of , , and Expression and the Associated Pathways in Human Cancers. <i>Journal of Personalized Medicine</i> , <b>2021</b> , 11,	3.6	3
3	Expression of ATP/GTP Binding Protein 1 Has Prognostic Value for the Clinical Outcomes in Non-Small Cell Lung Carcinoma. <i>Journal of Personalized Medicine</i> , <b>2020</b> , 10,	3.6	1
2	Homology Modeling and Probable Active Site Cavity Prediction of Uncharacterized Arsenate Reductase in Bacterial spp. <i>Applied Biochemistry and Biotechnology</i> , <b>2021</b> , 193, 1-18	3.2	1
1	Prognostic role of EGR1 in breast cancer: a systematic review. <i>BMB Reports</i> , <b>2021</b> , 54, 497-504	5.5	0