

Subbroto Kumar Saha

List of Publications by Year in descending order

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47
papers

2,791
citations

279701

23
h-index

233338

45
g-index

49
all docs

49
docs citations

49
times ranked

5448
citing authors

#	ARTICLE	IF	CITATIONS
1	The Role of Reactive Oxygen Species (ROS) in the Biological Activities of Metallic Nanoparticles. International Journal of Molecular Sciences, 2017, 18, 120.	1.8	662
2	Molecular Mechanisms of the Anti-Obesity and Anti-Diabetic Properties of Flavonoids. International Journal of Molecular Sciences, 2016, 17, 569.	1.8	325
3	Correlation between Oxidative Stress, Nutrition, and Cancer Initiation. International Journal of Molecular Sciences, 2017, 18, 1544.	1.8	281
4	Function of the $SIRT3$ mitochondrial deacetylase in cellular physiology, cancer, and neurodegenerative disease. Aging Cell, 2017, 16, 4-16.	3.0	227
5	The Anti-Cancer Effect of Polyphenols against Breast Cancer and Cancer Stem Cells: Molecular Mechanisms. Nutrients, 2016, 8, 581.	1.7	118
6	Multifaceted applications of green carbon dots synthesized from renewable sources. Advances in Colloid and Interface Science, 2020, 275, 102046.	7.0	117
7	Review of remediation techniques for arsenic (As) contamination: A novel approach utilizing bio-organisms. Journal of Environmental Management, 2014, 134, 175-185.	3.8	97
8	KRT19 directly interacts with β -catenin/RAC1 complex to regulate NUMB-dependent NOTCH signaling pathway and breast cancer properties. Oncogene, 2017, 36, 332-349.	2.6	92
9	Biologically synthesized silver nanoparticles induce neuronal differentiation of SH-SY5Y cells via modulation of reactive oxygen species, phosphatases, and kinase signaling pathways. Biotechnology Journal, 2014, 9, 934-943.	1.8	67
10	Hydrodynamic shear stress promotes epithelial-mesenchymal transition by downregulating ERK and GSK3 β activities. Breast Cancer Research, 2019, 21, 6.	2.2	65
11	Multimiomics Analysis Reveals that GLS and GLS2 Differentially Modulate the Clinical Outcomes of Cancer. Journal of Clinical Medicine, 2019, 8, 355.	1.0	60
12	PROM1 and PROM2 expression differentially modulates clinical prognosis of cancer: a multiomics analysis. Cancer Gene Therapy, 2020, 27, 147-167.	2.2	47
13	The potential of nanoparticles in stem cell differentiation and further therapeutic applications. Biotechnology Journal, 2016, 11, 1550-1560.	1.8	43
14	Programmable Molecular Scissors: Applications of a New Tool for Genome Editing in Biotech. Molecular Therapy - Nucleic Acids, 2019, 14, 212-238.	2.3	41
15	Molecular Insights Into Therapeutic Potential of Autophagy Modulation by Natural Products for Cancer Stem Cells. Frontiers in Cell and Developmental Biology, 2020, 8, 283.	1.8	39
16	G protein-coupled receptors in stem cell maintenance and somatic reprogramming to pluripotent or cancer stem cells. BMB Reports, 2015, 48, 68-80.	1.1	39
17	Cytokeratin 19 (KRT19) has a Role in the Reprogramming of Cancer Stem Cell-Like Cells to Less Aggressive and More Drug-Sensitive Cells. International Journal of Molecular Sciences, 2018, 19, 1423.	1.8	38
18	High Expression of TTYH3 is Related to Poor Clinical Outcomes in Human Gastric Cancer. Journal of Clinical Medicine, 2019, 8, 1762.	1.0	30

#	ARTICLE	IF	CITATIONS
19	Recent Advances in Disease Modeling and Drug Discovery for Diabetes Mellitus Using Induced Pluripotent Stem Cells. <i>International Journal of Molecular Sciences</i> , 2016, 17, 256.	1.8	29
20	Valproic Acid Induces Endocytosis-Mediated Doxorubicin Internalization and Shows Synergistic Cytotoxic Effects in Hepatocellular Carcinoma Cells. <i>International Journal of Molecular Sciences</i> , 2017, 18, 1048.	1.8	29
21	Opposing Regulation of Cancer Properties via KRT19-Mediated Differential Modulation of Wnt/ β -Catenin/Notch Signaling in Breast and Colon Cancers. <i>Cancers</i> , 2019, 11, 99.	1.7	29
22	Nanotechnology-based therapeutic applications: <i>in vitro</i> and <i>in vivo</i> clinical studies for diabetic wound healing. <i>Biomaterials Science</i> , 2021, 9, 7705-7747.	2.6	29
23	Systematic expression alteration analysis of master reprogramming factor OCT4 and its three pseudogenes in human cancer and their prognostic outcomes. <i>Scientific Reports</i> , 2018, 8, 14806.	1.6	28
24	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> , 2014, 9, 934-943.	1.8	24
25	Systematic Multiomics Analysis of Alterations in C1QBP mRNA Expression and Relevance for Clinical Outcomes in Cancers. <i>Journal of Clinical Medicine</i> , 2019, 8, 513.	1.0	24
26	Arsenic Remediation in Bangladeshi Rice Varieties with Enhance Plant Growth by Unique Arsenic-Resistant Bacterial Isolates. <i>Geomicrobiology Journal</i> , 2020, 37, 130-142.	1.0	22
27	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> , 2020, 9, 827.	1.0	18
28	Wnt/ β -catenin signaling pathway in uterine leiomyoma: role in tumor biology and targeting opportunities. <i>Molecular and Cellular Biochemistry</i> , 2021, 476, 3513-3536.	1.4	18
29	Sestrin2 Expression Has Regulatory Properties and Prognostic Value in Lung Cancer. <i>Journal of Personalized Medicine</i> , 2020, 10, 109.	1.1	15
30	GPR50 Promotes Hepatocellular Carcinoma Progression via the Notch Signaling Pathway through Direct Interaction with ADAM17. <i>Molecular Therapy - Oncolytics</i> , 2020, 17, 332-349.	2.0	15
31	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> , 2020, 9, 1935.	1.0	15
32	Simvastatin Inhibits Wnt/ β -Catenin Pathway in Uterine Leiomyoma. <i>Endocrinology</i> , 2021, 162, .	1.4	14
33	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> , 2018, 19, 712.	1.8	13
34	Homology Modeling and Probable Active Site Cavity Prediction of Uncharacterized Arsenate Reductase in Bacterial spp.. <i>Applied Biochemistry and Biotechnology</i> , 2021, 193, 1-18.	1.4	12
35	Prognostic and clinico-pathological significance of BIN1 in breast cancer. <i>Informatics in Medicine Unlocked</i> , 2020, 19, 100327.	1.9	11
36	Prognostic role of <i>EGR1</i> in breast cancer: a systematic review. <i>BMB Reports</i> , 2021, 54, 497-504.	1.1	11

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37	Contrasting recovery patterns of 2, 4-dinitrophenylhydrazones (DNPH) derivative of carbonyls between liquid and gas phase standards using HPLC-based analysis. Atmospheric Environment, 2012, 62, 562-565.	1.9	9
38	Clinicopathological and prognostic significance of GPC3 in human breast cancer and its 3D structure prediction. Network Modeling Analysis in Health Informatics and Bioinformatics, 2020, 9, 1.	1.2	9
39	Multi-Omics Analysis of SOX4, SOX11, and SOX12 Expression and the Associated Pathways in Human Cancers. Journal of Personalized Medicine, 2021, 11, 823.	1.1	7
40	Insights into the in vitro germicidal activities of Acalypha indica. Analytical Science and Technology, 2017, 30, 26-31.	0.3	7
41	Single-cell transcriptomic signatures and gene regulatory networks modulated by WIs in mammalian midline facial formation and clefts. Development (Cambridge), 2022, 149, .	1.2	6
42	The role of Lrp6-mediated Wnt/ β 2-catenin signaling in the development and intervention of spinal neural tube defects in mice. DMM Disease Models and Mechanisms, 2022, 15, .	1.2	4
43	Prognostic role of EGR1 in breast cancer: a systematic review. BMB Reports, 2021, 54, 497-504.	1.1	2
44	Expression of ATP/GTP Binding Protein 1 Has Prognostic Value for the Clinical Outcomes in Non-Small Cell Lung Carcinoma. Journal of Personalized Medicine, 2020, 10, 263.	1.1	1
45	Identification of glycophorin C as a prognostic marker for human breast cancer using bioinformatic analysis. Network Modeling Analysis in Health Informatics and Bioinformatics, 2022, 11, .	1.2	1
46	THE YAP INHIBITOR VERTEPORFIN REGULATES ACTIVIN-A/SMAD SIGNALING AND MECHANOTRANSDUCTION IN UTERINE FIBROID CELLS. Fertility and Sterility, 2020, 114, e232-e233.	0.5	0
47	Long-Term Variations of Airborne Cadmium (Cd) Concentrations in Major Urban Areas of Korea between 1991 and 2010. Aerosol and Air Quality Research, 2013, 13, 1078-1089.	0.9	0