

Ratan Sadhukhan

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

330
citations

1040056

9
h-index

996975

15
g-index

18
all docs

18
docs citations

18
times ranked

590
citing authors

#	ARTICLE	IF	CITATIONS
1	Quercetin induces cytochrome c release and ROS accumulation to promote apoptosis and arrest the cell cycle in G2/M, in cervical carcinoma: signal cascade and drug-DNA interaction. <i>Cell Proliferation</i> , 2013, 46, 153-163.	5.3	139
2	Interaction studies between biosynthesized silver nanoparticle with calf thymus DNA and cytotoxicity of silver nanoparticles. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2015, 141, 176-184.	3.9	58
3	Diarylheptanoid myricanone isolated from ethanolic extract of <i>Myrica cerifera</i> shows anticancer effects on HeLa and PC3 cell lines: signalling pathway and drug-DNA interaction. <i>Journal of Integrative Medicine</i> , 2013, 11, 405-415.	3.1	32
4	Identification of novel breakpoints for locus- and region-specific translocations in 293 cells by molecular cytogenetics before and after irradiation. <i>Scientific Reports</i> , 2019, 9, 10554.	3.3	20
5	Synthesis and characterization of two Cu(II) complexes with a new pyrazole-based Schiff base ligand: crystallography, DNA interaction and antimicrobial activity of Ni(II) and Cu(II) complexes. <i>Journal of Coordination Chemistry</i> , 2016, 69, 1618-1634.	2.2	14
6	Expression of Telomere-Associated Proteins is Interdependent to Stabilize Native Telomere Structure and Telomere Dysfunction by G-Quadruplex Ligand Causes TERRA Upregulation. <i>Cell Biochemistry and Biophysics</i> , 2018, 76, 311-319.	1.8	13
7	Gamma-Tocotrienol Protects the Intestine from Radiation Potentially by Accelerating Mesenchymal Immune Cell Recovery. <i>Antioxidants</i> , 2019, 8, 57.	5.1	13
8	Synthesis of novel pyrano[3,2-f]quinoline, phenanthroline derivatives and studies of their interactions with proteins: An application in mammalian cell imaging. <i>European Journal of Medicinal Chemistry</i> , 2014, 71, 306-315.	5.5	12
9	Simultaneous exposure to chronic irradiation and simulated microgravity differentially alters immune cell phenotype in mouse thymus and spleen. <i>Life Sciences in Space Research</i> , 2021, 28, 66-73.	2.3	12
10	Dietary Methionine Deficiency Enhances Genetic Instability in Murine Immune Cells. <i>International Journal of Molecular Sciences</i> , 2021, 22, 2378.	4.1	4
11	Fractionated radiation suppresses Kruppel-like factor 2 pathway to a greater extent than by single exposure to the same total dose. <i>Scientific Reports</i> , 2020, 10, 7734.	3.3	4
12	Biocapped Nanoparticles are More Bioactive to HeLa Cells than its Chemical Counterpart. <i>Advanced Science, Engineering and Medicine</i> , 2013, 5, 783-788.	0.3	4
13	PARP1 modulates telomere sister chromatid exchange and telomere length homeostasis by regulating telomere localization of SLX4 in U2OS cells. <i>Life Sciences</i> , 2021, 277, 119556.	4.3	2
14	BSA and DNA Binding Studies of <i>Aspergillus foetidus</i> Mediated Biosynthesized CdS Nanoparticles. <i>Current Nanoscience</i> , 2016, 12, 781-788.	1.2	2
15	Combined Spectroscopic And Molecular Docking Study Of Binding Interaction Of Pyrano [3, 2-F] Quinoline Derivatives With Bovine Serum Albumins And Its Application In Mammalian Cell Imaging. <i>Advanced Materials Letters</i> , 2015, 6, 1004-1011.	0.6	1
16	Transcriptional up-regulation of TERT and TERC necessarily not mean higher telomerase activity: A report of telomerase inhibition with higher transcription of TERT, TERC and TERF2 in A549 cells treated with staurosporine. <i>International Journal of Biotechnology and Bioengineering</i> , 2017, 3, 10-15.	0.0	0
17	Nicotinamide riboside alleviates cisplatin-induced peripheral neuropathy via SIRT2 activation. <i>Neuro-Oncology Advances</i> , 0, , .	0.7	0