Shantanu Gupta

List of Publications by Year
in descending order

11	181	1307366 7	1281743 11
papers	citations	h-index	g-index

12	12	12	109
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Towards DNA-damage induced autophagy: A Boolean model of p53-induced cell fate mechanisms. DNA Repair, 2020, 96, 102971.	1.3	34
2	Systems biology approach suggests new miRNAs as phenotypic stability factors in the epithelialâ€“mesenchymal transition. Journal of the Royal Society Interface, 2020, 17, 20200693.	1.5	30
3	<scp>ATM</scp>/miRâ€34aâ€5p axis regulates a p21â€dependent senescenceâ€apoptosis switch in nonâ€small cell lung cancer: a Boolean model of G1/S checkpoint regulation. FEBS Letters, 2020, 594, 227-239.	1.3	29
4	Modeling the role of microRNA-449a in the regulation of the G2/M cell cycle checkpoint in prostate LNCaP cells under ionizing radiation. PLoS ONE, 2018, 13, e0200768.	1.1	18
5	Integrative data modeling from lung and lymphatic cancer predicts functional roles for miR-34a and miR-16 in cell fate regulation. Scientific Reports, 2020, 10, 2511.	1.6	15
6	Dynamical modeling of miR-34a, miR-449a, and miR-16 reveals numerous DDR signaling pathways regulating senescence, autophagy, and apoptosis in HeLa cells. Scientific Reports, 2022, 12, 4911.	1.6	15
7	Dynamical Analysis of a Boolean Network Model of the Oncogene Role of lncRNA ANRIL and lncRNA UFC1 in Non-Small Cell Lung Cancer. Biomolecules, 2022, 12, 420.	1.8	14
8	Towards the contribution of the p38MAPK pathway to the dual role of TGFÎ² in cancer: A boolean model approach. Computers in Biology and Medicine, 2019, 104, 235-240.	3.9	8
9	The Wnt pathway can stabilize hybrid phenotypes in the epithelial-mesenchymal transition: A logical modeling approach. Computational Biology and Chemistry, 2022, 99, 107714.	1.1	7
10	p53/E2F1/miR-25 axis regulates apoptosis induction in glioblastoma cells: a qualitative model. Journal of Physics Complexity, 2020, 1, 035001.	0.9	6
11	A Boolean Model of the Proliferative Role of the lncRNA XIST in Non-Small Cell Lung Cancer Cells. Biology, 2022, 11, 480.	1.3	5