Lata I Shukla

List of Publications by Citations

12 papers	575 citations	8 h-index	13 g-index
13 ext. papers	634 ext. citations	4.9 avg, IF	3.56 L-index

#	Paper	IF	Citations
12	The role of microRNAs and other endogenous small RNAs in plant stress responses. *Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms*, **2008**, 1779, 743-8	6	211
11	Cloning and characterization of small RNAs from Medicago truncatula reveals four novel legume-specific microRNA families. *New Phytologist*, **2009**, 184, 85-98	9.8	143
10	Formation of 8-oxo-7,8-dihydroguanine-radicals in gamma-irradiated DNA by multiple one-electron oxidations. *Nucleic Acids Research*, **2004**, 32, 6565-74	20.1	85
9	Sugar radicals in DNA: isolation of neutral radicals in gamma-irradiated DNA by hole and electron scavenging. *Radiation Research*, **2005**, 163, 591-602	3.1	40
8	The formation of DNA sugar radicals from photoexcitation of guanine cation radicals. *Radiation Research*, **2004**, 161, 582-90	3.1	38
7	Gamma irradiation of medicinally important plants and the enhancement of secondary metabolite production. *International Journal of Radiation Biology*, **2017**, 93, 967-979	2.9	33
6	Evidences for differential expression of miR167d-5p, target, positional nucleotide preference, and its role in somatic and different stages of regenerating calli of Oryza sativa. *Plant Cell, Tissue and Organ Culture*, **2019**, 136, 537-548	2.7	10
5	Position Based Nucleotide Analysis of miR168 Family in Higher Plants and its Targets in Mammalian Transcripts. *MicroRNA (Shariqah, United Arab Emirates)*, **2017**, 6, 136-142	2.9	9
4	Optimization of in vitro culture media for improvement in yield of Navara ancient Indian medicinal rice. *3 Biotech*, **2019**, 9, 270	2.8	3
3	The miR408 expression in scutellum derived somatic embryos of Oryza sativa L. ssp. indica varieties: media and regenerating embryos. *Plant Cell, Tissue and Organ Culture*, **2019**, 138, 53-66	2.7	2
2	Efficient production of recombinant human transcription factor IIE. *Protein Expression and Purification*, **2004**, 34, 317-23	2	0
1	Investigations of scutellum derived calli, cues from size, effective ionic strength of synthetic media and improved regeneration capacity for indica rice. *Plant Cell, Tissue and Organ Culture*, **2020**, 142, 95-106	2.7	