

# Sarita Kumari

## 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.

12  
papers

680  
citations

8  
h-index

12  
g-index

12  
ext. papers

838  
ext. citations

5.5  
avg, IF

4.14  
L-index

#	Paper	IF	Citations
12	Cu-chitosan nanoparticle boost defense responses and plant growth in maize ( <i>Zea mays</i> L.). <i>Scientific Reports</i> , <b>2017</b> , 7, 9754	4.9	165
11	Cu-Chitosan Nanoparticle Mediated Sustainable Approach To Enhance Seedling Growth in Maize by Mobilizing Reserved Food. <i>Journal of Agricultural and Food Chemistry</i> , <b>2016</b> , 64, 6148-55	5.7	127
10	Engineered chitosan based nanomaterials: Bioactivities, mechanisms and perspectives in plant protection and growth. <i>International Journal of Biological Macromolecules</i> , <b>2018</b> , 113, 494-506	7.9	113
9	Zinc encapsulated chitosan nanoparticle to promote maize crop yield. <i>International Journal of Biological Macromolecules</i> , <b>2019</b> , 127, 126-135	7.9	78
8	Salicylic acid functionalized chitosan nanoparticle: A sustainable biostimulant for plant. <i>International Journal of Biological Macromolecules</i> , <b>2019</b> , 123, 59-69	7.9	66
7	Thymol nanoemulsion exhibits potential antibacterial activity against bacterial pustule disease and growth promotory effect on soybean. <i>Scientific Reports</i> , <b>2018</b> , 8, 6650	4.9	58
6	Chitosan-silicon nanofertilizer to enhance plant growth and yield in maize ( <i>Zea mays</i> L.). <i>Plant Physiology and Biochemistry</i> , <b>2021</b> , 159, 53-66	5.4	31
5	Synthesis, Characterization, and Application of Chitosan Nanomaterials Loaded with Zinc and Copper for Plant Growth and Protection <b>2017</b> , 227-247		16
4	Zinc-functionalized thymol nanoemulsion for promoting soybean yield. <i>Plant Physiology and Biochemistry</i> , <b>2019</b> , 145, 64-74	5.4	8
3	Physio-biochemical responses of wheat plant towards salicylic acid-chitosan nanoparticles. <i>Plant Physiology and Biochemistry</i> , <b>2021</b> , 162, 699-705	5.4	8
2	Viral, Fungal and Bacterial Disease Resistance in Transgenic Plants <b>2016</b> , 627-656		7
1	Characterization Methods for Chitosan-Based Nanomaterials. <i>Nanotechnology in the Life Sciences</i> , <b>2019</b> , 103-116	1.1	3