

# Santosh Kumar

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8625543/publications.pdf>

Version: 2024-02-01

17  
papers

1,748  
citations

566801

15  
h-index

887659

17  
g-index

17  
all docs

17  
docs citations

17  
times ranked

2026  
citing authors

#	ARTICLE	IF	CITATIONS
1	Chitosan based nanocomposite films and coatings: Emerging antimicrobial food packaging alternatives. <i>Trends in Food Science and Technology</i> , 2020, 97, 196-209.	7.8	463
2	Biodegradable hybrid nanocomposites of chitosan/gelatin and silver nanoparticles for active food packaging applications. <i>Food Packaging and Shelf Life</i> , 2018, 16, 178-184.	3.3	247
3	A novel green synthesis of silver nanoparticles and their catalytic action in reduction of Methylene Blue dye. <i>Sustainable Environment Research</i> , 2017, 27, 245-250.	2.1	205
4	Bionanocomposite films of agar incorporated with ZnO nanoparticles as an active packaging material for shelf life extension of green grape. <i>Heliyon</i> , 2019, 5, e01867.	1.4	143
5	Chitosan Nanocomposite Coatings for Food, Paints, and Water Treatment Applications. <i>Applied Sciences (Switzerland)</i> , 2019, 9, 2409.	1.3	113
6	Biodegradable Hybrid Nanocomposite of Chitosan/Gelatin and Green Synthesized Zinc Oxide Nanoparticles for Food Packaging. <i>Foods</i> , 2020, 9, 1143.	1.9	96
7	Biopolymer-based nanocomposite films and coatings: recent advances in shelf-life improvement of fruits and vegetables. <i>Critical Reviews in Food Science and Nutrition</i> , 2022, 62, 1912-1935.	5.4	89
8	Role of biogenic silver nanoparticles in disruption of cell-cell adhesion in <i>Staphylococcus aureus</i> and <i>Escherichia coli</i> biofilm. <i>Journal of Industrial and Engineering Chemistry</i> , 2015, 26, 73-80.	2.9	88
9	Anti-biofilm activity and food packaging application of room temperature solution process based polyethylene glycol capped Ag-ZnO-graphene nanocomposite. <i>Materials Science and Engineering C</i> , 2018, 91, 743-753.	3.8	75
10	<i>Lagerstroemia speciosa</i> fruit-mediated synthesis of silver nanoparticles and its application as filler in agar based nanocomposite films for antimicrobial food packaging. <i>Food Packaging and Shelf Life</i> , 2018, 17, 99-106.	3.3	63
11	Mechanistic study of antibacterial activity of biologically synthesized silver nanocolloids. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2014, 449, 82-86.	2.3	47
12	<i>Centella asiatica</i> leaf mediated synthesis of silver nanocolloid and its application as filler in gelatin based antimicrobial nanocomposite film. <i>LWT - Food Science and Technology</i> , 2017, 75, 293-300.	2.5	41
13	Plant latex capped colloidal silver nanoparticles: A potent anti-biofilm and fungicidal formulation. <i>Journal of Molecular Liquids</i> , 2017, 230, 705-713.	2.3	26
14	Fruit extract capped colloidal silver nanoparticles and their application in reduction of methylene blue dye. <i>Biocatalysis and Biotransformation</i> , 2019, 37, 183-189.	1.1	18
15	Antimicrobial activity of green silver nanoparticles produced using aqueous leaf extract of <i>Hydrocotyle rotundifolia</i> . <i>Oriental Pharmacy and Experimental Medicine</i> , 2016, 16, 195-201.	1.2	17
16	<i>Lippia javanica</i> : a cheap natural source for the synthesis of antibacterial silver nanocolloid. <i>Applied Nanoscience (Switzerland)</i> , 2016, 6, 1001-1007.	1.6	15
17	One pot phytosynthesis of gold nanoparticles using aqueous extract of elephant apple- an eco-friendly approach. <i>Oriental Pharmacy and Experimental Medicine</i> , 2017, 17, 285-289.	1.2	2