

# Prem Pratap Singh

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1399729/publications.pdf>

Version: 2024-02-01

24  
papers

856  
citations

759233

12  
h-index

677142

22  
g-index

24  
all docs

24  
docs citations

24  
times ranked

934  
citing authors

#	ARTICLE	IF	CITATIONS
1	Recent advancement in functional properties and toxicity assessment of plant-derived bioactive peptides using bioinformatic approaches. <i>Critical Reviews in Food Science and Nutrition</i> , 2023, 63, 4503-4521.	10.3	13
2	Assessing the efficacy of chitosan nanomatrix incorporated with <i>Cymbopogon citratus</i> (DC.) Stapf essential oil against the food-borne molds and aflatoxin B1 production in food system. <i>Pesticide Biochemistry and Physiology</i> , 2022, 180, 105001.	3.6	7
3	Botanicals for Sustainable Management of Stored Food Grains: Pesticidal Efficacy, Mode of Action and Ecological Risk Assessment Using Computational Approaches. <i>Anthropocene Science</i> , 2022, 1, 62-79.	2.9	2
4	Nanoencapsulated plant-based antifungal formulation against the <i>Aspergillus flavus</i> and aflatoxin B1 contamination: Unraveling the biochemical and molecular mechanism of action. <i>International Journal of Food Microbiology</i> , 2022, 372, 109681.	4.7	7
5	Fabrication, Characterization, and Antifungal Assessment of Jasmine Essential Oil-Loaded Chitosan Nanomatrix Against <i>Aspergillus flavus</i> in Food System. <i>Food and Bioprocess Technology</i> , 2021, 14, 554-571.	4.7	23
6	Untangling the multi-regime molecular mechanism of verbenol-chemotype <i>Zingiber officinale</i> essential oil against <i>Aspergillus flavus</i> and aflatoxin B1. <i>Scientific Reports</i> , 2021, 11, 6832.	3.3	15
7	Pesticidal efficacy, mode of action and safety limits profile of essential oils based nanoformulation against <i>Callosobruchus chinensis</i> and <i>Aspergillus flavus</i> . <i>Pesticide Biochemistry and Physiology</i> , 2021, 175, 104813.	3.6	7
8	Microbial Biosurfactant: A New Frontier for Sustainable Agriculture and Pharmaceutical Industries. <i>Antioxidants</i> , 2021, 10, 1472.	5.1	68
9	Potential Anti- <i>Mycobacterium tuberculosis</i> Activity of Plant Secondary Metabolites: Insight with Molecular Docking Interactions. <i>Antioxidants</i> , 2021, 10, 1990.	5.1	12
10	Encapsulation of <i>Bunium persicum</i> essential oil using chitosan nanopolymer: Preparation, characterization, antifungal assessment, and thermal stability. <i>International Journal of Biological Macromolecules</i> , 2020, 142, 172-180.	7.5	26
11	Fabrication of volatile compounds loaded-chitosan biopolymer nanoparticles: Optimization, characterization and assessment against <i>Aspergillus flavus</i> and aflatoxin B1 contamination. <i>International Journal of Biological Macromolecules</i> , 2020, 165, 1507-1518.	7.5	9
12	Assessing the antifungal and aflatoxin B1 inhibitory efficacy of nanoencapsulated antifungal formulation based on combination of <i>Ocimum</i> spp. essential oils. <i>International Journal of Food Microbiology</i> , 2020, 330, 108766.	4.7	22
13	Elucidation of antifungal toxicity of <i>Callistemon lanceolatus</i> essential oil encapsulated in chitosan nanogel against <i>Aspergillus flavus</i> using biochemical and in-silico approaches. <i>Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment</i> , 2020, 37, 1520-1530.	2.3	10
14	Unravelling the antifungal and anti-aflatoxin B1 mechanism of chitosan nanocomposite incorporated with <i>Foeniculum vulgare</i> essential oil. <i>Carbohydrate Polymers</i> , 2020, 236, 116050.	10.2	37
15	Medicinal Plants Under Climate Change: Impacts on Pharmaceutical Properties of Plants. , 2019, , 181-209.		8
16	Nanoencapsulated methyl salicylate as a biorational alternative of synthetic antifungal and aflatoxin B1 suppressive agents. <i>Environmental Science and Pollution Research</i> , 2019, 26, 18440-18450.	5.3	12
17	Assessing the preservative efficacy of nanoencapsulated mace essential oil against food borne molds, aflatoxin B1 contamination, and free radical generation. <i>LWT - Food Science and Technology</i> , 2019, 108, 429-436.	5.2	22
18	Nanoencapsulated plant-based bioactive formulation against food-borne molds and aflatoxin B1 contamination: Preparation, characterization and stability evaluation in the food system. <i>Food Chemistry</i> , 2019, 287, 139-150.	8.2	41

#	ARTICLE	IF	CITATIONS
19	Nanoencapsulation: An efficient technology to boost the antimicrobial potential of plant essential oils in food system. <i>Food Control</i> , 2018, 89, 1-11.	5.5	255
20	Interaction of plant growth promoting bacteria with tomato under abiotic stress: A review. <i>Agriculture, Ecosystems and Environment</i> , 2018, 267, 129-140.	5.3	104
21	Distribution of cyanobacteria and their interactions with pesticides in paddy field: A comprehensive review. <i>Journal of Environmental Management</i> , 2018, 224, 361-375.	7.8	34
22	Biotechnological aspects of plants metabolites in the treatment of ulcer: A new prospective. <i>Biotechnology Reports (Amsterdam, Netherlands)</i> , 2018, 18, e00256.	4.4	13
23	Role of <i>Pseudomonas</i> sp. in Sustainable Agriculture and Disease Management. , 2017, , 195-215.		18
24	Isolation of plant growth promoting rhizobacteria and their impact on growth and curcumin content in <i>Curcuma longa</i> L.. <i>Biocatalysis and Agricultural Biotechnology</i> , 2016, 8, 1-7.	3.1	91