

# Sagar S Arya

## List of Publications by Year in descending order

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Version: 2024-02-01

18  
papers

361  
citations

1040056

9  
h-index

888059

17  
g-index

18  
all docs

18  
docs citations

18  
times ranked

267  
citing authors

#	ARTICLE	IF	CITATIONS
1	Vanillin: a review on the therapeutic prospects of a popular flavouring molecule. <i>Advances in Traditional Medicine</i> , 2021, 21, 1-17.	2.0	101
2	Vanillin mediated green synthesis and application of gold nanoparticles for reversal of antimicrobial resistance in <i>Pseudomonas aeruginosa</i> clinical isolates. <i>Heliyon</i> , 2019, 5, e02021.	3.2	48
3	Next-generation metabolic engineering approaches towards development of plant cell suspension cultures as specialized metabolite producing biofactories. <i>Biotechnology Advances</i> , 2020, 45, 107635.	11.7	43
4	Biogenic titanium nanoparticles (TiO <sub>2</sub> NPs) from <i>Trichoderma citrinoviride</i> extract: synthesis, characterization and antibacterial activity against extremely drug-resistant <i>Pseudomonas aeruginosa</i> . <i>International Nano Letters</i> , 2021, 11, 35-42.	5.0	35
5	A Short History and Perspectives on Plant Genetic Transformation. <i>Methods in Molecular Biology</i> , 2020, 2124, 39-68.	0.9	22
6	Myco-synthesized silver and titanium oxide nanoparticles as seed priming agents to promote seed germination and seedling growth of <i>Solanum lycopersicum</i> : a comparative study. <i>International Nano Letters</i> , 2021, 11, 371-379.	5.0	19
7	Chitosan nanoparticles and their combination with methyl jasmonate for the elicitation of phenolics and flavonoids in plant cell suspension cultures. <i>International Journal of Biological Macromolecules</i> , 2022, 214, 632-641.	7.5	15
8	Sharpening gene editing toolbox in <i>Arabidopsis</i> for plants. <i>Journal of Plant Biochemistry and Biotechnology</i> , 2020, 29, 769-784.	1.7	12
9	Vanilla modulates the activity of antibiotics and inhibits efflux pumps in drug-resistant <i>Pseudomonas aeruginosa</i> . <i>Biologia (Poland)</i> , 2021, 76, 781-791.	1.5	12
10	Designer nanoparticles for plant cell culture systems: Mechanisms of elicitation and harnessing of specialized metabolites. <i>BioEssays</i> , 2021, 43, e2100081.	2.5	12
11	Prospects of nano- and peptide-carriers to deliver CRISPR cargos in plants to edit across and beyond central dogma. <i>Nanotechnology for Environmental Engineering</i> , 2021, 6, 1.	3.3	8
12	Rice cell suspension culture as a model for producing high-value recombinant proteins and plant specialized metabolites. <i>Plant Cell, Tissue and Organ Culture</i> , 2021, 145, 463-486.	2.3	7
13	Arbuscular mycorrhizal ( <i>Glomus fasciculatum</i> ) fungi as a plant immunity booster against fungal pathogen. <i>Current Agriculture Research Journal</i> , 2019, 7, 99-107.	0.1	6
14	Reduced Genotoxicity of Gold Nanoparticles With Protein Corona in <i>Allium cepa</i> . <i>Frontiers in Bioengineering and Biotechnology</i> , 2022, 10, 849464.	4.1	6
15	Hypoglycemic and anticataract activity of crude exopolysaccharides of medicinal mushroom <i>Phellinus badius</i> on streptozotocin-induced diabetic rats and goat eye lenses respectively. <i>Bioactive Carbohydrates and Dietary Fibre</i> , 2020, 24, 100241.	2.7	5
16	Metabolic Engineering of Rice Cells with Vanillin Synthase Gene (VpVAN) to Produce Vanillin. <i>Molecular Biotechnology</i> , 2022, 64, 861-872.	2.4	5
17	Prospects of chloroplast metabolic engineering for developing nutrient-dense food crops. <i>Critical Reviews in Biotechnology</i> , 2023, 43, 1001-1018.	9.0	3
18	Targeted genetic modification technologies: Potential benefits of their future use in Phytoremediation. , 2022, , 203-226.		2