

# Smitha Hegde

## List of PR Articles by Year in descending order

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18

PR articles

186

PR citations

1279846

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1131831

12

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documents

241

doc citations

1201163

8

h-index

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citing authors

#	ARTICLE	IF	PR CITATIONS
1	Enhanced Curculigoside and Phenolic Compounds Elevate Antioxidant Activity in <i>C. orchoides</i> Gaertn In Vitro Under Exogenous Augmentation with Elicitors Salicylic Acid (SA) and Polyethylene Glycol (PEG) 6000. <i>Journal of Health and Allied Sciences NU</i> , 2025, 15, 125-131.	0.6	1
2	<i>Curculigo orchoides</i> Gaertn.: An Overview of Its Effects on Human Health. <i>Journal of Health and Allied Sciences NU</i> , 2023, 13, 153-160.	0.6	3
3	Geospatial Distribution of Fluoride and Iron in Natural Water Sources in Mangalore City. <i>Journal of Health and Allied Sciences NU</i> , 2023, 13, 525-534.	0.6	2
4	Environmental toxicants, oxidative stress and health adversities: interventions of phytochemicals. <i>Journal of Pharmacy and Pharmacology</i> , 2022, 74, 516-536.	3.0	25
5	Phytochemical and anti-oxidant evaluation of in vitro and in vivo propagated plants of <i>Curculigo orchoides</i> . <i>In Vitro Cellular and Developmental Biology - Plant</i> , 2022, 58, 382-391.	1.6	15
6	Systematic toxicity assessment of CdTe quantum dots in <i>Drosophila melanogaster</i> . <i>Chemosphere</i> , 2022, 295, 133836.	8.3	32
7	Toxicity Assessment of <i>Curculigo orchoides</i> Leaf Extract Using <i>Drosophila melanogaster</i> : A Preliminary Study. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 15218.	3.1	13
8	<i>In vitro</i> spore germination and phytoremediation of Hg and Pb using gametophytes of <i>Pityrogramma calomelanos</i> . <i>International Journal of Phytoremediation</i> , 2021, 23, 307-315.	3.5	8
9	Spore morphology of Selected Pteridophytes Found in the Western Ghats of India. <i>Biosciences, Biotechnology Research Asia</i> , 2021, 18, 99-106.	0.5	6
10	Biodiversity, richness and spatial distribution of extant Pteridophytes in Kudremukh National Park, Western Ghats, India. <i>Plant Science Today</i> , 2021, 8, .	0.3	3
11	Efficient biosorption of Pb(II) on <i>Pteris vittata</i> L. from aqueous solution using pulsed plate column technique. <i>Separation Science and Technology</i> , 2020, 55, 3089-3101.	2.3	5
12	Phytochemical analysis of <i>Curculigo orchoides</i> and its cytotoxic effect on lung adenocarcinoma cancer cell line (NCI-H522). <i>Medicinal Plants - International Journal of Phytomedicines and Related Industries</i> , 2020, 12, 400.	0.2	7
13	Spontaneous Cr(VI) and Cd(II) biosorption potential of native pinnae tissue of <i>Pteris vittata</i> L., a tropical invasive pteridophyte. <i>International Journal of Phytoremediation</i> , 2019, 21, 380-390.	3.5	12
14	Pelletization of pristine <i>Pteris vittata</i> L. pinnae powder and its application as a biosorbent of Cd(II) and Cr(VI). <i>SN Applied Sciences</i> , 2019, 2, .	2.1	9
15	Surface treated <i>Pteris vittata</i> L. pinnae powder used as an efficient biosorbent of Pb(II), Cd(II), and Cr(VI) from aqueous solution. <i>International Journal of Phytoremediation</i> , 2018, 20, 947-956.	3.5	11
16	Gamma radiation-induced in vitro hormetic apogamy in the fern <i>Pityrogramma calomelanos</i> (L.) link. <i>BioSystems</i> , 2018, 173, 221-224.	1.6	3
17	Use of light emitting diodes (LEDs) for enhanced lipid production in micro-algae based biofuels. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2017, 170, 235-240.	3.6	66
18	Callus culture and an unconventional pattern of sporophyte regeneration in <i>Drynaria quercifolia</i> A medicinal fern. <i>In Vitro Cellular and Developmental Biology - Plant</i> , 2006, 42, 508-513.	1.6	15