

Radha -

List of Publications by Year in descending order

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papers

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#	ARTICLE	IF	CITATIONS
1	Onion (<i>Allium cepa</i> L.) peels: A review on bioactive compounds and biomedical activities. <i>Biomedicine and Pharmacotherapy</i> , 2022, 146, 112498.	2.5	78
2	Tomato (<i>Solanum lycopersicum</i> L.) seed: A review on bioactives and biomedical activities. <i>Biomedicine and Pharmacotherapy</i> , 2021, 142, 112018.	2.5	52
3	Beneficial Role of Antioxidant Secondary Metabolites from Medicinal Plants in Maintaining Oral Health. <i>Antioxidants</i> , 2021, 10, 1061.	2.2	50
4	Evaluation of Nutritional, Phytochemical, and Mineral Composition of Selected Medicinal Plants for Therapeutic Uses from Cold Desert of Western Himalaya. <i>Plants</i> , 2021, 10, 1429.	1.6	40
5	Garlic (<i>Allium sativum</i> L.) Bioactives and Its Role in Alleviating Oral Pathologies. <i>Antioxidants</i> , 2021, 10, 1847.	2.2	40
6	Moringa (<i>Moringa oleifera</i> Lam.) polysaccharides: Extraction, characterization, bioactivities, and industrial application. <i>International Journal of Biological Macromolecules</i> , 2022, 209, 763-778.	3.6	40
7	Custard Apple (<i>Annona squamosa</i> L.) Leaves: Nutritional Composition, Phytochemical Profile, and Health-Promoting Biological Activities. <i>Biomolecules</i> , 2021, 11, 614.	1.8	38
8	Plant-Based Antioxidant Extracts and Compounds in the Management of Oral Cancer. <i>Antioxidants</i> , 2021, 10, 1358.	2.2	26
9	Betelvine (<i>Piper betle</i> L.): A comprehensive insight into its ethnopharmacology, phytochemistry, and pharmacological, biomedical and therapeutic attributes. <i>Journal of Cellular and Molecular Medicine</i> , 2022, 26, 3083-3119.	1.6	26
10	A validated and densitometric HPTLC method for the simultaneous quantification of reserpine and ajmalicine in <i>Rauvolfia serpentina</i> and <i>Rauvolfia tetraphylla</i> . <i>Revista Brasileira De Farmacognosia</i> , 2016, 26, 553-557.	0.6	23
11	Dioscin: A review on pharmacological properties and therapeutic values. <i>BioFactors</i> , 2022, 48, 22-55.	2.6	23
12	Valorization Potential of Tomato (<i>Solanum lycopersicum</i> L.) Seed: Nutraceutical Quality, Food Properties, Safety Aspects, and Application as a Health-Promoting Ingredient in Foods. <i>Horticulturae</i> , 2022, 8, 265.	1.2	23
13	Ethnomedicinal Plants Used in the Health Care System: Survey of the Mid Hills of Solan District, Himachal Pradesh, India. <i>Plants</i> , 2021, 10, 1842.	1.6	22
14	Documentation of Commonly Used Ethnoveterinary Medicines from Wild Plants of the High Mountains in Shimla District, Himachal Pradesh, India. <i>Horticulturae</i> , 2021, 7, 351.	1.2	22
15	Cytokinins: A Genetic Target for Increasing Yield Potential in the CRISPR Era. <i>Frontiers in Genetics</i> , 2022, 13, 883930.	1.1	21
16	Evaluation of detoxified cottonseed protein isolate for application as food supplement. <i>Toxin Reviews</i> , 2022, 41, 412-419.	1.5	20
17	Delineating the inherent functional descriptors and biofunctionalities of pectic polysaccharides. <i>Carbohydrate Polymers</i> , 2021, 269, 118319.	5.1	20
18	Biosynthesis of Secondary Metabolites Based on the Regulation of MicroRNAs. <i>BioMed Research International</i> , 2022, 2022, 1-20.	0.9	20

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19	Guava (<i>Psidium guajava</i> L.) seed: A low-volume, high-value byproduct for human health and the food industry. <i>Food Chemistry</i> , 2022, 386, 132694.	4.2	20
20	<i>Salvadora persica</i> : Nature's Gift for Periodontal Health. <i>Antioxidants</i> , 2021, 10, 712.	2.2	19
21	Therapeutic Uses of Wild Plants by Rural Inhabitants of Maraog Region in District Shimla, Himachal Pradesh, India. <i>Horticulturae</i> , 2021, 7, 343.	1.2	17
22	Unravelling the multi-faceted regulatory role of polyamines in plant biotechnology, transgenics and secondary metabolomics. <i>Applied Microbiology and Biotechnology</i> , 2022, 106, 905-929.	1.7	15
23	Neoechinulins: Molecular, cellular, and functional attributes as promising therapeutics against cancer and other human diseases. <i>Biomedicine and Pharmacotherapy</i> , 2022, 145, 112378.	2.5	12
24	<i>Carica papaya</i> L. Leaves: Deciphering Its Antioxidant Bioactives, Biological Activities, Innovative Products, and Safety Aspects. <i>Oxidative Medicine and Cellular Longevity</i> , 2022, 2022, 1-20.	1.9	12
25	Unraveling the promise and limitations of CRISPR/Cas system in natural product research: Approaches and challenges. <i>Biotechnology Journal</i> , 2022, 17, e2100507.	1.8	10
26	Beneficial Role of Selenium (Se) Biofortification in Developing Resilience Against Potentially Toxic Metal and Metalloid Stress in Crops: Recent Trends in Genetic Engineering and Omics Approaches. <i>Journal of Soil Science and Plant Nutrition</i> , 2022, 22, 2347-2377.	1.7	8
27	Comparative Effect of Cooling on the Physico-chemical-sensory Properties of Ghee from Cow and Buffalo Milk, and Evaluation of the Low-fat Spread Prepared from Cow and Buffalo Milk Ghee. <i>Food Analytical Methods</i> , 2022, 15, 2513-2523.	1.3	7
28	Biotechnological interventions and indole alkaloid production in <i>Rauvolfia serpentina</i> . <i>Applied Microbiology and Biotechnology</i> , 2022, 106, 4867-4883.	1.7	7
29	Black soybean (<i>Glycine max</i> (L.) Merr.): paving the way toward new nutraceutical. <i>Critical Reviews in Food Science and Nutrition</i> , 2023, 63, 6208-6234.	5.4	4