

Surinder Singh

List of Publications by Year in descending order

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Version: 2024-02-01

35
papers

1,070
citations

430754

18
h-index

434063

31
g-index

37
all docs

37
docs citations

37
times ranked

606
citing authors

#	ARTICLE	IF	CITATIONS
1	Plant-based proteins and their multifaceted industrial applications. <i>LWT - Food Science and Technology</i> , 2022, 154, 112620.	2.5	93
2	Guava (<i>Psidium guajava</i> L.) Leaves: Nutritional Composition, Phytochemical Profile, and Health-Promoting Bioactivities. <i>Foods</i> , 2021, 10, 752.	1.9	92
3	Recent trends in extraction of plant bioactives using green technologies: A review. <i>Food Chemistry</i> , 2021, 353, 129431.	4.2	92
4	Rapid Solar-Light Driven Superior Photocatalytic Degradation of Methylene Blue Using MoS ₂ -ZnO Heterostructure Nanorods Photocatalyst. <i>Materials</i> , 2018, 11, 2254.	1.3	74
5	Cottonseed: A sustainable contributor to global protein requirements. <i>Trends in Food Science and Technology</i> , 2021, 111, 100-113.	7.8	70
6	Functional characterization of plant-based protein to determine its quality for food applications. <i>Food Hydrocolloids</i> , 2022, 123, 106986.	5.6	65
7	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
8	Mango (<i>Mangifera indica</i> L.) Leaves: Nutritional Composition, Phytochemical Profile, and Health-Promoting Bioactivities. <i>Antioxidants</i> , 2021, 10, 299.	2.2	51
9	Beneficial Role of Antioxidant Secondary Metabolites from Medicinal Plants in Maintaining Oral Health. <i>Antioxidants</i> , 2021, 10, 1061.	2.2	50
10	Adsorptive removal of antibiotic ofloxacin in aqueous phase using rGO-MoS ₂ heterostructure. <i>Journal of Hazardous Materials</i> , 2021, 417, 125982.	6.5	42
11	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
12	Garlic (<i>Allium sativum</i> L.) Bioactives and Its Role in Alleviating Oral Pathologies. <i>Antioxidants</i> , 2021, 10, 1847.	2.2	40
13	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
14	Plant-Based Antioxidant Extracts and Compounds in the Management of Oral Cancer. <i>Antioxidants</i> , 2021, 10, 1358.	2.2	26
15	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
16	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
17	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
18	Delineating the inherent functional descriptors and biofunctionalities of pectic polysaccharides. <i>Carbohydrate Polymers</i> , 2021, 269, 118319.	5.1	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	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
21	Jackfruit seed slimy sheath, a novel source of pectin: Studies on antioxidant activity, functional group, and structural morphology. <i>Carbohydrate Polymer Technologies and Applications</i> , 2021, 2, 100054.	1.6	16
22	Opportunities and potential of green chemistry in nanotechnology. <i>Nanotechnology for Environmental Engineering</i> , 2022, 7, 661-673.	2.0	16
23	Cottonseed feedstock as a source of plant-based protein and bioactive peptides: Evidence based on biofunctionalities and industrial applications. <i>Food Hydrocolloids</i> , 2022, 131, 107776.	5.6	13
24	Therapeutic uses of wild plant species used by rural inhabitants of Kangra in the western Himalayan region. <i>South African Journal of Botany</i> , 2022, 148, 415-436.	1.2	13
25	<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
26	Visible-Light Photocatalytic Degradation of Organic Pollutants Using Molybdenum Disulfide (MoS_2) Microtubes. <i>Nanoscience and Nanotechnology Letters</i> , 2017, 9, 1966-1974.	0.4	11
27	Optimization of the use of cellulolytic enzyme preparation for the extraction of health promoting anthocyanins from black carrot using response surface methodology. <i>LWT - Food Science and Technology</i> , 2022, 163, 113528.	2.5	9
28	Apitherapy and Periodontal Disease: Insights into In Vitro, In Vivo, and Clinical Studies. <i>Antioxidants</i> , 2022, 11, 823.	2.2	8
29	Batch extraction of gossypol from cottonseed meal using mixed solvent system and its kinetic modeling. <i>Chemical Engineering Communications</i> , 2019, 206, 1608-1617.	1.5	6
30	Extraction of Gossypol from Cottonseed. <i>Reviews in Advanced Sciences and Engineering</i> , 2015, 4, 301-318.	0.6	4
31	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
32	Dataset on aqueous solid-liquid extraction of gossypol from defatted cottonseed in acidic medium using green solvent, its kinetics and thermodynamics study and mass transfer effects. <i>Data in Brief</i> , 2020, 31, 105620.	0.5	2
33	Extraction of Natural Pigment Gossypol from Defatted Cottonseed Using 2-Propanol-Water Green Solvent, Its Kinetics and Thermodynamic Study. <i>Arabian Journal for Science and Engineering</i> , 2020, 45, 7539-7550.	1.7	2
34	Column optimization of adsorption and evaluation of bed parameters-based on removal of arsenite ion using rice husk. <i>Environmental Science and Pollution Research</i> , 2022, 29, 72279-72293.	2.7	2
35	Nanostructured Photocatalysts for Degradation of Environmental Pollutants., 2021, , 823-863.		0