

Sandeep Rawat

List of Publications by Year in descending order

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Version: 2024-02-01

40
papers

1,148
citations

430874

18
h-index

395702

33
g-index

41
all docs

41
docs citations

41
times ranked

908
citing authors

#	ARTICLE	IF	CITATIONS
1	In vitro production of phenolic compounds and antioxidant activity in callus suspension cultures of <i>Habenaria edgeworthii</i> : A rare Himalayan medicinal orchid. <i>Industrial Crops and Products</i> , 2012, 39, 1-6.	5.2	105
2	Characterization of essential oil composition, phenolic content, and antioxidant properties in wild and planted individuals of <i>Valeriana jatamansi</i> Jones. <i>Scientia Horticulturae</i> , 2012, 136, 61-68.	3.6	85
3	Nutraceutical potential of selected wild edible fruits of the Indian Himalayan region. <i>Food Chemistry</i> , 2017, 215, 84-91.	8.2	75
4	Total phenolic compounds and antioxidant potential of <i>Hedychium spicatum</i> Buch. Ham. ex D. Don in west Himalaya, India. <i>Journal of Food Composition and Analysis</i> , 2011, 24, 574-579.	3.9	71
5	Association of ISSR markers with some biochemical traits of <i>Valeriana jatamansi</i> Jones. <i>Industrial Crops and Products</i> , 2013, 44, 671-676.	5.2	67
6	Assessment of Antioxidant Properties in Fruits of <i>Myrica esculenta</i> : A Popular Wild Edible Species in Indian Himalayan Region. <i>Evidence-based Complementary and Alternative Medicine</i> , 2011, 2011, 1-8.	1.2	65
7	Diabetes and plant-derived natural products: From ethnopharmacological approaches to their potential for modern drug discovery and development. <i>Phytotherapy Research</i> , 2021, 35, 223-245.	5.8	60
8	<i>Valeriana jatamansi</i> : An herbaceous plant with multiple medicinal uses. <i>Phytotherapy Research</i> , 2019, 33, 482-503.	5.8	58
9	Variation in Chemical Constituents and Antioxidant Activity in Yellow Himalayan (<i>Rubus</i>) <i>Tj ETQq1 1 0.784314 rgBT /Overl</i> <i>Biochemistry</i> , 2015, 39, 663-672.	2.9	50
10	In vitro propagation, genetic and phytochemical assessment of <i>Habenaria edgeworthii</i> : an important <i>Astavarga</i> plant. <i>Acta Physiologiae Plantarum</i> , 2012, 34, 869-875.	2.1	47
11	Phytochemicals and antioxidants in leaf extracts of <i>Ginkgo biloba</i> with reference to location, seasonal variation and solvent system. <i>Journal of Pharmacy Research</i> , 2013, 7, 804-809.	0.4	43
12	<i>Hedychium spicatum</i> : a systematic review on traditional uses, phytochemistry, pharmacology and future prospectus. <i>Journal of Pharmacy and Pharmacology</i> , 2018, 70, 687-712.	2.4	32
13	Development of polymorphic EST-SSR markers and their applicability in genetic diversity evaluation in <i>Rhododendron arboreum</i> . <i>Molecular Biology Reports</i> , 2020, 47, 2447-2457.	2.3	32
14	Assessment of Nutritional and Antioxidant Potential of Selected Vitality Strengthening Himalayan Medicinal Plants. <i>International Journal of Food Properties</i> , 2014, 17, 703-712.	3.0	31
15	Anti-oxidant and anti-microbial properties of some ethno-therapeutically important medicinal plants of Indian Himalayan Region. <i>3 Biotech</i> , 2016, 6, 154.	2.2	28
16	Influence of Solvent Types and Source of Collection on Total Phenolic Content and Antioxidant Activities of <i>Acorus calamus</i> L.. <i>The National Academy of Sciences, India</i> , 2013, 36, 93-99.	1.3	27
17	Hairy root culture of <i>Picrorhiza kurroa</i> Royle ex Benth.: a promising approach for the production of picrotin and picrotoxinin. <i>Acta Physiologiae Plantarum</i> , 2011, 33, 1841-1846.	2.1	26
18	Genetic Diversity and Differentiation in <i>Hedychium spicatum</i> , a Valuable Medicinal Plant of Indian Himalaya. <i>Biochemical Genetics</i> , 2011, 49, 806-818.	1.7	23

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19	Variability in morphology, phytochemicals, and antioxidants in <i>Polygonatum verticillatum</i> (L.) All. populations under different altitudes and habitat conditions in Western Himalaya, India. <i>Environmental Monitoring and Assessment</i> , 2019, 191, 783.	2.7	21
20	Antioxidants in Medicinal Plants. , 2013, , 295-326.		19
21	Essential oil composition, phenolics and antioxidant activities of <i>Valeriana jatamansi</i> at different phenological stages. <i>Plant Biosystems</i> , 2021, 155, 891-898.	1.6	17
22	Effect of developmental stage on total phenolics composition and anti-oxidant activities in <i>Hedychium spicatum</i> Buch.-Ham. ex. D. Don.. <i>Journal of Horticultural Science and Biotechnology</i> , 2014, 89, 557-563.	1.9	16
23	Essential oil composition and antioxidant activity in <i>Valeriana jatamansi</i> Jones: influence of seasons and growing sources. <i>Journal of Essential Oil Research</i> , 2017, 29, 101-107.	2.7	15
24	Predicting the current and future suitable habitat distribution of the medicinal tree <i>Oroxylum indicum</i> (L.) Kurz in India. <i>Journal of Applied Research on Medicinal and Aromatic Plants</i> , 2021, 23, 100309.	1.5	15
25	Nutritional Composition of Seed Kernel and Oil of Wild Edible Plant Species from Western Himalaya, India. <i>International Journal of Fruit Science</i> , 2021, 21, 609-618.	2.4	14
26	Geographical and Environmental Variation in Chemical Constituents and Antioxidant Properties in <i>Roscoea procera</i> Wall. <i>Journal of Food Biochemistry</i> , 2017, 41, e12302.	2.9	12
27	Diversity of bioactive compounds and antioxidant activity in Delicious group of apple in Western Himalaya. <i>Journal of Food Science and Technology</i> , 2018, 55, 2587-2599.	2.8	12
28	Influence of the growth phenophases on the phenolic composition and anti-oxidant properties of <i>Roscoea procera</i> Wall. in western Himalaya. <i>Journal of Food Science and Technology</i> , 2018, 55, 578-585.	2.8	12
29	Genetic diversity analysis in natural populations of <i>Roscoea procera</i> Wall. from West Himalaya, India. <i>Revista Brasileira De Botanica</i> , 2016, 39, 621-630.	1.3	10
30	Physico-chemical properties and nutritional composition of fruits of the wild Himalayan strawberry (<i>Fragaria nubicola</i> Lindl.) in different ripening stages. <i>Journal of Berry Research</i> , 2021, 11, 481-496.	1.4	9
31	Cross-transferability of SSR markers developed in <i>Rhododendron</i> species of Himalaya. <i>Molecular Biology Reports</i> , 2020, 47, 6399-6406.	2.3	7
32	Variation in essential oil composition in rhizomes of natural populations of <i>Hedychium spicatum</i> in different environmental condition and habitats. <i>Journal of Essential Oil Research</i> , 2020, 32, 348-360.	2.7	7
33	Modeling the effect of climate change on the distribution of threatened medicinal orchid <i>Satyrium nepalense</i> D. Don in India. <i>Environmental Science and Pollution Research</i> , 2022, 29, 72431-72444.	5.3	7
34	Soil constituents influence accumulation of phytochemicals and nutritional content in <i>Wrightia tinctoria</i> of North Gujarat, India. <i>Indian Journal of Plant Physiology</i> , 2017, 22, 197-205.	0.8	6
35	Effects of genetic diversity and population structure on phenolic compounds accumulation in <i>Hedychium spicatum</i> . <i>Ecological Genetics and Genomics</i> , 2017, 3-5, 25-33.	0.5	6
36	Seasonal Variation in Phenolics and Antioxidant Activity of <i>Acorus calamus</i> Linn.: An Important Medicinal Plant of Himalaya. <i>The National Academy of Sciences, India</i> , 2021, 44, 13-15.	1.3	6

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37	Predicting the distributional range shifts of <i>Rhizocarpon geographicum</i> (L.) DC. in Indian Himalayan Region under future climate scenarios. <i>Environmental Science and Pollution Research</i> , 2022, 29, 61579-61593.	5.3	4
38	Himalayan bayberries. , 2020, , 457-465.		3
39	A Review on Phytochemistry, Nutritional Potential, Pharmacology, and Conservation of <i>Malaxis acuminata</i> : An Orchid with Rejuvenating and Vitality Strengthening Properties. <i>Reference Series in Phytochemistry</i> , 2020, , 1-19.	0.4	2
40	A Review on Phytochemistry, Nutritional Potential, Pharmacology, and Conservation of <i>Malaxis acuminata</i> : An Orchid with Rejuvenating and Vitality Strengthening Properties. <i>Reference Series in Phytochemistry</i> , 2022, , 415-433.	0.4	0