

Ashish R Warghat

List of Publications by Year in descending order

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32
papers

338
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933447

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888059

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36
all docs

36
docs citations

36
times ranked

231
citing authors

#	ARTICLE	IF	CITATIONS
1	Cambial meristematic cell culture: a sustainable technology toward <i>in vitro</i> specialized metabolites production. <i>Critical Reviews in Biotechnology</i> , 2023, 43, 734-752.	9.0	3
2	<i>In vitro</i> propagation and phyto-chemical assessment of <i>Cymbidium alofolium</i> (L.) Sw.: An orchid of pharma-horticultural importance. <i>South African Journal of Botany</i> , 2022, 144, 261-269.	2.5	12
3	Fruit derived callus and cell suspension culture as promising alternative sources for mogrosides production in <i>Siraitia grosvenorii</i> (Swingle) C. Jeffrey: a zero-caloric natural sweetener. <i>Journal of Food Composition and Analysis</i> , 2022, 108, 104450.	3.9	6
4	Enhanced Production of Phenylethanoids Mediated Through Synergistic Approach of Precursor Feeding and Light Regime in Cell Suspension Culture of <i>Rhodiola imbricata</i> (Edgew.). <i>Applied Biochemistry and Biotechnology</i> , 2022, 194, 3242-3260.	2.9	5
5	Comparative transcriptome and tissue-specific expression analysis of genes reveal tissue-cultured plants as an alternative source for phenylethanoids and phenylpropanoids in <i>Rhodiola imbricata</i> (Edgew.). <i>Gene</i> , 2022, 836, 146672.	2.2	6
6	Growth dynamics and differential accumulation of picosides and its precursor metabolites in callus cell lines of <i>Picrorhiza kurroa</i> with distinct anti-steatotic potential. <i>Process Biochemistry</i> , 2022, 120, 85-100.	3.7	3
7	Bioprocess development for enhancing cell biomass, differential picosides accumulation, and gene expression profiling at shake flask levels in suspension cultures of <i>Picrorhiza kurroa</i> . <i>Industrial Crops and Products</i> , 2022, 187, 115311.	5.2	1
8	<i>Fritillaria roylei</i> . , 2021, , 57-66.		4
9	Comparative transcriptome analysis infers bulb derived <i>in vitro</i> cultures as a promising source for sipeimine biosynthesis in <i>Fritillaria cirrhosa</i> D. Don (Liliaceae, syn. <i>Fritillaria roylei</i> Hook.) - High value Himalayan medicinal herb. <i>Phytochemistry</i> , 2021, 183, 112631.	2.9	20
10	Growth kinetics, metabolite yield, and expression analysis of biosynthetic pathway genes in friable callus cell lines of <i>Rhodiola imbricata</i> (Edgew.). <i>Plant Cell, Tissue and Organ Culture</i> , 2021, 146, 149-160.	2.3	9
11	Steviol glycoside accumulation and expression profiling of biosynthetic pathway genes in elicited <i>in vitro</i> cultures of <i>Stevia rebaudiana</i> . <i>In Vitro Cellular and Developmental Biology - Plant</i> , 2021, 57, 214-224.	2.1	6
12	Nutrient feeding approach enhances the vegetative growth biomass, volatile oil composition, and myristicin content in hydroponically cultivated <i>Petroselinum crispum</i> (Mill.) Nyman. <i>Journal of Applied Research on Medicinal and Aromatic Plants</i> , 2021, , 100359.	1.5	6
13	Metabolite and expression profiling of steroidal alkaloids in wild tissues compared to bulb derived <i>in vitro</i> cultures of <i>Fritillaria roylei</i> - High value critically endangered Himalayan medicinal herb. <i>Industrial Crops and Products</i> , 2020, 145, 111945.	5.2	32
14	Growth Kinetics, Metabolites Production and Expression Profiling of Picosides Biosynthetic Pathway Genes in Friable Callus Culture of <i>Picrorhiza kurroa</i> Royle ex Benth. <i>Applied Biochemistry and Biotechnology</i> , 2020, 192, 1298-1317.	2.9	15
15	Effect of Elicitors on Morpho-Physiological Performance and Metabolites Enrichment in <i>Valeriana jatamansi</i> Cultivated Under Aeroponic Conditions. <i>Frontiers in Plant Science</i> , 2020, 11, 01263.	3.6	13
16	Phenylethanoids, phenylpropanoids, and phenolic acids quantification vis-à-vis gene expression profiling in leaf and root derived callus lines of <i>Rhodiola imbricata</i> (Edgew.). <i>Industrial Crops and Products</i> , 2020, 154, 112708.	5.2	18
17	Enhancement of picosides content in <i>Picrorhiza kurroa</i> Royle ex Benth. mediated through nutrient feeding approach under aeroponic and hydroponic system. <i>Industrial Crops and Products</i> , 2019, 133, 160-167.	5.2	26
18	Altitudinal effect on sugar contents and sugar profiles in dried apricot (<i>Prunus armeniaca</i> L.) fruit. <i>Journal of Food Composition and Analysis</i> , 2019, 76, 27-32.	3.9	14

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19	Plant stem cells: what we know and what is anticipated. <i>Molecular Biology Reports</i> , 2018, 45, 2897-2905.	2.3	6
20	In Vitro Callus Induction and Plantlet Regeneration of <i>Saussurea lappa</i> (Clarke.) from Ladakh Region of India. <i>Proceedings of the National Academy of Sciences India Section B - Biological Sciences</i> , 2016, 86, 651-660.	1.0	2
21	Effect of various dormancy breaking treatments on seed germination, seedling growth and seed vigour of medicinal plants. <i>Tropical Plant Research</i> , 2016, 3, 508-516.	0.4	8
22	High phenotypic variation in <i>Morus alba</i> L. along an altitudinal gradient in the Indian trans-Himalaya. <i>Journal of Mountain Science</i> , 2015, 12, 446-455.	2.0	11
23	In vitro protocorm development and mass multiplication of an endangered orchid, <i>Dactylorhiza hatagirea</i> . <i>Turkish Journal of Botany</i> , 2014, 38, 737-746.	1.2	29
24	Structure and Genetic Diversity of Natural Populations of <i>Morus alba</i> in the Trans-Himalayan Ladakh Region. <i>Biochemical Genetics</i> , 2014, 52, 137-152.	1.7	41
25	Effect of Salicylic Acid on the Activity of PAL and PHB Geranyltransferase and Shikonin Derivatives Production in Cell Suspension Cultures of <i>Arnebia euchroma</i> (Royle) Johnston a Medicinally Important Plant Species. <i>Applied Biochemistry and Biotechnology</i> , 2014, 173, 248-258.	2.9	9
26	Variability and relationship of fruit color and sampling location with antioxidant capacities and bioactive content in <i>Morus alba</i> L. fruit from trans-Himalaya, India. <i>LWT - Food Science and Technology</i> , 2014, 59, 981-988.	5.2	7
27	Detecting molecular signatures of natural selection in <i>Morus alba</i> populations from trans-Himalaya. <i>Journal of Systematics and Evolution</i> , 2014, 52, 589-597.	3.1	0
28	Population genetic structure and conservation of small fragmented locations of <i>Dactylorhiza hatagirea</i> in Ladakh region of India. <i>Scientia Horticulturae</i> , 2013, 164, 448-454.	3.6	19
29	Genetic diversity and population structure of <i>Dactylorhiza hatagirea</i> (Orchidaceae) in cold desert Ladakh region of India.. <i>Journal of Medicinal Plants Research</i> , 2012, 6, .	0.4	2
30	Genetic diversity among natural populations of <i>Rhodiola imbricata</i> Edgew. from trans- Himalayan cold arid desert using random amplified polymorphic DNA (RAPD) and inter simple sequence repeat (ISSR) markers. <i>Journal of Medicinal Plants Research</i> , 2012, 6, .	0.4	1
31	Carbon sequestration potential of <i>Scenedesmus</i> species (Microalgae) under the fresh water ecosystem. <i>African Journal of Agricultural Research</i> Vol Pp, 2012, 7, .	0.5	0
32	Morphometric analysis of <i>Dactylorhiza hatagirea</i> (D. Don), a critically endangered orchid in cold desert Ladakh region of India. <i>African Journal of Biotechnology</i> , 2012, 11, .	0.6	2