# Ashish R Warghat

List of Publications by Year
in descending order



| 32 | 338 | 933447 10 | 888059 17 |
|---|---|---|---|
| papers | citations | h-index | g-index |

| 36 | 36 | 36 | 231 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Structure and Genetic Diversity of Natural Populations of Morus alba in the Trans-Himalayan Ladakh Region. Biochemical Genetics, 2014, 52, 137-152. | 1.7 | 41 |
| 2 | Metabolite and expression profiling of steroidal alkaloids in wild tissues compared to bulb derived in vitro cultures of Fritillaria roylei â€“ High value critically endangered Himalayan medicinal herb. Industrial Crops and Products, 2020, 145, 111945. | 5.2 | 32 |
| 3 | In vitro protocorm development and mass multiplication of an endangered orchid, Dactylorhiza hatagirea. Turkish Journal of Botany, 2014, 38, 737-746. | 1.2 | 29 |
| 4 | Enhancement of picrosides content in Picrorhiza kurroa Royle ex Benth. mediated through nutrient feeding approach under aeroponic and hydroponic system. Industrial Crops and Products, 2019, 133, 160-167. | 5.2 | 26 |
| 5 | Comparative transcriptome analysis infers bulb derived in vitro cultures as a promising source for sipeimine biosynthesis in Fritillaria cirrhosa D. Don (Liliaceae, syn. Fritillaria roylei Hook.) - High value Himalayan medicinal herb. Phytochemistry, 2021, 183, 112631. | 2.9 | 20 |
| 6 | Population genetic structure and conservation of small fragmented locations of Dactylorhiza hatagirea in Ladakh region of India. Scientia Horticulturae, 2013, 164, 448-454. | 3.6 | 19 |
| 7 | Phenylethanoids, phenylpropanoids, and phenolic acids quantification vis-Ã-vis gene expression profiling in leaf and root derived callus lines of Rhodiola imbricata (Edgew.). Industrial Crops and Products, 2020, 154, 112708. | 5.2 | 18 |
| 8 | Growth Kinetics, Metabolites Production and Expression Profiling of Picrosides Biosynthetic Pathway Genes in Friable Callus Culture of Picrorhiza kurroa Royle ex Benth. Applied Biochemistry and Biotechnology, 2020, 192, 1298-1317. | 2.9 | 15 |
| 9 | Altitudinal effect on sugar contents and sugar profiles in dried apricot (Prunus armeniaca L.) fruit. Journal of Food Composition and Analysis, 2019, 76, 27-32. | 3.9 | 14 |
| 10 | Effect of Elicitors on Morpho-Physiological Performance and Metabolites Enrichment in Valeriana jatamansi Cultivated Under Aeroponic Conditions. Frontiers in Plant Science, 2020, 11, 01263. | 3.6 | 13 |
| 11 | In vitro propagation and phyto-chemical assessment of Cymbidium aloifolium (L.) Sw.: An orchid of pharma-horticultural importance. South African Journal of Botany, 2022, 144, 261-269. | 2.5 | 12 |
| 12 | High phenotypic variation in Morus alba L. along an altitudinal gradient in the Indian trans-Himalaya. Journal of Mountain Science, 2015, 12, 446-455. | 2.0 | 11 |
| 13 | Effect of Salicylic Acid on the Activity of PAL and PHB Geranyltransferase and Shikonin Derivatives Production in Cell Suspension Cultures of Arnebia euchroma (Royle) Johnstâ€"a Medicinally Important Plant Species. Applied Biochemistry and Biotechnology, 2014, 173, 248-258. | 2.9 | 9 |
| 14 | Growth kinetics, metabolite yield, and expression analysis of biosynthetic pathway genes in friable callus cell lines of Rhodiola imbricata (Edgew). Plant Cell, Tissue and Organ Culture, 2021, 146, 149-160. | 2.3 | 9 |
| 15 | Effect of various dormancy breaking treatments on seed germination, seedling growth and seed vigour of medicinal plants. Tropical Plant Research, 2016, 3, 508-516. | 0.4 | 8 |
| 16 | Variability and relationship of fruit color and sampling location with antioxidant capacities and bioactive content in Morus alba L. fruit from trans-Himalaya, India. LWT - Food Science and Technology, 2014, 59, 981-988. | 5.2 | 7 |
| 17 | Plant stem cells: what we know and what is anticipated. Molecular Biology Reports, 2018, 45, 2897-2905. | 2.3 | 6 |
| 18 | Steviol glycoside accumulation and expression profiling of biosynthetic pathway genes in elicited in vitro cultures of Stevia rebaudiana. In Vitro Cellular and Developmental Biology - Plant, 2021, 57, 214-224. | 2.1 | 6 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Nutrient feeding approach enhances the vegetative growth biomass, volatile oil composition, and myristicin content in hydroponically cultivated Petroselinum crispum (Mill.) Nyman. Journal of Applied Research on Medicinal and Aromatic Plants, 2021, , 100359. | 1.5 | 6 |
| 20 | Fruit derived callus and cell suspension culture as promising alternative sources for mogrosides production in Siraitia grosvenorii (Swingle) C. Jeffrey: a zero-caloric natural sweetener. Journal of Food Composition and Analysis, 2022, 108, 104450. | 3.9 | 6 |
| 21 | Comparative transcriptome and tissue-specific expression analysis of genes reveal tissue-cultured plants as an alternative source for phenylethanoids and phenylpropanoids in Rhodiola imbricata (Edgew.). Gene, 2022, 836, 146672. | 2.2 | 6 |
| 22 | Enhanced Production of Phenylethanoids Mediated Through Synergistic Approach of Precursor Feeding and Light Regime in Cell Suspension Culture of Rhodiola imbricata (Edgew.). Applied Biochemistry and Biotechnology, 2022, 194, 3242-3260. | 2.9 | 5 |
| 23 | Fritillaria roylei. , 2021, , 57-66. | | 4 |
| 24 | Cambial meristematic cell culture: a sustainable technology toward inÂvitro specialized metabolites production. Critical Reviews in Biotechnology, 2023, 43, 734-752. | 9.0 | 3 |
| 25 | Growth dynamics and differential accumulation of picrosides and its precursor metabolites in callus cell lines of Picrorhiza kurroa with distinct anti-steatotic potential. Process Biochemistry, 2022, 120, 85-100. | 3.7 | 3 |
| 26 | Genetic diversity and population structure of Dactylorhiza hatagirea (Orchidaceae) in cold desert Ladakh region of India.. Journal of Medicinal Plants Research, 2012, 6, . | 0.4 | 2 |
| 27 | In Vitro Callus Induction and Plantlet Regeneration of Saussurea lappa (Clarke.) from Ladakh Region of India. Proceedings of the National Academy of Sciences India Section B - Biological Sciences, 2016, 86, 651-660. | 1.0 | 2 |
| 28 | Morphometric analysis of Dactylorhiza hatagirea (D. Don), a critically endangered orchid in cold desert Ladakh region of India. African Journal of Biotechnology, 2012, 11, . | 0.6 | 2 |
| 29 | Genetic diversity among natural populations of Rhodiola imbricata Edgew. from trans- Himalayan cold arid desert using random amplified polymorphic DNA (RAPD) and inter simple sequence repeat (ISSR) markers. Journal of Medicinal Plants Research, 2012, 6, . | 0.4 | 1 |
| 30 | Bioprocess development for enhancing cell biomass, differential picrosides accumulation, and gene expression profiling at shake flask levels in suspension cultures of Picrorhiza kurroa. Industrial Crops and Products, 2022, 187, 115311. | 5.2 | 1 |
| 31 | Detecting molecular signatures of natural selection in Morus alba populations from transâ€Himalaya. Journal of Systematics and Evolution, 2014, 52, 589-597. | 3.1 | 0 |
| 32 | Carbon sequestration potential of Scenedesmus species (Microalgae) under the fresh water ecosystem. African Journal of Agricultural Research Vol Pp, 2012, 7, . | 0.5 | 0 |