Bijaya Pant

List of Publications by Year in descending order

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37 papers	759 citations	567281 15 h-index	580821 25 g-index
37 all docs	37 docs citations	37 times ranked	584 citing authors

#	Article	IF	Citations
1	Micropropagation, antioxidant and anticancer activity of pineapple orchid: Dendrobium densiflorum Lindl. Journal of Plant Biochemistry and Biotechnology, 2022, 31, 399-409.	1.7	7
2	Elicitation and plant growth hormone-mediated adventitious root cultures for enhanced valepotriates accumulation in commercially important medicinal plant Valeriana jatamansi Jones. Acta Physiologiae Plantarum, 2022, 44, 1.	2.1	9
3	Traditionally Used Medicinal Dendrobium: A Promising Source of Active Anticancer Constituents. Reference Series in Phytochemistry, 2022, , 389-414.	0.4	0
4	Orchids of Genus Vanda: Traditional Uses, Phytochemistry, Bioactivities, and Commercial Importance. Reference Series in Phytochemistry, 2022, , 591-605.	0.4	0
5	Bioactive secondary metabolites in Paris polyphylla Sm. and their biological activities: A review. Heliyon, 2022, 8, e08982.	3.2	19
6	Colonization with non-mycorrhizal culturable endophytic fungi enhances orchid growth and indole acetic acid production. BMC Microbiology, 2022, 22, 101.	3.3	7
7	Comparative Cytotoxic Activity of Wild Harvested Stems and In Vitro-Raised Protocorms of Dendrobium chryseum Rolfe in Human Cervical Carcinoma and Glioblastoma Cell Lines. Advances in Pharmacological and Pharmaceutical Sciences, 2021, 2021, 1-8.	1.3	4
8	Orchids as Potential Sources of Anticancer Agents: Our Experience. Annapurna Journal of Health Sciences, 2021, 1, 42-51.	0.0	2
9	A prospectus of plant growth promoting endophytic bacterium from orchid (Vanda cristata). BMC Biotechnology, 2021, 21, 16.	3.3	21
10	Assessment of genetic stability of micropropagated plants of Rhynchostylis retusa (L.) using RAPD markers. Scientia Horticulturae, 2021, 281, 110008.	3.6	23
11	Antioxidant, anticancer and antimicrobial effects of In vitro developed protocorms of Dendrobium longicornu. Biotechnology Reports (Amsterdam, Netherlands), 2020, 28, e00527.	4.4	8
12	Effects of sodium nitroprusside and growth regulators on callus, multiple shoot induction and tissue browning in commercially important Valeriana jatamansi Jones. Plant Cell, Tissue and Organ Culture, 2020, 142, 653-660.	2.3	17
13	Cytotoxic effect of selected wild orchids on two different human cancer cell lines. Heliyon, 2020, 6, e03991.	3.2	18
14	In vitro propagation of the endangered orchid Dendrobium chryseum Rolfefrom protocorms culture. Nepal Journal of Science and Technology, 2020, 19, 39-47.	0.2	16
15	Isolation, characterization, and plant growth-promoting activities of endophytic fungi from a wild orchid Vanda cristata. Plant Signaling and Behavior, 2020, 15, 1744294.	2.4	42
16	Traditionally Used Medicinal Dendrobium: A Promising Source of Active Anticancer Constituents. Reference Series in Phytochemistry, 2020, , 1-26.	0.4	4
17	Ex-situ conservation and cytotoxic activity assessment of native medicinal orchid: Coelogyne stricta. Journal of Plant Biotechnology, 2020, 47, 330-336.	0.4	3
18	Assessment of Antioxidant and Cytotoxic Activities of Extracts of Dendrobium crepidatum. Biomolecules, 2019, 9, 478.	4.0	40

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19	Piriformospora indica promotes the growth of the in-vitro-raised Cymbidium aloifolium plantlet and their acclimatization. Plant Signaling and Behavior, 2019, 14, 1596716.	2.4	24
20	Isolation and Characterization of Plant Growth-Promoting Endophytic Fungi from the Roots of Dendrobium moniliforme. Plants, 2019, 8, 5.	3.5	70
21	<i>In Vitro</i> Propagation of Endangered Orchid, <i>Vanda pumila</i> Hook.f. through Protocorms Culture. American Journal of Plant Sciences, 2019, 10, 1220-1232.	0.8	17
22	Antioxidant and cytotoxic activities of Dendrobium moniliforme extracts and the detection of related compounds by GC-MS. BMC Complementary and Alternative Medicine, 2018, 18, 134.	3.7	36
23	An Overview on Orchid Endophytes. , 2017, , 503-524.		18
24	Cytotoxic Activity of Antioxidant-Riched Dendrobium longicornu. Pharmacognosy Journal, 2017, 9, 499-503.	0.8	13
25	In vitro Mass Propagation of an Epiphytic Orchid, Cymbidium aloifolium (L.) Sw., through Protocorm Culture. Biotechnology Journal International, 2017, 19, 1-6.	0.2	8
26	Production of virus-free orchid Cymbidium aloifolium (L.) Sw. by various tissue culture techniques. Heliyon, 2016, 2, e00176.	3.2	20
27	In vitro germination and propagation of a threatened medicinal orchid, Cymbidium aloifolium (L.) Sw. through artificial seed. Asian Pacific Journal of Tropical Biomedicine, 2014, 4, 971-976.	1.2	38
28	Application of Plant Cell and Tissue Culture for the Production of Phytochemicals in Medicinal Plants. Advances in Experimental Medicine and Biology, 2014, 808, 25-39.	1.6	35
29	Developmental stage-dependent differential gene expression of superoxide dismutase isoenzymes and their localization and physical interaction network in rice (Oryza sativa L.). Genes and Genomics, 2014, 36, 45-55.	1.4	36
30	Medicinal orchids and their uses: Tissue culture a potential alternative for conservation. African Journal of Plant Science, 2013, 7, 448-467.	0.7	129
31	Micropropagation of Cymbidium iridioides. Nepal Journal of Science and Technology, 2012, 12, 91-96.	0.2	16
32	<i>In vitro</i> seed germination and seedling development of <i>Phaius tancarvilleae</i> (Lâ€™Her.) Blume.. Scientific World, 2011, 9, 50-52.	0.3	16
33	<i>In vitro</i> seed germination in <i>Cymbidium elegans</i> Lindl. and <i>Dendrobium densiflorum</i> Lindl. ex Wall. (Orchidaceae). Botanica Orientalis Journal of Plant Science, 0, 6, 100-102.	0.0	10
34	Production of bergenin, an active chemical constituent in the callus of Bergenia ciliata (Haw.) Sternb.. Botanica Orientalis Journal of Plant Science, 0, 8, 40-44.	0.0	8
35	Antioxidant activity and total phenolic and flavonoid contents of Dendrobium amoenum Wall. ex Lindl.. Botanica Orientalis Journal of Plant Science, 0, 9, 20-26.	0.0	12
36	Cytotoxic activity of crude extracts of Dendrobium amoenum and detection of bioactive compounds by GC-MS. Botanica Orientalis Journal of Plant Science, 0, 11, 38-42.	0.0	11

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37	Non-symbiotic Seed Germination and In vitro Plant Development of Pholidota articulata. Nepalese Horticulture, 0, 15, 44-51.	0.1	2