

List of Publications

S. No.	Title of the Paper	Journal Name	Year	Vol. No.	Page No.	ISSN No.	Impact Factor (2021)	SCOPUS Indexed	Authorship	Reference number of UGC - CARE List
1.	Protonemal gemmae in the moss <i>Trematodon brevicalyx</i> Dixon.	Journal of Bryology	1983	12	57 1- 57 3	0373-6687	1.361	Yes	First Author	Group II
2.	Studies on bud induction in the moss <i>Trematodon brevicalyx</i> Dixon.	New Phytologist	1984	97	61 3- 62 0	0028-646X (Print) 1469-8137 (Online)	10.151	Yes	One of the two authors	Group II
3	Production of protonemal gemmae in the moss <i>Semibarbula orientalis</i> (Web.) Wijk & Marg.	Journal of Bryology	1985	13	53 3- 53 5	0373-6687 (Print) 1743-2820 (Online)	1.361	Yes	First Author	Group II
4.	Induction of callus in the liverwort <i>Marchantia palmata</i> Nees.	Journal of Bryology	1985	13	58 5- 59 0	0373-6687 (Print) 1743-2820 (Online)	1.361	Yes	First Author	Group II
5.	Studies on callus induction, its growth and differentiation in <i>Marchantia palmata</i> Nees. I. Effect of some amino acids, complex organic substances and activated charcoal.	Journal of the Hattori Botanical Laboratory (Hattoria)	1986	60	19 3- 20 2.	00073-0912 (Print) 2432-8944 (Online)	-	No	One of the two authors	Peer Reviewed
6.	Influence of <i>Aerobacter aerogenase</i> on <i>in vitro</i> morphogenetic behaviour of <i>Philonotis lancifolia</i> Mitt	Current Science	1986	55	10 97 - 10 98	0011-3891 (Print)	1.102	Yes	Sole author	Group II
7.	Studies on callus induction, its growth and differentiation in <i>Marchantia palmata</i> Nees. II. Effect of some growth regulators	Beiträge zur Biologie der Pflanzen (Founded in 1870 and discontinued in 2004)	1986	61	46 7- 47 6	005-8041	-	No	First author	Peer-reviewed
8.	Studies on bud induction in the moss <i>Hymenostomum edentulum</i> (Mitt.) Besch.	Journal of the Hattori Botanical Laboratory (Hattoria)	1986	61	93 - 99	00073-0912 (Print) 2432-8944 (Online)	-	No	Sole author	Peer-reviewed

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9.	<i>In vitro</i> behaviour of gemmae in <i>Trematodon brevicalyx</i> and <i>Semibarbula orientalis</i> I. Effect of light and some growth regulators	Journal of the Hattori Botanical Laboratory (Hattoria)	1988	64	41 1- 42 7	00073-0912 (Print) 2432-8944 (Online)	-	No	Sole author	Peer reviewed
10.	Studies on protonemal differentiation and bud formation in <i>Philonotis lancifolia</i> Mitt. I. Effect of some growth regulators	Cryptogamie, Bryologie-Lichénologie (Cryptogamie, Bryologie)	1988	9	24 1- 25 4	1290-6796 (Print), 1776-0992 (Online)	0.661	Yes	One of the two authors	Group II
11.	Effect of some growth regulators on protonemal growth and bud induction in two mosses: <i>Philonotis lancifolia</i> and <i>Trematodon brevicalyx</i>	Phytomorphology	1988	38	29 9- 30 7	ISSN 2226-3063, eISSN 2227-9555	-	Yes	Sole author	Group II
12.	<i>In vitro</i> behaviour of gemmae in <i>Trematodon brevicalyx</i> and <i>Semibarbula orientalis</i> II. Effect of activated charcoal, coconut milk, octopine and tryptophan	Journal of the Hattori Botanical Laboratory (Hattoria)	1989	66	29 9- 30 6	00073-0912 (Print) 2432-8944 (Online)	-	No	Sole author	Peer reviewed
13.	Studies on protonemal differentiation, bud and gemma formation in <i>Trematodon brevicalyx</i> : Effect of interaction of kinetin with tryptophan and PCIB	Phytomorphology	1990	40	65 - 68	ISSN 2226-3063, eISSN 2227-9555	-	Yes	First author	Group II
14.	Effect of sucrose on morphogenesis of isolated cells of <i>Marchantia palmata</i> Nees	Phytomorphology	1991	41	12 9- 13 2	ISSN 2226-3063, eISSN 2227-9555	-	Yes	Sole author	Group II
15.	Studies on protonemal differentiation and bud formation in <i>Philonotis lancifolia</i> Mitt. and <i>Trematodon brevicalyx</i>	Journal of the Hattori Botanical Laboratory (Hattoria)	1992	71	37 - 45	00073-0912 (Print) 2432-8944 (Online)	-	No	One of the two authors	Peer reviewed

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	Dixon: Effect of some purine derivatives									
16.	Cost effective <i>in vitro</i> multiplication and phenolic profile of an important medicinal orchid, <i>Satyrium nepalense</i> D. Don,	Journal of Biologically Active Products from Nature	2021	11	162-182.	Print ISSN: 2231-1866 Online ISSN: 2231-1874	-	Yes	Co-author	Group II
17.	<i>In Vitro</i> androgenesis in anther cultures of <i>Crataeva nurvala</i> Buch. Ham.	Phytomorphology	2021	71	81 - 89	2226-3063 (Print) 2227-9555 (Online)	-	Yes	Corresponding author	Group II
18.	Arbuscular mycorrhiza facilitates growth of micropropagated plants and seedlings of black plum, <i>Syzygium cuminii</i> (L.) Skeels	Kavaka	2021	57	66 - 73	0379-5179	-	No	Corresponding author	Group I K14
19.	Authentication and deciphering interrelationships of <i>Hippophae</i> species using DNA Barcodes.	Nucleus	2022	https://doi.org/10.1007/s13237-021-00382-z		0976-7975 (Online) 0029-568X (Print)	1.8	Yes	Co-author	Group II

Chapter in Edited Books

S.No.	Title of Edited Book	Title of Chapter	Authorship *	Publisher (with city/country) & Year of Publication	ISBN	Whether Refereed
1.	Bryophyte Development: Physiology and Biochemistry	Growth Regulating Substances in Mosses	One of the two authors	CRC Press, Florida, 1990	0-8493-5289-4	Yes
2.	Advances in Life Sciences: Professor MU Charaya Felicitation Volume	DNA Barcoding in Species Identification <i>Sans</i> Physical Presence	Co-author	SR Scientific Publications, New Delhi-Agra, 2018	978-9383774-289	No
3.	New Vistas in Indian Flora	DNA Barcoding of	Co-author	M/s Bishen Singh	978-81-943323-	No

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		Medicinal Plants		Mahender Pal Singh, Dehradun, 2021	5-0	
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