
Bibliography of
Published Research Papers, Articles,
Books and Other Publications
From 1989 to August 2023
(Year-wise)

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Mahesh Chandra Sati



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- 1 **Research Papers in Impact Factor Journals (As per Thomson Reuters List) (1074)**
Total Impact Factor (3497.942)
- 2 **Research Papers in Non Impact Factor Journals (898)**
- 3 **Chapter in Books/Proceedings (1063)**
- 4 **Authored/Edited Books/Booklets/Monographs (336)**
 - 4a **Authored/Edited Books Published by G.B.P.N.I.H.E. (102)**
 - 4b **Booklets (128)**
 - 4c **Monographs Published by G.B.P.N.I.H.E. (20)**
 - 4d **Books by Institute Staff Published by Outside Agencies (46)**
 - 4e **G.B. Pant Memorial/Popular Lectures (40)**
- 5 **Popular Articles (1099)**
- 6 **Bulletins/Newsletters/Bibliographies (190 Volumes)**

Category	Year	Impact Factor 2022	Details of Document
1	2023	6	Adhikari, P., K. Joshi and A. Pandey (2023). Taxus associated fungal endophytes: anticancerous to other biological activities. <i>Fungal Biology Reviews</i> 45: Article 100308, doi: 10.1016/j.fbr.2023.100308
1	2023	2.9	Adhikari, P., V. Agnihotri, S.K. Suman and A. Pandey (2023). Deciphering the Antimicrobial Potential of Taxus wallichiana Zucc: Identification and Characterization Using Bioassay-Guided Fractionation. <i>Chemistry & Biodiversity</i> 20(1): Article e202200572, doi: 10.1002/cbdv.202200572
1	2023	1.1	Bahukhandi, A., D.C. Attri and I.D. Bhatt (2023). Assessment of Antioxidant Properties of Elaeagnus latifolia L.: An Important Wild Edible Fruit Species of Western Himalaya. <i>National Academy Science Letters</i> 46(1): 55-59pp, doi: 10.1007/s40009-022-01182-y
1	2023	6.5	Bahukhandi, A., K. Joshi, P. Kewlani, D.C. Tiwari, A.K. Jugran and I.D. Bhatt (2023). Comparative assessment of morphological, physiological and phytochemical attributes of cultivated Valeriana jatamansi Jones in Uttarakhand, West Himalaya. <i>Plant Physiology and Biochemistry</i> 200: Article 107751, doi: 10.1016/j.plaphy.2023.107751
1	2023	3.1	Baksi, S., D. Saha, S. Saha, U. Sarkar, D. Basu and J.C. Kuniyal (2023). Pre-treatment of lignocellulosic biomass: review of various physico-chemical and biological methods influencing the extent of biomass depolymerization. <i>International Journal of Environmental Science and Technology</i> 20, Published 20 February 2023, doi: 10.1007/s13762-023-04838-4
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1	2023	9.8	Bhattacharya, A., R. Dhyani, R. Joshi, M. Shekhar, J.C. Kuniyal, P.S. Ranhotra and S.P. Singh (2023). Is survival of Himalayan Cedar (Cedrus deodara) threatened? An evaluation based on predicted scenarios of its growth trend under future climate change. <i>Science of the Total Environment</i> , Article 163630, Available online 20 April 2023, doi: 10.1016/j.scitotenv.2023.163630

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1	2023	2.9	Choudhary, N., A. Rai, J.C. Kuniyal, P. Srivastava, R. Lata, M. Dutta, A. Ghosh, S. Dey, S. Sarkar, S. Gupta, S. Chaudhary, I. Thakur, A. Bawari, M. Naja, N. Vijayan, A. Chatterjee, T.K. Mandal, S.K. Sharma and R.K. Kotnala (2023). Chemical Characterization and Source Apportionment of PM10 Using Receptor Models over the Himalayan Region of India. <i>Atmosphere</i> 14(5): Article 880, doi: 10.3390/atmos14050880
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1	2023	7.7	Da, W., S.K. Rana, K. Bawa, K. Kunte and Z. Wang (2023). Roof of the world: Home and border in the genomic era. <i>Molecular Ecology Resources</i> , First published: 28 June 2023, doi: 10.1111/1755-0998.13827
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1	2023	3.2	Dhyani, R., A. Bhattacharyya, R. Joshi, M. Shekhar, J.C. Kuniyal and P.S. Ranhotra (2023). Tree rings of Rhododendron arboreum portray signal of monsoon precipitation in the Himalayan region. <i>Frontiers in Forests and Global Change</i> 5: Article 1044182, doi: 10.3389/ffgc.2022.1044182
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1	2023	3.9	Joshi, K., A.K. Jugran and I.D. Bhatt (2023). Age-dependent variations in bioactive compounds in the roots of Himalayan peony (Paeonia emodi Royle). <i>Journal of Applied Research on Medicinal and Aromatic Plants</i> , Available online 28 March 2023, Article 100479, doi: 10.1016/j.jarmap.2023.100479

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1	2023	3.9	Khan, S., K.S. Gaira, M. Asgher, S. Verma, S. Pant, D.K. Agrawala, S. Alamri, M.H. Siddiqui and M.S. Kesawat (2023). Temperature Induced Flowering Phenology of <i>Olea ferruginea</i> Royle: A Climate Change Effect. <i>Sustainability</i> 15(8): Article 6936, doi: 10.3390/su15086936
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1	2023	4	Khoshru, B., D. Mitra, K. Joshi, P. Adhikari, M.S.I. Rion, A.E. Fadji, M. Alizadeh, A. Priyadarshini, A. Senapati, M.R. Sarikhani, P. Panneerselvam, P.K.D. Mohapatra, S. Sushkova, T. Minkina and C. Keswani (2023). Decrypting the multi-functional biological activators and inducers of defense responses against biotic stresses in plants. <i>Heliyon</i> 9(3): Article e13825, doi: 10.1016/j.heliyon.2023.e13825
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1	2023	3.1	Raju, A., S. Sijkumar, P.K.D. Burman, V. Valsala, Y.K. Tiwari, S. Mukherjee, P. Lohani and K. Kumar (2023). Very high-resolution Net Ecosystem Exchange over India using Vegetation Photosynthesis and Respiration Model (VPRM) simulations. <i>Ecological Modelling</i> 481: Article 110340, doi: 10.1016/j.ecolmodel.2023.110340
1	2023	1.6	Rawat, M., R. Pandey, I.D. Bhatt and J. Alatalo (2023). Functionality of the temperate forests in the Western Himalaya with changing climate. <i>Tropical Ecology</i> Published: 20 April 2023, doi: 10.1007/s42965-023-00296-8
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1	2023	4.6	Sofi, M.S., A. Hamid, S.U. Bhat, I. Rashid and J.C. Kuniyal (2023). Understanding the role of natural and anthropogenic forcings in structuring the periphytic algal assemblages in a regulated river ecosystem. <i>Scientific Reports</i> 13: Article 1882, doi: 10.1038/s41598-023-27773-3
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