

**Swami Rama Himalayan University**  
**Himalayan School of Biosciences**  
**Publication 2023**

S. No.	Publication Type	Pubmed ID	Publication Title	Author/s Name	Institutional affiliation as mentioned in the publication	Journal Name	Year	ISBN/ISSN NUMBER	Indexing
1	Article	NA	Withania somnifera extract reduces gastric cancerous properties through inhibition of gankyrin in cellular milieu produced by Helicobacter pylori and Epstein Barr virus	Kashyap D.; Roy R.; Varshney N.; Baral B.; Bagde P.H.; Kandpal M.; Kumar S.; Kar P.; Jha H.C.	Kashyap D., Department of Biosciences and Biomedical Engineering, Indian Institute of Technology Indore, Indore, India; Roy R., Department of Biosciences and Biomedical Engineering, Indian Institute of Technology Indore, Indore, India; Varshney N., Department of Biosciences and Biomedical Engineering, Indian Institute of Technology Indore, Indore, India; Baral B., Department of Biosciences and Biomedical Engineering, Indian Institute of Technology Indore, Indore, India; Bagde P.H., Department of Biosciences and Biomedical Engineering, Indian Institute of Technology Indore, Indore, India; Kandpal M., Department of Biosciences and Biomedical Engineering, Indian Institute of Technology Indore, Indore, India; Kumar S., Himalayan School of Biosciences, Swami Rama Himalayan University, Dehradun, India; Kar P., Department of Biosciences and Biomedical Engineering, Indian Institute of Technology Indore, Indore, India; Jha H.C., Department of Biosciences and Biomedical Engineering, Indian Institute of Technology Indore, Indore, India	Journal of Biomolecular Structure and Dynamics	2023	7391102	Scopus

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2	Review	NA	A Comprehensive Review Uncovering the Challenges and Advancements in the In Vitro Propagation of Eucalyptus Plantations	Sharma V.; Ankita; Karnwal A.; Sharma S.; Kamal B.; Jadon V.S.; Gupta S.; Sivanasen I.	Sharma V., School of Bioengineering and Bioscience, Lovely Professional University, Punjab, Phagwara, 144411, India; Ankita, School of Bioengineering and Bioscience, Lovely Professional University, Punjab, Phagwara, 144411, India; Karnwal A., School of Bioengineering and Bioscience, Lovely Professional University, Punjab, Phagwara, 144411, India; Sharma S., School of Bioengineering and Bioscience, Lovely Professional University, Punjab, Phagwara, 144411, India; Kamal B., DBS (PG) College, Uttarakhand, Dehradun, 248001, India; Jadon V.S., Himalayan School of Biosciences, Swami Rama Himalayan University, Jolly Grant, Uttarakhand, Dehradun, 248016, India; Gupta S., Himalayan School of Biosciences, Swami Rama Himalayan University, Jolly Grant, Uttarakhand, Dehradun, 248016, India; Sivanasen I., Department of Bioresource and Food Science, Institute of Natural Science and Agriculture, Konkuk University, Seoul, 05029, South Korea	Plants	2023	22237747	Scopus
3	Review	NA	A critical review on green approaches in shape and size evolution of metal nanoparticles and their environmental applications	Kumari M.; Pandey S.; Giri V.P.; Nautiyal C.S.; Mishra A.	Kumari M., Division of Microbial Technology, CSIR-National Botanical Research Institute, Lucknow, 226001, India, Academy of Scientific and Innovative Research (AcSIR), Ghaziabad, 201002, India, Department of Biochemistry, Indian Institute of Sciences, Bengaluru, 560012, India; Pandey S., Division of Microbial Technology, CSIR-National Botanical Research Institute, Lucknow, 226001, India, Academy of Scientific and Innovative Research (AcSIR), Ghaziabad, 201002, India; Giri V.P., Division of Microbial Technology, CSIR-National Botanical Research Institute, Lucknow, 226001, India; Nautiyal C.S., Division of Microbial Technology, CSIR-National Botanical Research Institute, Lucknow, 226001, India, Swami Rama Himalayan University, Jolly Grant, Dehradun, 248016, India; Mishra A., Division of Microbial Technology, CSIR-National Botanical Research Institute, Lucknow, 226001, India, Academy of Scientific and Innovative Research (AcSIR), Ghaziabad, 201002, India	Environmental Nanotechnology, Monitoring and Management	2023	22151532	Scopus

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4	Review	NA	A critical review on therapeutic approaches of CRISPR-Cas9 in diabetes mellitus	Bora J.; Dey A.; Lyngdoh A.R.; Dhasmana A.; Ranjan A.; Kishore S.; Rustagi S.; Tuli H.S.; Chauhan A.; Rath P.; Malik S.	Bora J., Amity Institute of Biotechnology, Amity University Jharkhand, Ranchi, 834001, India; Dey A., Department of Biochemistry, North Eastern Hill University, Meghalaya, Shillong, 793022, India; Lyngdoh A.R., Department of Biochemistry, North Eastern Hill University, Meghalaya, Shillong, 793022, India; Dhasmana A., Himalayan School of Biosciences, Swami Rama Himalayan University, Jolly Grant, Uttarakhand, Dehradun, India; Ranjan A., Academy of Biology and Biotechnology, Southern Federal University, Stachki 194/1, Rostov-On-Don, 344090, Russian Federation; Kishore S., Amity Institute of Biotechnology, Amity University Jharkhand, Ranchi, 834001, India; Rustagi S., School of Applied and Life Sciences, Uttaranchal University, Uttarakhand, 22 Dehradun, India; Tuli H.S., Department of Biotechnology, Maharishi Markandeshwar Engineering College, Maharishi Markandeshwar (Deemed to Be University), Mullana-Ambala, 133207, India; Chauhan A., Amity Institute of Environmental Toxicology Safety and Management, Amity University, Sector 125, Uttar Pradesh, Noida, India; Rath P., Amity Institute of Environmental Sciences, Amity University, Uttar Pradesh, Noida, 201303, India; Malik S., Amity Institute of Biotechnology, Amity University	Naunyn-Schmiedeberg's Archives of Pharmacology	2023	281298	Scopus

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5	Review	NA	A Perspective Review on Green Nanotechnology in Agro-Ecosystems: Opportunities for Sustainable Agricultural Practices & Environmental Remediation	Bhandari G.; Dhasmana A.; Chaudhary P.; Gupta S.; Gangola S.; Gupta A.; Rustagi S.; Shende S.S.; Rajput V.D.; Minkina T.; Malik S.; Slama P.	Bhandari G., Department of Biosciences, Himalayan School of Biosciences, Swami Rama Himalayan University, Uttarakhand, Dehradun, 248016, India; Dhasmana A., Department of Biosciences, Himalayan School of Biosciences, Swami Rama Himalayan University, Uttarakhand, Dehradun, 248016, India; Chaudhary P., Department of Microbiology, College of Basic Sciences and Humanities, G.B. Pant, University of Agriculture and Technology, Uttarakhand, Pantnagar, 263145, India; Gupta S., Department of Biosciences, Himalayan School of Biosciences, Swami Rama Himalayan University, Uttarakhand, Dehradun, 248016, India; Gangola S., School of Agriculture, Graphic Era Hill University, Bhimtal Campus, Uttarakhand, Bhimtal, 263136, India; Gupta A., Department of Management Studies, Graphic Era Deemed to Be University, Uttarakhand, Dehradun, 180004, India; Rustagi S., Department of Food Technology, School of Applied and Life Sciences, Uttaranchal University, Uttarakhand, Dehradun, 248007, India; Shende S.S., Academy of Biology and Biotechnology, Southern Federal University, Rostov-on-Don, 34409, Russian Federation; Rajput V.D., Academy of Biology and Biotechnology, Southern Federal University, Rostov-on-Don, 34409,	Agriculture (Switzerland)	2023	20770472	Scopus

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6	Review	NA	A Perspective Review on Microbial Fuel Cells in Treatment and Product Recovery from Wastewater	Malik S.; Kishore S.; Dhasmana A.; Kumari P.; Mitra T.; Chaudhary V.; Kumari R.; Bora J.; Ranjan A.; Minkina T.; Rajput V.D.	Malik S., Amity Institute of Biotechnology, Amity University Jharkhand, Jharkhand, Ranchi, 834001, India; Kishore S., Amity Institute of Biotechnology, Amity University Jharkhand, Jharkhand, Ranchi, 834001, India; Dhasmana A., Himalayan School of Biosciences, Swami Rama Himalayan University, Swami Ram Nagar, Dehradun India Ram Nagar, Dehradun, Uttarakhand, Doiwala, 248016, India; Kumari P., Amity Institute of Biotechnology, Amity University Jharkhand, Jharkhand, Ranchi, 834001, India; Mitra T., KIIT School of Biotechnology, Kalinga Institute of Industrial Technology (KIIT-DU), Odisha, Bhubaneswar, 751024, India; Chaudhary V., Research Cell & Department of Physics, Bhagini Nivedita College, University of Delhi, Delhi, New Delhi, 110021, India; Kumari R., Amity Institute of Biotechnology, Amity University Jharkhand, Jharkhand, Ranchi, 834001, India; Bora J., Amity Institute of Biotechnology, Amity University Jharkhand, Jharkhand, Ranchi, 834001, India; Ranjan A., Academy of Biology and Biotechnology, Southern Federal University, Rostov-on-Don, 344090, Russian Federation; Minkina T., Academy of Biology and Biotechnology, Southern Federal University, Rostov-on-Don, 344090, Russian Federation; Rajput V.D., Academy of Biology and	Water (Switzerland)	2023	20734441	Scopus

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7	Review	NA	A review on hospital wastewater treatment technologies: Current management practices and future prospects	Bhandari G.; Chaudhary P.; Gangola S.; Gupta S.; Gupta A.; Rafatullah M.; Chen S.	Bhandari G., Department of Biosciences, Himalayan School of Biosciences, Swami Rama Himalayan University, Uttarakhand, Dehradun, 248016, India; Chaudhary P., School of Agriculture, Graphic Era Hill University, Uttarakhand, Dehradun, 248002, India; Gangola S., School of Agriculture, Graphic Era Hill University, Uttarakhand, Bhimtal, 263136, India; Gupta S., Department of Biosciences, Himalayan School of Biosciences, Swami Rama Himalayan University, Uttarakhand, Dehradun, 248016, India; Gupta A., Department of Management Studies, Graphic Era Deemed to Be University, Uttarakhand, Dehradun, 248002, India; Rafatullah M., Renewable Biomass Transformation Cluster, School of Industrial Technology, University Sains Malaysia, Penang, 1180, Malaysia; Chen S., National Key Laboratory of Green Pesticide, Guangdong Province Key Laboratory of Microbial Signals and Disease Control, Integrative Microbiology Research Centre, South China Agricultural University, Guangzhou, 510642, China	Journal of Water Process Engineering	2023	22147144	Scopus
8	Article	NA	Acellular graft modified with bioactive peptides faster wound healing and tissue remodelling	Dhasmana A.; Gupta S.; Malik S.	Dhasmana A., Himalayan School of Biosciences, Swami Rama Himalayan University, Dehradun, 248016, India; Gupta S., Himalayan School of Biosciences, Swami Rama Himalayan University, Dehradun, 248016, India; Malik S., Department of Biotechnology, Amity University Jharkhand Ranchi, Jharkhand, 834001, India	Materials Today: Proceedings	2023	22147853	Scopus

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9	Review	NA	Agro-industrial waste: a cost-effective and eco-friendly substrate to produce amylase	Naik B.; Kumar V.; Rizwanuddin S.; Chauhan M.; Gupta A.K.; Rustagi S.; Kumar V.; Gupta S.	Naik B., Department of Food Science and Technology, Graphic Era (Deemed to be University), Uttarakhand, Dehradun, 248002, India; Kumar V., Himalayan School of Biosciences, Swami Rama Himalayan University, Jolly Grant, Uttarakhand, Dehradun, 248140, India; Rizwanuddin S., Department of Food Science and Technology, Graphic Era (Deemed to be University), Uttarakhand, Dehradun, 248002, India, Department of Microbiology, Graphic Era (Deemed to be University), Dehradun, 248002, India; Chauhan M., Department of Microbiology, Graphic Era (Deemed to be University), Dehradun, 248002, India; Gupta A.K., Department of Food Science and Technology, Graphic Era (Deemed to be University), Uttarakhand, Dehradun, 248002, India; Rustagi S., Department of Food Technology, UCALS, Uttaranchal University, Uttarakhand, Dehradun, India; Kumar V., Himalayan School of Biosciences, Swami Rama Himalayan University, Jolly Grant, Uttarakhand, Dehradun, 248140, India; Gupta S., Himalayan School of Biosciences, Swami Rama Himalayan University, Jolly Grant, Uttarakhand, Dehradun, 248140, India	Food Production, Processing and Nutrition	2023	26618974	Scopus
10	Article	NA	An effective and low-cost method for DNA extraction from Rheum species (A medicinal herb) without using liquid nitrogen for RAPD/ISSR Study	Anjali U.; Akhilesh K.; Vijay K.; Sanjay G.; Vivek K.	Anjali U., Himalayan School of Biosciences, Swami Rama Himalayan University, Uttarakhand, Dehradun, 248140, India; Akhilesh K., Himalayan School of Biosciences, Swami Rama Himalayan University, Uttarakhand, Dehradun, 248140, India; Vijay K., Himalayan School of Biosciences, Swami Rama Himalayan University, Uttarakhand, Dehradun, 248140, India; Sanjay G., Himalayan School of Biosciences, Swami Rama Himalayan University, Uttarakhand, Dehradun, 248140, India; Vivek K., Himalayan School of Biosciences, Swami Rama Himalayan University, Uttarakhand, Dehradun, 248140, India	Research Journal of Biotechnology	2023	9736263	Scopus

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11	Article	NA	An update on current understanding of the epidemiology and management of the re-emerging endemic Lassa fever outbreaks	Malik S.; Bora J.; Dhasmana A.; Kishore S.; Nag S.; Preetam S.; Uniyal P.; Slama P.; Mukherjee N.; Haque S.; Swed S.	Malik S., Amity Institute of Biotechnology, Amity University Jharkhand, Ranchi, Jharkhand, India; Bora J., Amity Institute of Biotechnology, Amity University Jharkhand, Ranchi, Jharkhand, India; Dhasmana A., Himalayan School of Biosciences, Swami Rama Himalayan University; Kishore S., Amity Institute of Biotechnology, Amity University Jharkhand, Ranchi, Jharkhand, India; Nag S., Department of Biotechnology, School of Biosciences & Technology, Vellore Institute of Technology (VIT), Vellore, Tamil Nadu, India; Preetam S., Institute of Advanced Materials, Ulrika, Sweden; Uniyal P., Department of Pharmaceutical Sciences and Technology, Sardar Bhagwan Singh University, Dehradun, Uttarakhand, India; Slama P., Laboratory of Animal Immunology and Biotechnology, Department of Animal Morphology, Physiology and Genetics, Faculty of AgriSciences, Mendel University in Brno, Brno, Czech Republic; Mukherjee N., Department of Microbiology, West Bengal State University, Kolkata, West Bengal, India, Department of Health Sciences, Novel Global Community Educational Foundation, NSW, Australia; Haque S., Research and Scientific Studies Unit, College of Nursing and Allied Health Sciences, Jazan University, Jazan, Saudi Arabia, Centre of	International journal of surgery (London, England)	2023	17439159	Scopus
12	Research Article	4E+07	Angle of concavity in planning target volume can be adopted as selection criteria for intensity-modulated radiation therapy or three-dimensional conformal radiotherapy technique in brain tumors	Gupta M, Kant R, Kumar V, Saini M, Nautiyal V, Bhadra K, Ahmad M.	Himalayan School of Biosciences, Swami Rama Himalayan University.	J Cancer Res Ther	2023	NA	Pubmed
13	Article	NA	Assessment of the genetic fidelity of true-to-type regenerants of medicinal plant Rheum emodi using RAPD and ISSR molecular markers	Sweta U.; Anjali U.; Vijay K.; Sanjay G.	Sweta U., Department of Biosciences, Swami Rama Himalayan University, Uttarakhand, Dehradun, India; Anjali U., Department of Biosciences, Swami Rama Himalayan University, Uttarakhand, Dehradun, India; Vijay K., Department of Biosciences, Swami Rama Himalayan University, Uttarakhand, Dehradun, India; Sanjay G., Department of Biosciences, Swami Rama Himalayan University, Uttarakhand, Dehradun, India	Research Journal of Biotechnology	2023	9736263	Scopus

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14	Research Article	4E+07	Association of blood donor's biological characteristics on outcomes of cardiac surgery patients receiving red blood cells transfusion	Gupta V, Patidar GK, Hote M, Mehar R, Dhiman Y, Hazarika A.	Department of Immunohematology & Blood Transfusion, Himalayan Institute of Medical Sciences, Swami Rama Himalayan University, Dehradun, Jollygrant, Uttarakhand, India	Transfus Clin Biol	2023	NA	Pubmed
15	Book chapter	NA	Bioleaching: A Sustainable Resource Recovery Strategy for Urban Mining of E-waste	Bhandari G.; Gupta S.; Chaudhary P.; Chaudhary S.; Gangola S.	Bhandari G., Department of Biosciences, Himalayan School of Biosciences, Swami Rama Himalayan University, Dehradun, 248016, India; Gupta S., Department of Biosciences, Himalayan School of Biosciences, Swami Rama Himalayan University, Dehradun, 248016, India; Chaudhary P., Department of Microbiology, College of Basic Sciences and Humanities, G.B. Pant University of Agriculture and Technology, Uttarakhand, Pantnagar, 263145, India; Chaudhary S., Department of Biosciences, Himalayan School of Biosciences, Swami Rama Himalayan University, Dehradun, 248016, India; Gangola S., School of Agriculture, Graphic Era Hill University, Uttarakhand, Bhimtal Campus, 263136, India	Microbial Technology for Sustainable E-waste Management	2023	978-303125678-3; 978-303125677-6	Scopus

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16	Review	NA	Boosting Mitochondrial Potential: An Imperative Therapeutic Intervention in Amyotrophic Lateral Sclerosis	Dhasmana S.; Dhasmana A.; Kotnala S.; Mangtani V.; Narula A.S.; Haque S.; Jaggi M.; Yallapu M.M.; Chauhan S.C.	Dhasmana S., Department of Immunology & Microbiology, School of Medicine, University of Texas Rio Grande Valley, McAllen, TX, United States, South Texas Center of Excellence in Cancer Research, School of Medicine, University of Texas Rio Grande Valley, McAllen, 78504, TX, United States; Dhasmana A., Department of Immunology & Microbiology, School of Medicine, University of Texas Rio Grande Valley, McAllen, TX, United States, South Texas Center of Excellence in Cancer Research, School of Medicine, University of Texas Rio Grande Valley, McAllen, 78504, TX, United States, Himalayan School of Biosciences, Swami Rama Himalayan University, Dehradun, India; Kotnala S., Department of Immunology & Microbiology, School of Medicine, University of Texas Rio Grande Valley, McAllen, TX, United States, South Texas Center of Excellence in Cancer Research, School of Medicine, University of Texas Rio Grande Valley, McAllen, 78504, TX, United States; Mangtani V., Department of Immunology & Microbiology, School of Medicine, University of Texas Rio Grande Valley, McAllen, TX, United States; Narula A.S., Narula Research LLC, 107 Boulder Bluff, Chapel Hill, 27516, NC, United States; Haque S., Research and Scientific Studies	Current Neuropharmacology	2023	1570159X	Scopus

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17	Article	NA	CEACAM7 expression contributes to early events of pancreatic cancer	Dhasmana A.; Dhasmana S.; Kotnala S.; Laskar P.; Khan S.; Haque S.; Jaggi M.; Yallapu M.M.; Chauhan S.C.	Dhasmana A., Department of Immunology and Microbiology, School of Medicine, University of Texas Rio Grande Valley, McAllen, United States, South Texas Center of Excellence in Cancer Research, School of Medicine, University of Texas Rio Grande Valley, McAllen, United States, Himalayan School of Biosciences and Cancer Research Institute, Himalayan Institute of Medical Sciences, Swami Rama Himalayan University, Dehradun, India; Dhasmana S., Department of Immunology and Microbiology, School of Medicine, University of Texas Rio Grande Valley, McAllen, United States, South Texas Center of Excellence in Cancer Research, School of Medicine, University of Texas Rio Grande Valley, McAllen, United States; Kotnala S., Department of Immunology and Microbiology, School of Medicine, University of Texas Rio Grande Valley, McAllen, United States, South Texas Center of Excellence in Cancer Research, School of Medicine, University of Texas Rio Grande Valley, McAllen, United States; Laskar P., Department of Immunology and Microbiology, School of Medicine, University of Texas Rio Grande Valley, McAllen, United States, South Texas Center of Excellence in Cancer Research, School of Medicine, University of Texas Rio Grande Valley, McAllen, United States	Journal of Advanced Research	2023	20901232	Scopus
18	Article	NA	Clinical application of liquid biopsy in CNS tumors with reference to exosomes and miRNA	Manish Tenguria , Vishal Rajput , Meenu Gupta , Neha Sharma , Sanjay Gupta	Himalayan School of Biosciences	Journal of Chemical Health Risks (JCHR),	2023	2251-6719, 2251-6728	Scopus
19	Research Article	4E+07	Corrigendum: Fabrication and evaluation of herbal beads to slow cell ageing	Dhasmana A, Malik S, Sharma AK, Ranjan A, Chauhan A, Harakeh S, Al-Raddadi RM, Almashjary MN, Bawazir WMS, Haque S.	Himalayan School of Biosciences, Swami Rama Himalayan University.	Front Bioeng Biotechnol	2023	NA	Pubmed

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20	Erratum	NA	Corrigendum: Fabrication and evaluation of herbal beads to slow cell ageing (Front. Bioeng. Biotechnol., (2022), 10, 1025405, 10.3389/fbioe.2022.1025405)	Dhasmana A.; Malik S.; Sharma A.K.; Ranjan A.; Chauhan A.; Harakeh S.; Al-Raddadi R.M.; Almashjary M.N.; Bawazir W.M.S.; Haque S.	Dhasmana A., Himalayan School of Biosciences, Swami Rama Himalayan University, Jolly Grant, Uttarakhand, Dehradun, India; Malik S., Amity Institute of Biotechnology, Amity University Jharkhand, Jharkhand, Ranchi, India; Sharma A.K., Department of Biotechnology, Dr KNMIPER, Uttar Pradesh, Modinagar, India; Ranjan A., Academy of Biology and Biotechnology, Southern Federal University, Rostov-on-Don, Russian Federation; Chauhan A., Amity Institute of Environmental Toxicology, Safety and Management, Amity University, Noida, India; Harakeh S., King Fahd Medical Research Centre, King Abdulaziz University, Jeddah, Saudi Arabia; Al-Raddadi R.M., Department of Community Medicine, Faculty of Medicine, King Abdulaziz University, Jeddah, Saudi Arabia; Almashjary M.N., Department of Medical Laboratory Sciences, Faculty of Applied Medical Sciences, King Abdulaziz University, Jeddah, Saudi Arabia, Hematology Research Unit, King Fahd Medical Research Centre, King Abdulaziz University, Jeddah, Saudi Arabia, Animal House Unit, King Fahd Medical Research Centre, King Abdulaziz University, Jeddah, Saudi Arabia; Bawazir W.M.S., Hematology Research Unit, King Fahd Medical Research Centre, King Abdulaziz	Frontiers in Bioengineering and Biotechnology	2023	22964185	Scopus

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21	Article	NA	Current and emerging applications in detection and removal of bitter compounds in citrus fruit juice: A critical review	Gupta A.K.; Dhua S.; Pratiksha; Kumar V.; Naik B.; Magwaza L.S.; Ncama K.; Opara U.L.; McClements D.J.; Mishra P.	Gupta A.K., Department of Food Engineering and Technology, Tezpur University, Assam, 784028, India, Department of Food Science & Technology, Graphic Era (Deemed to Be University), Bell Road, Clement Town, Uttarakhand, Dehradun, 248002, India; Dhua S., Department of Food Engineering and Technology, Tezpur University, Assam, 784028, India; Pratiksha, Department of Dairy Technology, NDRI, Karnal, 132001, India; Kumar V., Department of Biosciences, Himalayan Institute of Medical Sciences, Swami Ram Himalayan University, Jolly Grant, Uttarakhand, Dehradun, 248016, India; Naik B., Department of Food Science & Technology, Graphic Era (Deemed to Be University), Bell Road, Clement Town, Uttarakhand, Dehradun, 248002, India; Magwaza L.S., Discipline of Horticultural Science, University of KwaZulu-Natal, Private Bag X01, Scottsville, 3201, South Africa; Ncama K., Food Security and Safety Niche Area, Faculty of Natural and Agricultural Sciences, North-West University, Private Bag X2046, North West Province, Mmabatho, 2790, South Africa; Opara U.L., Africa Institute for Postharvest Technology, Postharvest Technology Research Laboratory, South African Research Chair in Postharvest Technology, Faculty of AgriSciences,	Food Bioscience	2023	22124292	Scopus

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22	Article	NA	De-glutathionylases: The resilient underdogs to keep neurodegeneration at bay	Chakraborty S.; Sircar E.; Mishra A.; Choudhuri A.; Dutta S.; Bhattacharyya C.; Chakraborty S.; Bhaumik T.; Si S.; Rao S.; Sarma A.; Ray A.; Sachin K.; Sengupta R.	Chakraborty S., Amity Institute of Biotechnology Kolkata, Amity University, Kolkata, Action Area II, Rajarhat, Newtown, West Bengal, Kolkata, 700135, India; Sircar E., Amity Institute of Biotechnology Kolkata, Amity University, Kolkata, Action Area II, Rajarhat, Newtown, West Bengal, Kolkata, 700135, India, Department of Biological Sciences and Bioengineering, Indian Institute of Technology, Uttarakhand, Roorkee, 247667, India; Mishra A., Amity Institute of Biotechnology Kolkata, Amity University, Kolkata, Action Area II, Rajarhat, Newtown, West Bengal, Kolkata, 700135, India; Choudhuri A., Amity Institute of Biotechnology Kolkata, Amity University, Kolkata, Action Area II, Rajarhat, Newtown, West Bengal, Kolkata, 700135, India; Dutta S., Amity Institute of Biotechnology Kolkata, Amity University, Kolkata, Action Area II, Rajarhat, Newtown, West Bengal, Kolkata, 700135, India; Bhattacharyya C., Amity Institute of Biotechnology Kolkata, Amity University, Kolkata, Action Area II, Rajarhat, Newtown, West Bengal, Kolkata, 700135, India; Chakraborty S., Amity Institute of Biotechnology Kolkata, Amity University, Kolkata, Action Area II, Rajarhat, Newtown, West Bengal, Kolkata, 700135, India; Bhaumik T., Amity Institute of Biotechnology	Biochemical and Biophysical Research Communications	2023	0006291X	Scopus
23	Article	NA	Draft Genome Sequence of Novel Streptomyces sp. Strain AJ-1, Isolated from a Leafcutter Ant in Uttarakhand, India	Choudhary M.; Naik B.; Kumar V.; Verma A.; Gupta S.	Choudhary M., Himalayan School of Biosciences, Swami Rama Himalayan University, Uttarakhand, Dehradun, India; Naik B., Department of Food Science and Technology, Graphic Era Deemed to be University, Uttarakhand, Dehradun, India; Kumar V., Himalayan School of Biosciences, Swami Rama Himalayan University, Uttarakhand, Dehradun, India; Verma A., Himalayan School of Biosciences, Swami Rama Himalayan University, Uttarakhand, Dehradun, India; Gupta S., Himalayan School of Biosciences, Swami Rama Himalayan University, Uttarakhand, Dehradun, India	Microbiology Resource Announcements	2023	2576098X	Scopus

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24	Article	NA	Ebola virus disease (EVD) outbreak re-emergence regulation in East Africa: preparedness and vaccination perspective	Malik S.; Dhasmana A.; Bora J.; Uniyal P.; Slama P.; Preetam S.; Chopra H.; Islam M.A.; Dhama K.	Malik S., Amity Institute of Biotechnology, Amity University Jharkhand, Ranchi, Jharkhand, India; Dhasmana A., Himalayan School of Biosciences, Swami Rama Himalayan University, Jolly Grant; Bora J., Amity Institute of Biotechnology, Amity University Jharkhand, Ranchi, Jharkhand, India; Uniyal P., Department of Pharmaceutical Sciences and Technology, Sardar Bhagwan Singh University, Dehradun, Uttarakhand, India; Slama P., Laboratory of Animal Immunology and Biotechnology, Department of Animal Morphology, Physiology and Genetics, Faculty of AgriSciences, Mendel University in Brno, Brno, Czech Republic; Preetam S., Institute of Advanced Materials, Ulrika, Sweden; Chopra H., Chitkara College of Pharmacy, Chitkara University, Punjab, India; Islam M.A., COVID-19 Diagnostic Lab, Department of Microbiology, Noakhali Science and Technology University, Noakhali, Bangladesh, Advanced Molecular Lab, Department of Microbiology, President Abdul Hamid Medical College, Karimganj, Bangladesh; Dhama K., Division of Pathology, ICAR-Indian Veterinary Research Institute, Izatnagar, Bareilly, Uttar Pradesh, India	International journal of surgery (London, England)	2023	17439159	Scopus

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25	Review	NA	Ebola Virus Disease Vaccines: Development, Current Perspectives & Challenges	Malik S.; Kishore S.; Nag S.; Dhasmana A.; Preetam S.; Mitra O.; León-Figueroa D.A.; Mohanty A.; Chattu V.K.; Assefi M.; Padhi B.K.; Sah R.	Malik S., Amity Institute of Biotechnology, Amity University Jharkhand, Jharkhand, Ranchi, 834001, India; Kishore S., Amity Institute of Biotechnology, Amity University Jharkhand, Jharkhand, Ranchi, 834001, India; Nag S., Department of Biotechnology, School of Biosciences & Technology, Vellore Institute of Technology (VIT), Tiruvalam Road, Tamil Nadu, Vellore, 632014, India; Dhasmana A., Himalayan School of Biosciences, Swami Rama Himalayan University, Jolly Grant, Uttarakhand, Dehradun, 248140, India; Preetam S., Institute of Advanced Materials, IAAM, Gammalkilsvägen 18, Ulrika, 59053, Sweden; Mitra O., Department of Biotechnology, School of Biosciences & Technology, Vellore Institute of Technology (VIT), Tiruvalam Road, Tamil Nadu, Vellore, 632014, India; León-Figueroa D.A., Facultad de Medicina Humana, Universidad de San Martín de Porres, Chiclayo, 15011, Peru; Mohanty A., Department of Microbiology, All India Institute of Medical Sciences, Uttar Pradesh, Gorakhpur, 273008, India; Chattu V.K., Department of Occupational Science & Occupational Therapy, Temerty Faculty of Medicine, University of Toronto, Toronto, M5G 1V7, ON, Canada, Center for Transdisciplinary Research, Saveetha Dental	Vaccines	2023	2076393X	Scopus

S. No.	Publication Type	Pubmed ID	Publication Title	Author/s Name	Institutional affiliation as mentioned in the publication	Journal Name	Year	ISBN/ISSN NUMBER	Indexing
26	Article	NA	Effect of heat treatment on the quality of citrus juices	Kumar V.; Kohli D.; Naik B.; Ratore A.; Gupta A.K.; Khan J.M.; Irfan M.; Preet M.S.; Chatterjee N.; Rustagi S.	Kumar V., Himalayan School of Biosciences, Swami Rama Himalayan University, Jolly Grant, Uttarakhand, Dehradun, 248016, India; Kohli D., Department of Food Technology, Vignan's Foundation for Science, Technology & Research (Deemed to be University), Vadlamudi, Andhra Pradesh, Guntur, 522213, India; Naik B., Department of Food Science and Technology, Graphic Era (Deemed to be University), Bell Road, Clement Town, Uttarakhand, Dehradun, 248002, India; Ratore A., Department of Food Technology, Doon P.G. College of Agriculture Science and Technology, Selaqui, Uttarakhand, Dehradun, India; Gupta A.K., Department of Food Science and Technology, Graphic Era (Deemed to be University), Bell Road, Clement Town, Uttarakhand, Dehradun, 248002, India; Khan J.M., Department of Food Science and Nutrition, Faculty of Food and Agricultural Sciences, King Saud University, 2460, Riyadh, 11451, Saudi Arabia; Irfan M., Plant Biology Section, School of Integrative Plant Science, Cornell University Ithaca, NY, United States; Preet M.S., School of Agriculture, Graphic Hill University, Clement Town, Uttarakhand, Dehradun, India; Chatterjee N., Department of Life Science, Guru Nanak College of Pharmaceutical Sciences,	Journal of King Saud University - Science	2023	10183647	Scopus
27	Article	NA	Effect of high $\gamma$ -irradiation dosage on physico-chemical, functional and emulsion properties of almond gum powder	Kumar V.; Gupta A.K.; Naik B.; Makroo H.A.	Kumar V., Himalayan School of Biosciences, Himalayan Institute of Medical Sciences, Swami Ram Himalayan University, Jolly Grant, Uttarakhand, Dehradun, 248016, India; Gupta A.K., Department of Food Science and Technology, Graphic Era (Deemed to be University), Bell Road, Clement Town, Uttarakhand, Dehradun, 248002, India; Naik B., Department of Food Science and Technology, Graphic Era (Deemed to be University), Bell Road, Clement Town, Uttarakhand, Dehradun, 248002, India; Makroo H.A., Department of Food Technology, IUST, Kashmir, Awantipora, 192122, India	International Journal of Biological Macromolecules	2023	1418130	Scopus

S. No.	Publication Type	Pubmed ID	Publication Title	Author/s Name	Institutional affiliation as mentioned in the publication	Journal Name	Year	ISBN/ISSN NUMBER	Indexing
28	Review	NA	Emergence of Lumpy Pox virus and their preventive measures: A Global Livestock Threat	Archana Dhasmana * , Geeta Bhandari, Nupur Joshi, Lavish Khatkar, Jyoti Rawat, Vikash Singh Jadon, Sanjay Gupta	Himalayan School of Biosciences, Swami Rama Himalayan University, Dehradun, Uttarakhand	Journal of Advanced Zoology	2023	NA	Web of Sciences
29	Article	NA	Emerging Threats In Aquaculture: Bibliometric Analysis Of Aeromonas Sps. As An Emerging Pathogen	Dr. Nupur Joshi, Dr. Geeta Bhandari, Archana Dhasmana, Vikash Singh Jadon, Sanjay Gupta	Himalayan School of Biosciences, Swami Rama Himalayan University, Dehradun, Uttarakhand	Journal of Advanced Zoology	2023	NA	Web of Sciences
30	Review	NA	Endophytes Modulate Plant Genes: Present Status and Future Perspectives	Kumar V.; Nautiyal C.S.	Kumar V., Himalayan School of Biosciences, Swami Rama Himalayan University, Utrrakhand, Jollygrant, 248016, India; Nautiyal C.S., Himalayan School of Biosciences, Swami Rama Himalayan University, Utrrakhand, Jollygrant, 248016, India	Current Microbiology	2023	3438651	Scopus
31	Article	NA	Energy from Waste: Poterioochromonas malhamensis Used for Managing Dairy Effluent and Producing Valuable Microalgal Lipid	Dhillon N.; Gupta S.; Kumar V.; Bhandari G.; Arya S.	Dhillon N., Himalayan School of Biosciences, Swami Rama Himalayan University, Jolly Grant, Uttarakhand, Dehradun, India; Gupta S., Himalayan School of Biosciences, Swami Rama Himalayan University, Jolly Grant, Uttarakhand, Dehradun, India; Kumar V., Himalayan School of Biosciences, Swami Rama Himalayan University, Jolly Grant, Uttarakhand, Dehradun, India; Bhandari G., Himalayan School of Biosciences, Swami Rama Himalayan University, Jolly Grant, Uttarakhand, Dehradun, India; Arya S., School of Biological Engineering and Life Sciences, Shobhit Institute of Engineering and Technology, (Deemed to be University, Uttar Pradesh, Meerut, India	Journal of Pure and Applied Microbiology	2023	9737510	Scopus

S. No.	Publication Type	Pubmed ID	Publication Title	Author/s Name	Institutional affiliation as mentioned in the publication	Journal Name	Year	ISBN/ISSN NUMBER	Indexing
32	Review	NA	Essential oils, herbal extracts and propolis for alleviating <i>Helicobacter pylori</i> infections: A critical view	Reddy K.V.; Sree N.R.S.; Ranjit P.; Maddela N.R.; Kumar V.; Jha P.; Prasad R.; Radice M.	Reddy K.V., Center for Biotechnology, Institute of science and Technology, Jawaharlal Nehru Technological University of Hyderabad, Kukatpally, Telangana, Hyderabad, 500085, India; Sree N.R.S., Center for Biotechnology, Institute of science and Technology, Jawaharlal Nehru Technological University of Hyderabad, Kukatpally, Telangana, Hyderabad, 500085, India; Ranjit P., Center for Biotechnology, Institute of science and Technology, Jawaharlal Nehru Technological University of Hyderabad, Kukatpally, Telangana, Hyderabad, 500085, India; Maddela N.R., Departamento de Ciencias Biológicas, Facultad la Ciencias de la Salud, Universidad Técnica de Manabí, Portoviejo, Ecuador; Kumar V., Himalayan School of Biosciences, Swami Rama Himalayan University, Jollygrant, Utrakhand, Dehradun, 248016, India; Jha P., Department of Biotechnology, School of Bioengineering and Biosciences, Lovely Professional University, Punjab, Phagwara, 144411, India, Department of Research Facilitation, Division of Research and Development, Lovely Professional University, Punjab, Phagwara, 144411, India; Prasad R., Department of Botany, Mahatma Gandhi Central University, Bihar, Motihari, 845401, India; Radice M., Universidad Estatal Amazónica, Km 2 ½ Vía	South African Journal of Botany	2023	2546299	Scopus
33	Article	NA	Esterase and ALDH dehydrogenase-based pesticide degradation by <i>Bacillus brevis</i> 1B from a contaminated environment	Gangola S.; Bhandari G.; Joshi S.; Sharma A.; Simsek H.; Bhatt P.	Gangola S., School of Agriculture, Graphic Era Hill University, Bhimtal, 263136, India; Bhandari G., Department of Biosciences, Swami Rama Himalayan University, Dehradun, 248140, India; Joshi S., School of Agriculture, Graphic Era Hill University, Bhimtal, 263136, India; Sharma A., Department of Microbiology, GBPUAT, Pantnagar, 263139, India; Simsek H., Department of Agricultural & Biological Engineering, Purdue University, 47906, IN, United States; Bhatt P., Department of Agricultural & Biological Engineering, Purdue University, 47906, IN, United States	Environmental Research	2023	139351	Scopus

S. No.	Publication Type	Pubmed ID	Publication Title	Author/s Name	Institutional affiliation as mentioned in the publication	Journal Name	Year	ISBN/ISSN NUMBER	Indexing
34	Article	NA	Exploring microbial diversity responses in agricultural fields: a comparative analysis under pesticide stress and non-stress conditions	Gangola S.; Joshi S.; Bhandari G.; Pant G.; Sharma A.; Perveen K.; Bukhari N.A.; Rani R.	Gangola S., School of Agriculture, Graphic Era Hill University, Bhimtal, India; Joshi S., School of Agriculture, Graphic Era Hill University, Bhimtal, India; Bhandari G., Department of Biosciences, Swami Rama Himalayan University, Dehradun, India; Pant G., Department of PDP, Graphic Era Hill University, Bhimtal, India; Sharma A., Department of Microbiology, GBPUAT, Pantnagar, India; Perveen K., Department of Botany and Microbiology, College of Science, King Saud University, Riyadh, Saudi Arabia; Bukhari N.A., Department of Botany and Microbiology, College of Science, King Saud University, Riyadh, Saudi Arabia; Rani R., School of Agriculture and Food Science, University of Queensland, Brisbane, QLD, Australia	Frontiers in Microbiology	2023	1664302X	Scopus
35	Article	NA	Finger Millet ( <i>Eleusine coracana</i> ) Plant-Endophyte Dynamics: Plant Growth, Nutrient Uptake, and Zinc Biofortification	Chaudhary, Renu; Kumar, Vijay; Gupta, Sanjay; Naik, Bindu; Prasad, Ram; Mishra, Sadhna; Saris, Per Erik Joakim; Kumar, Vivek	[Chaudhary, Renu; Kumar, Vijay; Gupta, Sanjay; Kumar, Vivek] Swami Rama Himalayan Univ, Himalayan Sch Biosci, Dehra Dun 248016, India; [Naik, Bindu] Graphic Era Deemed to Univ, Dept Life Sci, Bell Rd, Dehra Dun 248002, India; [Prasad, Ram] Mahatma Gandhi Cent Univ, Sch Life Sci, Dept Bot, Motihari 845401, India; [Mishra, Sadhna] GLA Univ, Fac Agr Sci, Mathura 281406, India; [Saris, Per Erik Joakim] Univ Helsinki, Fac Agr & Forestry, Dept Microbiol, Helsinki 00100, Finland	MICROORGANISMS	2023	NA	Web of Sciences

S. No.	Publication Type	Pubmed ID	Publication Title	Author/s Name	Institutional affiliation as mentioned in the publication	Journal Name	Year	ISBN/ISSN NUMBER	Indexing
36	Review	NA	Genomics, Proteomics, and Metabolomics Approaches to Improve Abiotic Stress Tolerance in Tomato Plant	Naik B.; Kumar V.; Rizwanuddin S.; Chauhan M.; Choudhary M.; Gupta A.K.; Kumar P.; Kumar V.; Saris P.E.J.; Rather M.A.; Bhuyan S.; Neog P.R.; Mishra S.; Rustagi S.	Naik B., Department of Food Science and Technology, Graphic Era (Deemed to Be) University, Bell Road, Clement Town, Uttarakhand, Dehradun, 248002, India; Kumar V., Himalayan School of Biosciences, Swami Rama Himalayan University, Swami Rama Nagar, Jolly Grant, Uttarakhand, Dehradun, 248014, India; Rizwanuddin S., Department of Life Sciences, Graphic Era (Deemed to Be) University, Bell Road, Uttarakhand, Clement Town, Dehradun, 248002, India; Chauhan M., Department of Life Sciences, Graphic Era (Deemed to Be) University, Bell Road, Uttarakhand, Clement Town, Dehradun, 248002, India; Choudhary M., Himalayan School of Biosciences, Swami Rama Himalayan University, Swami Rama Nagar, Jolly Grant, Uttarakhand, Dehradun, 248014, India; Gupta A.K., Department of Food Science and Technology, Graphic Era (Deemed to Be) University, Bell Road, Clement Town, Uttarakhand, Dehradun, 248002, India; Kumar P., Department of Microbiology, Dolphin (PG) Institute of Biomedical and Natural Sciences, Uttarakhand, Dehradun, 248007, India; Kumar V., Himalayan School of Biosciences, Swami Rama Himalayan University, Swami Rama Nagar, Jolly Grant, Uttarakhand, Dehradun, 248014, India; Saris	International Journal of Molecular Sciences	2023	16616596	Scopus

S. No.	Publication Type	Pubmed ID	Publication Title	Author/s Name	Institutional affiliation as mentioned in the publication	Journal Name	Year	ISBN/ISSN NUMBER	Indexing
37	Article	NA	Glutathione-Responsive Tannic Acid-Assisted FRET Nanomedicine for Cancer Therapy	Laskar P.; Dhasmana A.; Kotnala S.; Jaggi M.; Yallapu M.M.; Chauhan S.C.	Laskar P., Department of Immunology and Microbiology, School of Medicine, University of Texas Rio Grande Valley, McAllen, 78504, TX, United States, South Texas Center of Excellence in Cancer Research, School of Medicine, University of Texas Rio Grande Valley, McAllen, 78504, TX, United States, The Ångström Laboratory, Macromolecular Chemistry, Department of Chemistry, Uppsala University, Uppsala, 751 21, Sweden; Dhasmana A., Department of Immunology and Microbiology, School of Medicine, University of Texas Rio Grande Valley, McAllen, 78504, TX, United States, South Texas Center of Excellence in Cancer Research, School of Medicine, University of Texas Rio Grande Valley, McAllen, 78504, TX, United States, Cancer Research Institute, Himalayan School of Biosciences, Swami Rama Himalayan University, Dehradun, 248016, India; Kotnala S., Department of Immunology and Microbiology, School of Medicine, University of Texas Rio Grande Valley, McAllen, 78504, TX, United States, South Texas Center of Excellence in Cancer Research, School of Medicine, University of Texas Rio Grande Valley, McAllen, 78504, TX, United States; Jaggi M., Department of Immunology and Microbiology, School of Medicine, University of Texas Rio Grande	Pharmaceutics	2023	19994923	Scopus

S. No.	Publication Type	Pubmed ID	Publication Title	Author/s Name	Institutional affiliation as mentioned in the publication	Journal Name	Year	ISBN/ISSN NUMBER	Indexing
38	Review	NA	Helicobacter pylori and Epstein-Barr virus infection in cell polarity alterations	Baral B.; Kandpal M.; Ray A.; Jana A.; Yadav D.S.; Sachin K.; Mishra A.; Baig M.S.; Jha H.C.	Baral B., Infection Bioengineering Group, Department of Biosciences and Biomedical Engineering, Indian Institute of Technology Indore, Madhya Pradesh, Simrol, Indore, 453552, India; Kandpal M., Infection Bioengineering Group, Department of Biosciences and Biomedical Engineering, Indian Institute of Technology Indore, Madhya Pradesh, Simrol, Indore, 453552, India; Ray A., Infection Bioengineering Group, Department of Biosciences and Biomedical Engineering, Indian Institute of Technology Indore, Madhya Pradesh, Simrol, Indore, 453552, India; Jana A., Infection Bioengineering Group, Department of Biosciences and Biomedical Engineering, Indian Institute of Technology Indore, Madhya Pradesh, Simrol, Indore, 453552, India; Yadav D.S., Central Forensic Science Laboratory, Pune, DFSS, Ministry of Home Affairs, Govt. of India, Talegaon MIDC Phase-1, Near JCB Factory, Maharashtra, Pune, 410506, India; Sachin K., Himalayan School of Biosciences, Swami Rama Himalayan University, Swami Ram Nagar, Jolly Grant, Uttarakhand, Dehradun, 248 016, India; Mishra A., Department of Bioscience & Bioengineering, Indian Institute of Technology Jodhpur, NH 65 Nagaur Road, Karwar, Jodhpur District, Rajasthan, 342037, India; Baig M.S.,	Folia Microbiologica	2023	155632	Scopus

S. No.	Publication Type	Pubmed ID	Publication Title	Author/s Name	Institutional affiliation as mentioned in the publication	Journal Name	Year	ISBN/ISSN NUMBER	Indexing
39	Article	NA	Helicobacter pylori infected gastric epithelial cells bypass cell death pathway through the oncoprotein Gankyrin	Kashyap D.; Varshney N.; Baral B.; Kandpal M.; Indari O.; Jain A.K.; Chatterji D.; Kumar S.; Parmar H.S.; Sonawane A.; Chandra Jha H.	Kashyap D., Department of Biosciences and Biomedical Engineering, Indian Institute of Technology Indore, MP, India; Varshney N., Department of Biosciences and Biomedical Engineering, Indian Institute of Technology Indore, MP, India; Baral B., Department of Biosciences and Biomedical Engineering, Indian Institute of Technology Indore, MP, India; Kandpal M., Department of Biosciences and Biomedical Engineering, Indian Institute of Technology Indore, MP, India; Indari O., Department of Biosciences and Biomedical Engineering, Indian Institute of Technology Indore, MP, India; Jain A.K., School of Biotechnology, Devi Ahilya Vishwavidyalaya Indore, MP, India; Chatterji D., School of Biotechnology, Devi Ahilya Vishwavidyalaya Indore, MP, India; Kumar S., Choithram Hospital and Research Center Indore, MP, India; Parmar H.S., Himalayan School of Biosciences, Swami Rama Himalayan University, Swami Ram Nagar, Jolly Grant, Dehradun, Pin-248 016, Uttarakhand, India; Sonawane A., Department of Biosciences and Biomedical Engineering, Indian Institute of Technology Indore, MP, India; Chandra Jha H., Department of Biosciences and Biomedical Engineering, Indian Institute of Technology Indore,	Advances in Cancer Biology - Metastasis	2023	26673940	Scopus

S. No.	Publication Type	Pubmed ID	Publication Title	Author/s Name	Institutional affiliation as mentioned in the publication	Journal Name	Year	ISBN/ISSN NUMBER	Indexing
40	Article	NA	Highly Potent Antioxidant/Antibacterial Biogenic ZnO Nanoparticles-Enabled Nano-Scavenger Reinforced by Aegle Marmelos (Linn) Rind's Extract	Kumar A.; Rustagi S.; Malik S.; Choudhary P.; Khan Z.S.; Allam A.Y.; Naik B.; Kumar V.; Chaudhary V.	Kumar A., School of Applied & Life Sciences, Uttarakhand University, Uttarakhand, Dehradun, 248007, India; Rustagi S., School of Applied & Life Sciences, Uttarakhand University, Uttarakhand, Dehradun, 248007, India; Malik S., Department of Biotechnology, Amity University, Jharkhand, Ranchi, India; Choudhary P., School of Applied & Life Sciences, Uttarakhand University, Uttarakhand, Dehradun, 248007, India; Khan Z.S., Department of Food Technology, Islamic University of Science and Technology, Awantipora, Kashmir, 192122, India; Allam A.Y., Department of Food Science and Technology, Faculty of Agriculture, Minufiya University, Shibin El Kom, 32511, Egypt; Naik B., Department of Food Science and Technology, Graphic Era (Deemed to Be) University, Bell Road, Clement Town Uttarakhand, Dehradun, 248002, India; Kumar V., Himalayan School of Biosciences, Swami Rama Himalayan University, Swami Rama Nagar, Jolly Grant Uttarakhand, Dehradun, 248014, India; Chaudhary V., Physics Department, Bhagini Nivedita College, University of Delhi, New Delhi, 110043, India	ECS Journal of Solid State Science and Technology	2023	21628769	Scopus
41	Book chapter	NA	Impact of Nanoparticles on Abiotic Stress Tolerance	Bhandari G.; Chaudhary S.; Gupta S.; Gangola S.	Bhandari G., Department of Biosciences, Swami Rama Himalayan University, Uttarakhand, Dehradun, India; Chaudhary S., Department of Biosciences, Swami Rama Himalayan University, Uttarakhand, Dehradun, India; Gupta S., Department of Biosciences, Swami Rama Himalayan University, Uttarakhand, Dehradun, India; Gangola S., School of Agriculture Graphic, Era Hill University, Bhimtal, India	Advances in Nanotechnology for Smart Agriculture: Techniques and Applications	2023	978-100088393-0; 978-103238547-1	Scopus
42	Book chapter	NA	Insight into enzyme assisted degradation of environmental contaminants	Bhandari G.; Chaudhary S.; Gangola S.; Bhatt P.	Bhandari G., Department of Biosciences, Himalayan School of Biosciences, Swami Rama Himalayan University, Uttarakhand, Dehradun, India; Chaudhary S., Department of Biosciences, Himalayan School of Biosciences, Swami Rama Himalayan University, Uttarakhand, Dehradun, India; Gangola S., School of Agriculture, Graphic Era Hill University, Uttarakhand, Bhimtal, India; Bhatt P., Department of Agricultural & Biological Engineering, Purdue University, West Lafayette, IN, United States	Advanced Microbial Technology for Sustainable Agriculture and Environment	2023	978-032395090-9; 978-032395091-6	Scopus

S. No.	Publication Type	Pubmed ID	Publication Title	Author/s Name	Institutional affiliation as mentioned in the publication	Journal Name	Year	ISBN/ISSN NUMBER	Indexing
43	Review	NA	Insight into phytase-producing microorganisms for phytate solubilization and soil sustainability	Rizwanuddin S.; Kumar V.; Singh P.; Naik B.; Mishra S.; Chauhan M.; Saris P.E.J.; Verma A.; Kumar V.	Rizwanuddin S., Department Food Science and Technology, Graphic Era (Deemed to be University), Dehradun, India; Kumar V., Himalayan School of Biosciences, Swami Rama Himalayan University, Dehradun, India; Singh P., Department of Biotechnology, Graphic Era (Deemed to be University), Dehradun, India; Naik B., Department Food Science and Technology, Graphic Era (Deemed to be University), Dehradun, India; Mishra S., Faculty of Agricultural Sciences, GLA University, Mathura, India; Chauhan M., Department of Microbiology, Graphic Era (Deemed to be University), Dehradun, India; Saris P.E.J., Department of Microbiology, Faculty of Agriculture and Forestry, University of Helsinki, Helsinki, Finland; Verma A., Himalayan School of Biosciences, Swami Rama Himalayan University, Dehradun, India; Kumar V., Himalayan School of Biosciences, Swami Rama Himalayan University, Dehradun, India	Frontiers in Microbiology	2023	1664302X	Scopus

S. No.	Publication Type	Pubmed ID	Publication Title	Author/s Name	Institutional affiliation as mentioned in the publication	Journal Name	Year	ISBN/ISSN NUMBER	Indexing
44	Article	NA	Insights into the harvesting tools and equipment's for horticultural crops: From then to now	Kaur B.; Mansi; Dimri S.; Singh J.; Mishra S.; Chauhan N.; Kukreti T.; Sharma B.; Singh S.P.; Arora S.; Uniyal D.; Agrawal Y.; Akhtar S.; Rather M.A.; Naik B.; Kumar V.; Gupta A.K.; Rustagi S.; Preet M.S.	Kaur B., Department of Food Science & Technology, Graphic Era (Deemed to be University), Bell Road, Uttarakhand, Clement Town Dehradun, 248002, India; Mansi, Department of Food Science & Technology, Graphic Era (Deemed to be University), Bell Road, Uttarakhand, Clement Town Dehradun, 248002, India; Dimri S., Department of Food Science & Technology, Graphic Era (Deemed to be University), Bell Road, Uttarakhand, Clement Town Dehradun, 248002, India; Singh J., Department of Food Science & Technology, Graphic Era (Deemed to be University), Bell Road, Uttarakhand, Clement Town Dehradun, 248002, India; Mishra S., Faculty of Agricultural Sciences, GLA University, Uttar Pradesh, Mathura, India; Chauhan N., Department of Food Science & Technology, Graphic Era (Deemed to be University), Bell Road, Uttarakhand, Clement Town Dehradun, 248002, India; Kukreti T., Department of Food Science & Technology, Graphic Era (Deemed to be University), Bell Road, Uttarakhand, Clement Town Dehradun, 248002, India; Sharma B., Department of Food Science & Technology, Graphic Era (Deemed to be University), Bell Road, Uttarakhand, Clement Town Dehradun, 248002, India; Singh S.P., Department of Food Science & Technology, Graphic Era (Deemed to be	Journal of Agriculture and Food Research	2023	26661543	Scopus

S. No.	Publication Type	Pubmed ID	Publication Title	Author/s Name	Institutional affiliation as mentioned in the publication	Journal Name	Year	ISBN/ISSN NUMBER	Indexing
45	Review	NA	Insights on bio-functional properties of Myrica esculenta plant for nutritional and livelihood security	Bhatt S.C.; Kumar V.; Gupta A.K.; Mishra S.; Naik B.; Rustagi S.; Preet M.S.	Bhatt S.C., Department of Food Science and Technology, Graphic Era (Deemed to be University), Bell Road, Clement Town, Uttarakhand, Dehradun, 248002, India; Kumar V., Himalayan School of Biosciences, Swami Rama Himalayan University, Swami Rama Nagar, Jolly Grant, Dehradun, 248014, India; Gupta A.K., Department of Food Science and Technology, Graphic Era (Deemed to be University), Bell Road, Clement Town, Uttarakhand, Dehradun, 248002, India; Mishra S., Faculty of Agricultural Sciences, GLA University, Uttar Pradesh, Mathura, India; Naik B., Department of Food Science and Technology, Graphic Era (Deemed to be University), Bell Road, Clement Town, Uttarakhand, Dehradun, 248002, India; Rustagi S., Department of Food Science and Technology, Uttaranchal University, Uttarakhand, India; Preet M.S., School of Agriculture, Graphic Era Hill University, Clement Town, Uttarakhand, Dehradun, India	Food Chemistry Advances	2023	2772753X	Scopus

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46	Article	NA	Integrative big transcriptomics data analysis implicates crucial role of MUC13 in pancreatic cancer	Dhasmana A.; Dhasmana S.; Agarwal S.; Khan S.; Haque S.; Jaggi M.; Yallapu M.M.; Chauhan S.C.	Dhasmana A., Department of Immunology and Microbiology, School of Medicine, University of Texas Rio Grande Valley, McAllen, United States, South Texas Center of Excellence in Cancer Research, School of Medicine, University of Texas Rio Grande Valley, McAllen, United States, Himalayan School of Biosciences and Cancer Research Institute, Himalayan Institute of Medical Sciences, Swami Rama Himalayan University, Dehradun, India; Dhasmana S., Department of Immunology and Microbiology, School of Medicine, University of Texas Rio Grande Valley, McAllen, United States, South Texas Center of Excellence in Cancer Research, School of Medicine, University of Texas Rio Grande Valley, McAllen, United States; Agarwal S., Department of Pathology, University of Illinois, Chicago, United States; Khan S., Department of Immunology and Microbiology, School of Medicine, University of Texas Rio Grande Valley, McAllen, United States, South Texas Center of Excellence in Cancer Research, School of Medicine, University of Texas Rio Grande Valley, McAllen, United States; Haque S., Research and Scientific Studies Unit, College of Nursing and Allied Health Sciences, Jazan University, Jazan, Saudi Arabia, Gilbert and Rose-Marie Chagoury	Computational and Structural Biotechnology Journal	2023	20010370	Scopus

S. No.	Publication Type	Pubmed ID	Publication Title	Author/s Name	Institutional affiliation as mentioned in the publication	Journal Name	Year	ISBN/ISSN NUMBER	Indexing
47	Article	NA	Interaction Mechanism between $\alpha$ -Lactalbumin and Caffeic Acid: A Multispectroscopic and Molecular Docking Study	Al-Shabib N.A.; Khan J.M.; Al-Amri A.M.; Malik A.; Husain F.M.; Sharma P.; Emerson A.; Kumar V.; Sen P.	Al-Shabib N.A., College of Food and Agriculture Sciences, Department of Food and Nutrition, King Saud University, Riyadh, 11451, Saudi Arabia; Khan J.M., College of Food and Agriculture Sciences, Department of Food and Nutrition, King Saud University, Riyadh, 11451, Saudi Arabia; Al-Amri A.M., College of Science, Department of Biochemistry, King Saud University, Riyadh, 11451, Saudi Arabia; Malik A., College of Science, Department of Biochemistry, King Saud University, Riyadh, 11451, Saudi Arabia; Husain F.M., College of Food and Agriculture Sciences, Department of Food and Nutrition, King Saud University, Riyadh, 11451, Saudi Arabia; Sharma P., Geisinger Commonwealth School of Medicine, Scranton, 18509-3240, PA, United States; Emerson A., Department of Biotechnology, School of Bio Sciences and Technology, VIT University, Tamil Nadu, Vellore, 632014, India; Kumar V., Himalayan School of Biosciences, Swami Rama Himalayan University, Uttarakhand, Dehradun, 248016, India; Sen P., Centre for Bioseparation Technology, VIT University, Tamil Nadu, Vellore, 632014, India	ACS Omega	2023	24701343	Scopus
48	Article	NA	Kinetic characterization and partial purification of peroxidase in Eucalyptus F 1 hybrids	Vikash S. Jadon, Kamal, B., Bhandari, G, Joshi, N., Dhasmana, A., & Gupta, S.	Himalayan School of Biosciences, Swami Rama Himalayan University, Dehradun, Uttarakhand	Journal of Advanced Zoology	2023	NA	Web of Sciences

S. No.	Publication Type	Pubmed ID	Publication Title	Author/s Name	Institutional affiliation as mentioned in the publication	Journal Name	Year	ISBN/ISSN NUMBER	Indexing
49	Article	NA	Mapping of nutraceutical and sensorial properties of stuffed red chilli pickle: Effect of storage on quality	Gupta A.K.; Kumar V.; Naik B.; Rizwana S.; Ranjan R.	Gupta A.K., Department of Life Sciences (Food Technology), Graphic Era (Deemed to Be University), Bell Road, Clement Town, Uttarakhand, Dehradun, 248002, India; Kumar V., Department of Biosciences, Himalayan Institute of Medical Sciences, Swami Ram Himalayan University, Jolly Grant, Uttarakhand, Dehradun, 248016, India; Naik B., Department of Life Sciences (Food Technology), Graphic Era (Deemed to Be University), Bell Road, Clement Town, Uttarakhand, Dehradun, 248002, India; Rizwana S., Department of Food Engineering and Technology, Tezpur University, Assam, 784028, India; Ranjan R., Department of Dairy Science and Food Technology, Institute of Agricultural Sciences, Banaras Hindu University, Uttar Pradesh, Varanasi, 221005, India	Journal of Agriculture and Food Research	2023	26661543	Scopus
50	Book chapter	NA	Microbial Biosurfactants and Their Implication Toward Wastewater Management	Rawat G.; Choudhary R.; Kumar V.	Rawat G., Himalayan School of Biosciences, Swami Rama Himalayan University, Jolly Grant, Dehradun, India; Choudhary R., Himalayan School of Biosciences, Swami Rama Himalayan University, Jolly Grant, Dehradun, India; Kumar V., Himalayan School of Biosciences, Swami Rama Himalayan University, Jolly Grant, Dehradun, India	Handbook of Environmental Chemistry	2023	1867979X	Scopus
51	Book chapter	NA	Microbial exopolysaccharides and their application for bioremediation of environmental pollutants	Vijaylakshmi; Hemwati Nandan R.M.; Chaudhary S.; Bhandari G.	Vijaylakshmi, Department of Biochemistry and Biotechnology, SBS University, Uttarakhand, Dehradun, India; Hemwati Nandan R.M., Department of Biochemistry and Biotechnology, SBS University, Uttarakhand, Dehradun, India; Chaudhary S., Department of Biosciences, Himalayan School of Biosciences, Swami Rama Himalayan University, Uttarakhand, Dehradun, India; Bhandari G., Department of Biosciences, Himalayan School of Biosciences, Swami Rama Himalayan University, Uttarakhand, Dehradun, India	Advanced Microbial Technology for Sustainable Agriculture and Environment	2023	978-032395090-9; 978-032395091-6	Scopus

S. No.	Publication Type	Pubmed ID	Publication Title	Author/s Name	Institutional affiliation as mentioned in the publication	Journal Name	Year	ISBN/ISSN NUMBER	Indexing
52	Article	NA	Microbial phytase: Their sources, production, and role in the enhancement of nutritional aspects of food and feed additives	Rizwanuddin S.; Kumar V.; Naik B.; Singh P.; Mishra S.; Rustagi S.; Kumar V.	Rizwanuddin S., Department of Food Science and Technology, Graphic Era (Deemed to be University), Bell Road, Clement Town, Uttarakhand, Dehradun, 248002, India; Kumar V., Himalayan School of Biosciences, Swami Rama Himalayan University, Jollygrant, Uttarakhand, Dehradun, 248016, India; Naik B., Department of Food Science and Technology, Graphic Era (Deemed to be University), Bell Road, Clement Town, Uttarakhand, Dehradun, 248002, India; Singh P., Department of Biotechnology, Graphic Era (Deemed to be University), Bell Road, Clement Town, Uttarakhand, Dehradun, 248002, India; Mishra S., Faculty of Agricultural Sciences, GLA University, UP, Mathura, India; Rustagi S., Department of Food Technology, Uttaranchal University, Uttarakhand, Dehradun, 248007, India; Kumar V., Himalayan School of Biosciences, Swami Rama Himalayan University, Jollygrant, Uttarakhand, Dehradun, 248016, India	Journal of Agriculture and Food Research	2023	26661543	Scopus
53	Article	NA	Micropropagation And Antimicrobial Activity Of Callicarpa Macrophylla (Priyangu) Against Medically Important Pathogens	Saurabh Gangola, Samiksha Joshi, Neha Kandpal, Geeta Bhandari, Sanjay Gupta, Vikash Singh Jadon, Vikas Sharma	School of Agriculture, Graphic Era Hill University, Bhimtal, 263136, Uttarakhand, Department of Biotechnology MBPG College Haldwani, 263139, Himalayan School of Biosciences, Swami Rama Himalayan University, Dehradun, 248140, India, Department of Molecular Biology and Genetic Engineering, Lovely Professional University, Phagwara, Jalandhar, 144411, India	Journal of Advanced Zoology	2023	NA	Web of Sciences

S. No.	Publication Type	Pubmed ID	Publication Title	Author/s Name	Institutional affiliation as mentioned in the publication	Journal Name	Year	ISBN/ISSN NUMBER	Indexing
54	Review	NA	Nano-biochar: recent progress, challenges, and opportunities for sustainable environmental remediation	Bhandari G.; Gangola S.; Dhasmana A.; Rajput V.; Gupta S.; Malik S.; Slama P.	Bhandari G., Department of Biosciences, Himalayan School of Biosciences, Swami Rama Himalayan University, Dehradun, India; Gangola S., School of Agriculture, Graphic Era Hill University, Bhimtal Campus, Uttarakhand, India; Dhasmana A., Department of Biosciences, Himalayan School of Biosciences, Swami Rama Himalayan University, Dehradun, India; Rajput V., Department of Biosciences, Himalayan School of Biosciences, Swami Rama Himalayan University, Dehradun, India; Gupta S., Department of Biosciences, Himalayan School of Biosciences, Swami Rama Himalayan University, Dehradun, India; Malik S., Amity Institute of Biotechnology, Amity University Jharkhand, Jharkhand, Ranchi, India, Guru Nanak College of Pharmaceutical Sciences, Uttarakhand, Dehradun, India; Slama P., Laboratory of Animal Immunology and Biotechnology, Department of Animal Morphology, Physiology and Genetics, Faculty of AgriSciences, Mendel University in Brno, Brno, Czech Republic	Frontiers in Microbiology	2023	1664302X	Scopus
55	Book chapter	NA	Nanotechnology for bioremediation of industrial wastewater treatment	Kumari M.; Bora J.; Dhasmana A.; Sinha S.; Malik S.	Kumari M., Amity Institute of Biotechnology, Amity University Jharkhand, Ranchi, Jharkhand, India; Bora J., Amity Institute of Biotechnology, Amity University Jharkhand, Ranchi, Jharkhand, India; Dhasmana A., Himalayan School of Biosciences, Swami Rama Himalayan University, Dehradun, United Kingdom; Sinha S., Department of Chemistry, Amity Institute of Applied Sciences, Amity University Jharkhand, Ranchi, Jharkhand, India; Malik S., Amity Institute of Biotechnology, Amity University Jharkhand, Ranchi, Jharkhand, India	Advanced Application of Nanotechnology to Industrial Wastewater	2023	978-9819932	Scopus

S. No.	Publication Type	Pubmed ID	Publication Title	Author/s Name	Institutional affiliation as mentioned in the publication	Journal Name	Year	ISBN/ISSN NUMBER	Indexing
56	Book chapter	NA	Nanotextured Materials for Soil Health	Adeleke B.S.; Ayilara M.S.; Sharma D.; Sultana R.; Mathur M.; Bhandari G.; Chaudhary A.	Adeleke B.S., Department of Biological Sciences Microbiology Unit, Faculty of Science Olusegun Agagu University of Science and Technology, Okitipupa, Nigeria, Department of Microbiology, North-West University Mafikeng, South Africa; Ayilara M.S., Food Security and Safety Focus Area, Faculty of Natural and Agricultural Sciences North-West University, Mafikeng, South Africa; Sharma D., School of Agricultural Sciences, Jaipur National University, Jaipur, India; Sultana R., Department of Biotechnology, Gauhati University, Gauhati, India; Mathur M., School of Agriculture Suresh Gyan Vihar University, Jaipur, India; Bhandari G., Department of Biosciences, Swami Rama Himalayan University, Uttarakhand, Dehradun, India; Chaudhary A., Shobhit University, Uttar Pradesh, Saharanpur, India	Advances in Nanotechnology for Smart Agriculture: Techniques and Applications	2023	978-100088393-0; 978-103238547-1	Scopus
57	Article	NA	Novel food materials: Fundamentals and applications in sustainable food systems for food processing and safety	Gupta A.K.; Pratiksha; Das T.; Kumar H.; Rastogi S.; Espinosa E.; Rincón E.; Morcillo-Martín R.; Rather M.A.; Kumar V.; Naik B.; Makroo H.A.; Xiao H.-W.; Ranjan R.; Mishra S.	Gupta A.K., Department of Food Science & Technology, Graphic Era (Deemed to Be University), Bell Road, Clement Town Dehradun, Uttarakhand, 248002, India; Pratiksha, Department of Dairy Technology, NDRI, Karnal, 132001, India; Das T., Food Engineering and Technology Department, Institute of Chemical Technology, NM Parekh Marg, Maharashtra, Mumbai, 400019, India; Kumar H., Department of Food Science & Technology, Graphic Era (Deemed to Be University), Bell Road, Clement Town Dehradun, Uttarakhand, 248002, India; Rastogi S., Department of Food Technology, School of Interdisciplinary Sciences and Technology, Jamia Hamdard, New Delhi, 110062, India; Espinosa E., BioPrEn Group (RNM 940), Chemical Engineering Department, Instituto Químico para La Energía y El Medioambiente (IQUEMA), Faculty of Science, Universidad de Córdoba, Córdoba, 14014, Spain; Rincón E., BioPrEn Group (RNM 940), Chemical Engineering Department, Instituto Químico para La Energía y El Medioambiente (IQUEMA), Faculty of Science, Universidad de Córdoba, Córdoba, 14014, Spain; Morcillo-Martín R., BioPrEn Group (RNM 940), Chemical Engineering Department, Instituto Químico para La Energía y El Medioambiente	Food Bioscience	2023	22124292	Scopus

S. No.	Publication Type	Pubmed ID	Publication Title	Author/s Name	Institutional affiliation as mentioned in the publication	Journal Name	Year	ISBN/ISSN NUMBER	Indexing
58	Book chapter	NA	Omics approaches to pesticide biodegradation for sustainable environment	Gangola S.; Joshi S.; Bhandari G.; Bhatt P.; Kumar S.; Pandey S.C.	Gangola S., School of Agriculture, Graphic Era Hill University, Uttarakhand, Bhimtal, India; Joshi S., School of Agriculture, Graphic Era Hill University, Uttarakhand, Bhimtal, India; Bhandari G., Department of Biosciences, Himalayan School of Biosciences, Swami Rama Himalayan University, Uttarakhand, Dehradun, India; Bhatt P., Department of Agriculture and Biological Engineering, Purdue University, West Lafayette, IN, United States; Kumar S., ICAR-Research Complex for Eastern Region, Bihar, Patna, India; Pandey S.C., Cell & Molecular Biology Laboratory, Department of Zoology, Soban Singh Jeena University Campus, Uttarakhand, Almora, India, Center for Advanced Biotechnology Research, Absolute, Haryana, Gurugram, India	Advanced Microbial Techniques in Agriculture, Environment, and Health Management	2023	978-032391643-1; 978-032391644-8	Scopus
59	Article	NA	Physicochemical evaluation of the acellular tracheal graft for tissue remodeling	Dhasmana A.; Sharma A.; Malik S.	Dhasmana A., Himalayan School of Biosciences, Swami Rama Himalayan University, Dehradun, 248016, India; Sharma A., Himalayan School of Biosciences, Swami Rama Himalayan University, Dehradun, 248016, India; Malik S., Department of Biotechnology, Amity University Jharkhand Ranch, Jharkhand, 834001, India	Materials Today: Proceedings	2023	22147853	Scopus
60	Review	NA	Phytochemical Analysis And Evaluation Of Antioxidant Activity In Fagopyrum Esculentum	Vikash S Jadon, Archana Dhasmana, Nupur Joshi, Geeta Bhandari, Ayushi Santhama, Vikas Sharma, Sanjay Gupta, Deepanshu Rana8	Himalayan School of Biosciences, Swami Rama Himalayan University, Jolly grant, Dehradun, Uttarakhand, India-248016. Department of Molecular Biology and Genetic Engineering, School of Biosciences and Bioengineering, Lovely Professional University, Phagwara – 144401, Punjab, India. Department of Microbiology, Sardar Bhagwan Singh Post Graduate Institute of Biomedical Sciences & Research, Balawala, Dehradun - 248161, Uttarakhand, India	Journal of Advanced Zoology	2023	NA	Web of Sciences

S. No.	Publication Type	Pubmed ID	Publication Title	Author/s Name	Institutional affiliation as mentioned in the publication	Journal Name	Year	ISBN/ISSN NUMBER	Indexing
61	Article	NA	Plasma treatment: An alternative and sustainable green approach for decontamination of mycotoxin in dried food products	Ranjan R.; Gupta A.K.; Pandiselvam R.; Chauhan A.K.; Akhtar S.; Jha A.K.; Pratiksha; Ghosh T.; Purohit S.R.; Rather M.A.; Prakash D.; Singh R.; Singh S.; Joshi P.; Kumar V.; Naik B.; Rustagi S.; Preet M.S.	Ranjan R., Department of Dairy Science and Food Technology, Institute of Agricultural Sciences, Banaras Hindu University, Varanasi, 221005, India; Gupta A.K., Department of Food Science and Technology, Graphic Era (Deemed to be University), Bell Road, Clement Town Dehradun, Uttarakhand, 248002, India; Pandiselvam R., ICAR-Central Plantation Crops Research Institute, Kerala, Kasaragod, India; Chauhan A.K., Department of Dairy Science and Food Technology, Institute of Agricultural Sciences, Banaras Hindu University, Varanasi, 221005, India; Akhtar S., Indian Institute of Packaging, E 2, MIDC Area, Andheri, East Mumbai, 400093, India; Jha A.K., Department of Food Technology and Nutrition, School of Agriculture at Lovely Professional University, India; Pratiksha, Department of Dairy technology, NDRI, Karnal, 132001, India; Ghosh T., Department of Food Engineering and Technology, Tezpur University, Assam, 784028, India; Purohit S.R., Department of Food Engineering and Technology, Tezpur University, Assam, 784028, India; Rather M.A., Department of Molecular Biology and Biotechnology, Tezpur University, Assam, 784028, India; Prakash D., CSIR-Institute of Microbial Technology, Chandigarh, 160036, India; Singh R.,	Journal of Agriculture and Food Research	2023	26661543	Scopus

S. No.	Publication Type	Pubmed ID	Publication Title	Author/s Name	Institutional affiliation as mentioned in the publication	Journal Name	Year	ISBN/ISSN NUMBER	Indexing
62	Article	NA	Production, characterization, and application of novel fungal pullulanase for fruit juice processing	Naik B.; Kumar V.; Goyal S.K.; Tripathi A.D.; Khan J.M.; Irfan M.; Bhatt S.C.; Gupta A.K.; Rustagi S.	Naik B., Department of Food Science and Technology, Graphic Era (Deemed to be University), Bell Road, Clement Town, Uttarakhand, Dehradun, 248002, India; Kumar V., Himalayan School of Biosciences, Swami Rama Himalayan University, Jolly Grant, Uttarakhand, Dehradun, 248016, India; Goyal S.K., Department of Agricultural Engineering, Institute of Agricultural Sciences, Banaras Hindu University, UP, Varanasi, 221005, India; Tripathi A.D., Department of Dairy Science and Food Technology, Institute of Agricultural Sciences, Banaras Hindu University, UP, Varanasi, 221005, India; Khan J.M., Department of Food Science and Nutrition, Faculty of Food and Agricultural Sciences, King Saud University, 2460, Riyadh, 11451, Saudi Arabia; Irfan M., Plant Biology Section, School of Integrative Plant Science, Cornell University, Ithaca, NY, United States; Bhatt S.C., Department of Food Science and Technology, Graphic Era (Deemed to be University), Bell Road, Clement Town, Uttarakhand, Dehradun, 248002, India; Gupta A.K., Department of Food Science and Technology, Graphic Era (Deemed to be University), Bell Road, Clement Town, Uttarakhand, Dehradun, 248002, India; Rustagi S., Department of Food Technology, UCALS, Uttaranchal University,	International Journal of Biological Macromolecules	2023	1418130	Scopus

S. No.	Publication Type	Pubmed ID	Publication Title	Author/s Name	Institutional affiliation as mentioned in the publication	Journal Name	Year	ISBN/ISSN NUMBER	Indexing
63	Review	NA	Pullulanase: unleashing the power of enzyme with a promising future in the food industry	Naik B.; Kumar V.; Goyal S.K.; Dutt Tripathi A.; Mishra S.; Joakim Saris P.E.; Kumar A.; Rizwanuddin S.; Kumar V.; Rustagi S.	Naik B., Department of Food Science and Technology, Graphic Era (Deemed to be University), Uttarakhand, India; Kumar V., Himalayan School of Biosciences, Swami Rama Himalayan University, Dehradun, India; Goyal S.K., Department of Agricultural Engineering, Institute of Agricultural Sciences, Banaras Hindu University, Varanasi, India; Dutt Tripathi A., Department of Dairy Science and Food Technology, Institute of Agricultural Sciences, Banaras Hindu University, Varanasi, India; Mishra S., Faculty of Agricultural Sciences, GLA University, Mathura, India; Joakim Saris P.E., Department of Microbiology, Faculty of Agriculture and Forestry, University of Helsinki, Helsinki, Finland; Kumar A., Himalayan School of Biosciences, Swami Rama Himalayan University, Dehradun, India; Rizwanuddin S., Department of Food Science and Technology, Graphic Era (Deemed to be University), Uttarakhand, India; Kumar V., Himalayan School of Biosciences, Swami Rama Himalayan University, Dehradun, India; Rustagi S., Department of Food Technology, UCLAS, Uttaranchal University, Dehradun, India	Frontiers in Bioengineering and Biotechnology	2023	22964185	Scopus
64	Article	NA	Quantitative determination and source variation of Rutin in Fagopyrum tataricum	Vikash S. Jadon*, Sandeep Kumar , Barkha Kamal, Geeta Bhandari, Nupur Joshi Archna Dhasmana and Sanjay Gupta	Himalayan School of Biosciences, Swami Rama Himalayan University, Dehradun, Uttarakhand	Journal of Advanced Zoology	2023	NA	Web of Sciences

S. No.	Publication Type	Pubmed ID	Publication Title	Author/s Name	Institutional affiliation as mentioned in the publication	Journal Name	Year	ISBN/ISSN NUMBER	Indexing
65	Book chapter	NA	Remediation of heavy metals by rhizospheric bacteria and their mechanism of detoxification	Gangola S.; Joshi S.; Bhandari G.; Bhatt P.; Kumar S.; Bhandari N.S.; Mittal A.	Gangola S., School of Agriculture, Graphic Era Hill University, Uttarakhand, Bhimtal, India; Joshi S., School of Agriculture, Graphic Era Hill University, Uttarakhand, Bhimtal, India; Bhandari G., Department of Biosciences, Himalayan School of Biosciences, Swami Rama Himalayan University, Uttarakhand, Dehradun, India; Bhatt P., Department of Agricultural & Biological Engineering, Purdue University, West Lafayette, IN, United States; Kumar S., Agricultural Microbiology, ICAR-Research Complex for Eastern Region, Patna, India; Bhandari N.S., School of Agriculture, Graphic Era Hill University, Uttarakhand, Bhimtal, India; Mittal A., Department of Allied Science, Graphic Era Hill University, Uttarakhand, Bhimtal, India	Advanced Microbial Technology for Sustainable Agriculture and Environment	2023	978-032395090-9; 978-032395091-6	Scopus
66	Review	NA	Revolutionizing Tuberculosis Treatment: Uncovering New Drugs and Breakthrough Inhibitors to Combat Drug-Resistant Mycobacterium tuberculosis	Verma A.; Naik B.; Kumar V.; Mishra S.; Choudhary M.; Khan J.M.; Gupta A.K.; Pandey P.; Rustagi S.; Kakati B.; Gupta S.	Verma A., Himalayan School of Biosciences, Swami Rama Himalayan University, Jolly Grant, Uttarakhand, Dehradun, 248016, India; Naik B., Department of Food Science and Technology, Graphic Era Deemed to be University, Bell Road, Clement Town, Uttarakhand, Dehradun, 248002, India; Kumar V., Himalayan School of Biosciences, Swami Rama Himalayan University, Jolly Grant, Uttarakhand, Dehradun, 248016, India; Mishra S., Faculty of Agricultural Sciences, GLA University, UP, Mathura, 281406, India; Choudhary M., Himalayan School of Biosciences, Swami Rama Himalayan University, Jolly Grant, Uttarakhand, Dehradun, 248016, India; Khan J.M., Department of Food Science and Nutrition, Faculty of Food and Agricultural Sciences, King Saud University, Riyadh, 11451, Saudi Arabia; Gupta A.K., Department of Food Science and Technology, Graphic Era Deemed to be University, Bell Road, Clement Town, Uttarakhand, Dehradun, 248002, India; Pandey P., Department of Microbiology, Assam University, Assam, Silchar, 788011, India; Rustagi S., Department of Food Technology, UCALS, Uttaranchal University, Uttarakhand, Dehradun, 248007, India; Kakati B., Department of Microbiology, Himalayan Institute of Medical	ACS Infectious Diseases	2023	23738227	Scopus

S. No.	Publication Type	Pubmed ID	Publication Title	Author/s Name	Institutional affiliation as mentioned in the publication	Journal Name	Year	ISBN/ISSN NUMBER	Indexing
67	Review	NA	Rhizospheric bacteria: the key to sustainable heavy metal detoxification strategies	Joshi S.; Gangola S.; Bhandari G.; Bhandari N.S.; Nainwal D.; Rani A.; Malik S.; Slama P.	Joshi S., School of Agriculture, Graphic Era Hill University, Bhimtal, India; Gangola S., School of Agriculture, Graphic Era Hill University, Bhimtal, India; Bhandari G., Department of Biosciences, Himalayan School of Bio Sciences, Swami Rama Himalayan University, Dehradun, India; Bhandari N.S., School of Agriculture, Graphic Era Hill University, Bhimtal, India; Nainwal D., School of Agriculture, Graphic Era Hill University, Bhimtal, India; Rani A., Department of Life Sciences, Graphic Era (Deemed to be) University, Uttarakhand, Dehradun, India; Malik S., Amity Institute of Biotechnology, Amity University Jharkhand, Ranchi, India, Guru Nanak College of Pharmaceutical Sciences, Uttarakhand, Dehradun, India, Department of Applied Sciences, Uttaranchal University, Uttarakhand, Dehradun, India; Slama P., Laboratory of Animal Immunology and Biotechnology, Department of Animal Morphology, Physiology and Genetics, Faculty of AgriSciences, Mendel University in Brno, Brno, Czech Republic	Frontiers in Microbiology	2023	1664302X	Scopus
68	Book chapter	NA	Role of bacteria in biological removal of environmental pollutants	Malik S.; Kishore S.; Kumar S.A.; Dhasmana A.	Malik S., Amity Institute of Biotechnology, Amity University Jharkhand, Jharkhand, Ranchi, India; Kishore S., Amity Institute of Biotechnology, Amity University Jharkhand, Jharkhand, Ranchi, India; Kumar S.A., Amity Institute of Biotechnology, Amity University Jharkhand, Jharkhand, Ranchi, India; Dhasmana A., Himalayan School of Biosciences, Swami Rama Himalayan University, Uttarakhand, Dehradun, India	Emerging Technologies in Applied and Environmental Microbiology: Developments in Applied Microbiology and Biotechnology	2023	978-032399895-6	Scopus
69	Book chapter	NA	Role of Nanoparticles in Agriculture	Parveen H.; Chaudhary P.; Srivastava P.; Priya S.; Bhandari G.; Chaudhary A.	Parveen H., Dairy Microbiology, Division National Dairy Research Institute, Karnal, India; Chaudhary P., School of Agriculture, Graphic Era Hill University, Uttarakhand, Dehradun, India; Srivastava P., Department of Microbiology, Govind Ballabh Pant University of Agriculture & Technology, Pantnagar, India; Priya S., Department of Microbiology, Govind Ballabh Pant University of Agriculture & Technology, Pantnagar, India; Bhandari G., Department of Biosciences, Swami Rama Himalayan University, Uttarakhand, Dehradun, India; Chaudhary A., School of Agriculture & Environmental Sciences, Shobhit University, Gangoh, India	Advances in Nanotechnology for Smart Agriculture: Techniques and Applications	2023	978-100088393-0; 978-103238547-1	Scopus

S. No.	Publication Type	Pubmed ID	Publication Title	Author/s Name	Institutional affiliation as mentioned in the publication	Journal Name	Year	ISBN/ISSN NUMBER	Indexing
70	Article	NA	Screening and molecular dynamics simulation of compounds inhibiting MurB enzyme of drug-resistant Mycobacterium tuberculosis: An in-silico approach	Verma A.; Kumar V.; Naik B.; Masood Khan J.; Singh P.; Erik Joakim Saris P.; Gupta S.	Verma A., Himalayan School of Biosciences, Swami Rama Himalayan University, Jolly Grant, Uttarakhand, Dehradun, 248140, India; Kumar V., Himalayan School of Biosciences, Swami Rama Himalayan University, Jolly Grant, Uttarakhand, Dehradun, 248140, India; Naik B., Department of Food Science and Technology, Graphic Era (Deemed to be University), Bell Road, Clement Town, Uttarakhand, Dehradun, 248002, India; Masood Khan J., Department of Food Science and Nutrition, Faculty of Food and Agricultural Sciences, King Saud University, 2460, Riyadh, 11451, Saudi Arabia; Singh P., Department of Biotechnology, Graphic Era (Deemed to be University), Bell Road, Clement town, Uttarakhand, Dehradun, 248002, India; Erik Joakim Saris P., Department of Microbiology, Faculty of Agriculture and Forestry, University of Helsinki, Finland; Gupta S., Himalayan School of Biosciences, Swami Rama Himalayan University, Jolly Grant, Uttarakhand, Dehradun, 248140, India	Saudi Journal of Biological Sciences	2023	1319562X	Scopus
71	Editorial Material	NA	The Role of Artificial Intelligence in Optimizing the Donation Process and Predicting Blood Thresholds	Raturi, Manish; Dhiman, Yashaswi; Khatiwada, Basanta; Gaur, Dushyant Singh; Adhikari, Bhawana; Rawat, Poonam	[Raturi, Manish; Dhiman, Yashaswi; Khatiwada, Basanta; Gaur, Dushyant Singh; Adhikari, Bhawana; Rawat, Poonam] Swami Rama Himalayan Univ, Himalayan Inst Med Sci, Dept Immunohematol & Blood Transfus, Swami Ram Nagar, Dehra Dun 248016, Uttarakhand, India	TRANSFUSION CLINIQUE ET BIOLOGIQUE	2023	NA	Web of Sciences

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72	Review	NA	Untapped potential of non-conventional rubus species: bioactivity, nutrition, and livelihood opportunities	Bhatt S.C.; Naik B.; Kumar V.; Gupta A.K.; Kumar S.; Preet M.S.; Sharma N.; Rustagi S.	Bhatt S.C., Department of Food Science and Technology, Graphic Era (Deemed to Be University), Bell Road, Clement Town, Uttarakhand, Dehradun, 248002, India; Naik B., Department of Food Science and Technology, Graphic Era (Deemed to Be University), Bell Road, Clement Town, Uttarakhand, Dehradun, 248002, India; Kumar V., Himalayan School of Biosciences, Swami Rama Himalayan University, Jolly Grant, Uttarakhand, Dehradun, 248016, India; Gupta A.K., Department of Food Science and Technology, Graphic Era (Deemed to Be University), Bell Road, Clement Town, Uttarakhand, Dehradun, 248002, India; Kumar S., Department of Food Science and Technology, Graphic Era (Deemed to Be University), Bell Road, Clement Town, Uttarakhand, Dehradun, 248002, India; Preet M.S., School of Agriculture, Graphic Era Hill University, Uttarakhand, Clement Town, Dehradun, India; Sharma N., World Resources Institute India, Hauz Khas, New Delhi, 110016, India; Rustagi S., Department of Food Technology, UCALS, Uttaranchal University, Uttarakhand, Dehradun, India	Plant Methods	2023	17464811	Scopus
73	Article	NA	Valorization of tender coconut mesocarp for the formulation of ready-to-eat dairy-based dessert (Kheer): Utilization of industrial by-product	Naik B.; Kumar V.; Gupta A.K.	Naik B., Department of Food Science and Technology, Graphic Era (Deemed to be) University, Bell Road, Clement Town, Uttarakhand, Dehradun, 248002, India; Kumar V., Himalayan School of Biosciences, Swami Rama Himalayan University, Jolly Grant, Uttarakhand, Dehradun, 248016, India; Gupta A.K., Department of Food Science and Technology, Graphic Era (Deemed to be) University, Bell Road, Clement Town, Uttarakhand, Dehradun, 248002, India	Journal of Agriculture and Food Research	2023	26661543	Scopus

S. No.	Publication Type	Pubmed ID	Publication Title	Author/s Name	Institutional affiliation as mentioned in the publication	Journal Name	Year	ISBN/ISSN NUMBER	Indexing
74	Article	NA	Whey-carrot based functional beverage: Development and storage study	Naik B.; Kohli D.; Walter N.; Gupta A.K.; Mishra S.; Khan J.M.; Saris P.E.J.; Irfan M.; Rustagi S.; Kumar V.	Naik B., Department of Food Science and Technology, Graphic Era (Deemed to be University), Uttarakhand, Dehradun, 248002, India; Kohli D., Department of Food Technology, Vignan University, Andhra Pradesh, Guntur, India; Walter N., Department of Food Science and Technology, Doon Group of Colleges, Uttarakhand, Selaqui, 248011, India; Gupta A.K., Department of Food Science and Technology, Graphic Era (Deemed to be University), Uttarakhand, Dehradun, 248002, India; Mishra S., Faculty of Agricultural Sciences, GLA University, UP, Mathura, India; Khan J.M., Department of Food Science and Nutrition, Faculty of Food and Agricultural Sciences, King Saud University, 2460, Riyadh, 11451, Saudi Arabia; Saris P.E.J., Department of Microbiology, Faculty of Agriculture and Forestry, University of Helsinki, Finland; Irfan M., Plant Biology Section, School of Integrative Plant Science, Cornell University Ithaca, NY, United States; Rustagi S., Department of Food Technology, UCALS, Uttaranchal University, Uttarakhand, Dehradun, India; Kumar V., Himalayan School of Biosciences, Swami Rama Himalayan University, Jolly Grant, Uttarakhand, Dehradun, 248016, India	Journal of King Saud University - Science	2023	10183647	Scopus
75	Article; Early Access	NA	Withania somnifera extract reduces gastric cancerous properties through inhibition of gankyrin in cellular milieu produced by Helicobacter pylori and Epstein Barr virus	Kashyap, Dharmendra; Roy, Rajarshi; Varshney, Nidhi; Baral, Budhadev; Bagde, Pranit Hemant; Kandpal, Meenakshi; Kumar, Sachin; Kar, Parimal; Jha, Hem Chandra	[Kashyap, Dharmendra; Roy, Rajarshi; Varshney, Nidhi; Baral, Budhadev; Bagde, Pranit Hemant; Kandpal, Meenakshi; Kar, Parimal; Jha, Hem Chandra] Indian Inst Technol Indore, Dept Biosci & Biomed Engn, Indore, India; [Kumar, Sachin] Swami Rama Himalayan Univ, Himalayan Sch Biosci, Dehra Dun, India; [Jha, Hem Chandra] Indian Inst Technol Indore, Dept Biosci & Biomed Engn, Infect Bioengn Grp, Lab POD 1B 602, Indore 453552, India; [Kar, Parimal] Indian Inst Technol Indore, Dept Biosci & Biomed Engn, Computat Biophys Grp, Indore 453552, India	JOURNAL OF BIOMOLECULAR STRUCTURE & DYNAMICS	2023	NA	Web of Sciences