

**Research Publication (2019-2023)**

S. No.	Title of paper	Name of the author/s	Department of the faculty	Name of journal	Calendar Year of publication
1	A sustainable approach to produce yeast lipid by utilizing marine macroalgae biomass	Manisha Nanda, Krishna Kumar Jaiswal, Jyoti Negi, Fábio de Farias Nevesd, J. Ranjitha, Makhail S. Vlaskin, Anatoly V. Grigorenko, P.K. Chauhan, Vinod Kumar	Biotechnology	Fuel	2023
2	Robust physical mutagenesis and multiomics for microalgae bioprospecting	Manisha Nanda Mikhail S. Vlaskin Vinod Kumar	Biotechnology	Trends in Plant Science	2023
3	Knowledge and Attitudes of Gut Health and Probiotics in Indian University Students	Deepti Gulati <sup>1*</sup> and Shubhangi	Biotechnology	Quaderns Journal	2023
4	TLC, DLC and platelet count in Young Female Population of Dehradun Region	Vinit Vishnoi, Upsana Raturi, D.K.Awasthi and Gyanendra Awasthi	Biochemistry	European Journal of Biomedical and Pharmaceutical Sciences	2023
5	Epidemiological Studies about Vitamin D status in pregnant women	Vineet Vishnoi, Rajesh Kumar Jha, D.K.Awasthi and Gyanendra Awasthi	Biochemistry	International Journal of Scientific Development and Research	2023
6	Vitamin D: A Brief Review	Vineet Vishnoi, Rajesh Kumar Jha, D.K.Awasthi and Gyanendra Awasthi	Biochemistry	International Journal of Novel Research and Development	2023
7	Thyroid Diseases :A Review	Vineet Vishnoi, Pankaj Kumar, D.K.Awasthi and Gyanendra Awasthi	Biochemistry	International Journal of Innovative Research in Technology	2023

8	Thyroid Profiling of Population in Dehradun Region	Vineet Vishnoi, Pankaj Kumar, D.K.Awasthi and Gyanendra Awasthi	Biochemistry	International Journal of Current Science	2023
9	Vitamin D and Micronutrients (Znic and Magnesium) status in Young females	Vineet Vishnoi, Aman Tadiyal, D.K.Awasthi and Gyanendra Awasthi	Biochemistry	International Journal of Innovative Research in Technology	2023
10	Impact of Petroleum Products on Liver Profile of Petrol Pump workers.	Gyanendra Awasthi, Deepali Joshi Vineet Vishnoi, and D.K.Awasthi	Biochemistry	International Journal of Current Science	2023
11	Antioxidant Defence Response and Micronutrient Content Availability in Cyamopsis Varieties in eCO <sub>2</sub> Concentration	Sonali Mehrotra and Karunaker P. Tripathi	Botany	International Journal of Plant and Environment	2023
12	Chir pine and banj oak responses to pre-monsoon drought across slope aspects and positions in central himalayas	Vidit Tyagi, Surendra P. Singh, Ripu Daman Singh & Surabhi Gumber	Botany	Environmental Monitoring and Assessment [Springer]	2023
13	Influence of slope position and aspect pn the vegetation attributes and tree-water relations in forests of the central Himalayas	Vidit Tyagi, Surendra P. Singh, Ripu Daman Singh, Surabhi Gumber, Rajesh Thadani & Rajiv Pandey	Botany	Journal of Mountain Science	2023
14	Consistent response to topographical variation in net assimilation rate across the central Himalayan broadleaved forests	Vidit Tyagi, Surendra P. Singh, Surabhi Gumber, Ripu Daman Singh	Botany	Acta Ecologica Sinica	2023

15	Study of Forest Fire Incidences and Management in Mussoorie Forest Range, Dehradun, Uttarakhand, India	Androse Chiri, Manish Kumar, Vikaspal Singh*, Sandhya Goswami, A K Uniyal, Rashmi T Chamoli	Forestry	Journal of Forest Research	2023
16	Potential of non-timber forest products in the household income of Tengenoupal district, Manipur, India	A.K. Uniyal, Khaling Silvia, Vikaspal Singh, Rashmi T. Chamoli	Forestry	Research Journal of Agriculture and Forestry Sciences	2023
17	Optimization of Siderophore Production by Bacillus subtilis DR2 and Its Effect on Growth Promotion of Coriandrum sativum	Sonali Kumari, Shilpi Kiran, Sushma Kumari, Pankaj Kumar, Abha Singh	Microbiology	Russian Agricultural Sciences	2023
18	Comparison of Antioxidant Properties and Flavonoid of Natural and in vitro Cultivated Nardostachys jatamansi	Hem Chandra Pant, Indra Rautela, Harsh Vardhan Pant, Arun Kumar, Pankaj Kumar, Kaneez Fatima, Naveen Gaurav	Microbiology	Agricultural Science Digest	2023
19	Characterization of culture condition dependent, growth responses of phosphate solubilizing bacteria (Bacillus subtilis DR2) on plant growth promotion of Hordeum vulgare	Sonali Kumari, Pankaj Kumar, Shilpi Kiran, Sushma Kumari & Abha Singh	Microbiology	Vegetos: An International Journal of Plant Research and Biotechnology (Springer)	2023

20	Genomics, Proteomics, and Metabolomics Approaches to Improve Abiotic Stress Tolerance in Tomato Plant	Bindu Naik, Vijay Kumar, Sheikh Rizwanuddin, Mansi Chauhan, Megha Choudhary, Arun Kumar Gupta, Pankaj Kumar, Vivek Kumar, Per Erik Joakim Saris, Muzamil Ahmad Rather, Shuvam Bhuyan, Panchi Rani, Sadhna Mishra, Sarvesh Rustagi	Microbiology	International Journal of Molecular Sciences	2023
21	Comparative study of ethanol production from sodium hydroxide pretreated rice straw residue using <i>Saccharomyces cerevisiae</i> and <i>Zymomonas mobilis</i>	Naveen Kumar, Anita Yadav, Gulab Singh, Ajay Singh, Pankaj Kumar & Neeraj K. Aggarwal	Microbiology	Archives of Microbiology	2023
22	Reconditioning of plant metabolism by arbuscular mycorrhizal networks in cadmium contaminated soils: Recent perspectives	Harmanjit Kaur, Tashima, Sandeep Singh, Pankaj Kumar	Microbiology	Microbiological Research	2023
23	Characterization and comparative assessment of bactericidal activity of carbon nanodots (CDs) and nanoparticles (CNPs) prepared from soot's of clarified butter and mustard oil, respectively	Vikas Pahal, Pankaj Kumar, Rahul Kumar, Parveen Kumar, Vinod Kuma	Microbiology	Journal of Applied Biology and Biotechnology	2023
24	Effect of Bio-Decolorised Spent Wash on Plant Growth Promotion	G. Singh, A. K. Singh, P. Kumar & M. Mandal	Microbiology	Russian Agricultural Sciences	2023
25	Eat Healthy to Keep UTI's at Bay	Tripti Malik	Microbiology	Journal Of Infectious Diseases & Microbiology	2023

26	Modernized Management of Biomedical Waste Assisted with Artificial Intelligence	Sarkar O, Dey AK, Malik T.	Microbiology	International Journal of Biomedical and Clinical Analysis	2023
27	Studies on antioxidant potential and total phenolic contents of dried powder and pulp of raw and ripe Carica papaya fruit	Bhardwaj Madhvi, Mahajan Babita, Kumar Ankush, Parcha Versha	Pharmaceutical Chemistry & Chemistry	Biomedicine	2023
28	Artificial intelligence: a virtual chemist for natural product drug discovery	Shefali Arora, Sukanya Chettri, Versha Percha, Deepak Kumar & Mamta Latwal	Pharmaceutical Chemistry & Chemistry	Journal of Biomolecular Structure and Dynamics	2023
29	Ashwagandha: A Flagship Herb of Ayurveda from Past to Present Nano Era	Shefali Arora, Krishna Samanta, Sukanya Chettri, Devendra Rawat, Versha Percha, Deepak Kumar	Pharmaceutical Chemistry & Chemistry	International Journal of Pharmaceutical Investigation	2023
30	Correlation between neck proprioception with neck pain and disability in patients with mechanical neck pain	Depte Warikoo, Ankita Pandey, Riya, Sumaiya Muneer, Mohit chatterjee	Physiotherapy	Indian Journal of Applied Research	2023
31	Immediate effect of nerve flossing technique on f-wave in piriformis syndrome	Depte Warikoo, Diksha bhatt, Mohit chatterjee, Riya, Sumaiya muneer	Physiotherapy	Journal of Emerging Technologies and Innovative Research	2023
32	Nerve conduction velocity of the tibial nerve of healthy male and female students at Dolphin institute- A comparative study	Warikoo Depte Agarwal Aditi Chatterjee Mohit Riya Muneer Sumaiya	Physiotherapy	Journal of Emerging Technologies and Innovative Research	2023

33	Effectiveness of trunk exercise on unstable surface for improving dynamic sitting balance, gait, function and fear of fall in elderly- an experimental study	Rawat Nidhi, Warikoo Deptee, Bhatt Sunil	Physiotherapy	International Journal of Research and Analytical Reviews	2023
34	Prevalence of musculoskeletal disorders among women workers of himadri hans handloom	Dr. Keerty Mathur, Dr. Nikita Arya, Dr. Deepty Mathur	Physiotherapy	Indian Journal of Applied Research	2023
35	Prevalence of knee dysfunction and its associated factors in housemaids in patiala.	Dr. Richa Agrawal, Harshita Raghu, Lovish Gupta	Physiotherapy	Indian Journal of Applied Research	2023
36	Effect of chemical herbicides and mechanical practices on yield, yield attributes and economics of Berley ( <i>Hordeum vulgare</i> L.) in valley condition of Dehradun	Kuldeep Kumar, Anil Kumar, Mayank Sharma, Abhishek Kumar Tyagi, Arnab Khanda and C. S. Pandey	Agriculture	Chemical Science Review and Letters	2022
37	Effects of seed treatment on termite damage in Wheat crop	Laishram Bikash Singh and Vikrant	Agriculture	The Pharma Innovation Journal	2022
38	Performance of paddy straw mulch and herbicides on weeds flora and yield of wheat ( <i>Triticum aestivum</i> L.) variety HD3086	Rahul Nayam, Pankaj Budakoti, Anuj Gupta, CS Pandey and Hunny Negi	Agriculture	The Pharma Innovation	2022
39	G6PD Deficiency in Dehradun Population	Rashmi, D K Awasthi. Gyanendra	Biochemistry	International Research Journal of Innovations in Engineering and Technology	2022

40	Iron Deficiency Anemia: A Review	Vineet Vishnoi, D. K. Awasthi and Gyanendra Awasthi	Biochemistry	World Journal of Pharmaceutical and Medical Research	2022
41	Red Cell Variables in Young Female Population of Dehradun Region	Vinit Vishnoi, Upsana Raturi, D.K.Awasthi and Gyanendra Awasthi	Biochemistry	European Journal of Biomedical and Pharmaceutical Sciences	2022
42	Bio-flocculation of oleaginous microalgae integrated with municipal wastewater treatment and its hydrothermal liquefaction for biofuel production	Krishna Kumar Jaiswal, Vinod Kumar, Prateek Gururani, Mikhail S. Vlaskin, Afreen Parveen, Manisha Nanda, Anna Kurbatova, Pankaj Gautam, Anatoly V. Grigorenko	Biotechnology	Environmental Technology and Innovation	2022
43	CRISPR-Cas9 mediated genome tailoring to improve nutritional quality and shelf life in crops: A review	Manami Chakravorty, Manisha Nanda, Neha Arora, Shalini Singh, Vinod Kumar, Sandhya Deshwal	Biotechnology	Plant Gene	2022
44	Sustainable algal biorefineries: capitalizing on many benefits of GABA	Neha Arora, Manisha Nanda, Vinod Kumar	Biotechnology	Trends in Biotechnology	2022
45	Observational study of human sperm survival & motility in two different mediums: a comparable analysis	Amar Chaudhary, Ram Dayal, Deepika Verma, Kamla Singh, Jeetendera Verma	Biotechnology	International Journal of Scientific Research in Modern Science and Technology	2022
46	Enhancement of Carbon Assimilates and Macronutrients in Legumes under Elevated CO2 Concentration	Sonali Mehrotra, Karunaker Prasad Tripathi	Botany	International Journal of Plant and Environment	2022

47	Biodiversity of Oak ( <i>Quercus leucotrichophora</i> ) dominated forest stands in Garhwal Himalaya, Uttarakhand, India	Vikaspal Singh, Sunil Prasad and Dhanpal Singh Chauhan	Forestry	Journal of Non-Timber Forest Products	2022
48	Digital library research using open source technology	Amit Sanotra Dr. Sanjay Kumar Aggarwal	Horticulture	International Journal of Research	2022
49	Antibacterial activity and hormetic response of silver nanoparticles synthesized using leaflet extract of wheat ( <i>Triticum aestivum</i> ) and rice ( <i>Oryza sativa</i> ) crop plants	Vikas Pahal, Pankaj Kumar, Parveen Kumar, Vinod Kumar	Microbiology	Journal of Applied Biology and Biotechnology	2022
50	Pesticide-Degrading and Phosphate-Solubilizing Bacilli Isolated from Agricultural Soil of Punjab (India) Enhance Plant Growth	P. Kumar, A. K. Rai, A. Gupta, H. Phukon, A. Singh, D. Kalita, S. Sharma, K. Harshvardhan & R. C. Dubey	Microbiology	Microbiology [Springer]	2022
51	Phytofabrication of gold and bimetallic gold-silver nanoparticles using water extract of wheatgrass ( <i>Triticum aestivum</i> ), their characterization and comparative assessment of antibacterial potential	Vikas Pahal, Pankaj Kumar, Parveen Kumar, Vinod Kumar	Microbiology	Plant Science Today	2022
52	Pathophysiology of SARS - nCoV-2: Structure, Mode of Infection and Possible Treatments	Neha Saini, Yunus Ali, Anjali Thapa, Priyanka Bankoti, Aashi Sharma, Priyanshi Sharma, Amanpreet Kaur, Naveen Gaurav, Pankaj Kumar	Microbiology	Plant Cell Biotechnology and Molecular Biology	2022



53	Effects of Corona Pandemic on Global Environment and Economy	Naveen Gaurav, Anjali Thapa, Yunus Ali, Ashish Kulshrestha, Neha Saini, Pramod Kumar Joshi, Himani Rawat, Amanpreet Kaur and Pankaj Kumar	Microbiology	Biotechnology Journal International	2022
54	Plant growth promoting and antagonistic Enterobacter sp. EPR4 from common bean rhizosphere of Garhwal Himalayan inhibits a soil-borne pathogen Sclerotinia sclerotiorum	Pankaj Kumar, Ramesh Chandra Dubey & Ashutosh Kumar Rai	Microbiology	Plant Science Today	2022
55	Chemical Composition, Antioxidant and Antimicrobial Potential of the Essential Oils from Aerial Parts of Tagetes patula L. at Different Phenological Stages	Meena Kafaltiya, Hema Lohani, Ujjwal Bhandari, S. Zafar Haider, Nirpendra Chauhan, Tripti Malik Ahuja, Shailja Pant & Neeta Joshi	Microbiology	Journal of Essential oil Bearing Plants	2022
56	Phenological Stage Specific Variations in Chemical Composition, Antioxidant and Antimicrobial Properties of the Essential Oils of Aerial Parts of Monarda didyma L. Cultivated Under Doon Valley Climatic Conditions of Uttarakhand, India	Meena Kafaltiya, Hema Lohani, S. Zafar Haider, Nirpendra Chauhan, Tripti Malik, Neeta Joshi & Shailja Pant	Microbiology	Journal of Essential oil Bearing Plants	2022
57	Phytochemical Investigation and Evaluation of Antioxidant and Antimicrobial Potential of Ardisia solanacea Leaf Extract	Kanwal Jeet, Versha parcha, Sas Bswas and Sukanya Chettri	Pharmaceutical Chemistry & Chemistry	International Journal for Research Trends and Innovation	2022

58	Overview: Insights on the Phytochemical, Pharmacological, and Biological Aspects of <i>Acorus calamus</i> and <i>Artemisia roxburghiana</i> : Wild Aromatic Plant Species of Himalayan Region of Uttarakhand	Versha Parcha, Sukanya Chhetri, Deepak Kumar and Rajendra Rana	Pharmaceutical Chemistry & Chemistry	GIS Science Journal	2022
59	Synthesis and Antihistaminic Potential of Some Novel Substituted Dinitrophenothiazine Derivatives	Dheeraj Bisht, Anita Singh, Ashok Sharma, Versha Parcha	Pharmaceutical Chemistry & Chemistry	Journal of Reports in Pharmaceutical Sciences	2022
60	Unravelling the therapeutic potential of orchid plant against cancer	Monu Kumar Shukla, Monika, Ashima Thakur, Rachna Verma, H. Lalhlenmawia, Sanjib Bhattacharyya, Dheeraj Bisht, Anita Singh, Versha Parcha, Deepak Kumar	Pharmaceutical Chemistry & Chemistry	South African Journal of Botany	2022
61	Development of biochar from crofton weed & relationship between biochar properties and its applicability as a heavy metal removal activity	Versha Parcha, Pankaj Bhandari and Amita Sati	Pharmaceutical Chemistry & Chemistry	Universities' Journal of Phyto-Chemistry and Ayurvedic Heights	2022
62	Antioxidant Potential of different extracts of <i>Xanthium strumarium</i> leaves	Deepak Kumar, Ashwani Sanghi, Shefali Arora, Shobhit Vidyarathi	Pharmaceutical Chemistry & Chemistry	Research Journal of Pharmacy and Technology	2022

63	Functional Status and Quality of Life of Judokas Due to Knee Injury	Deptee Warikoo, Harshita Raghu, Lovish Gupta	Physiotherapy	International Journal of Current Research and Review	2022
64	Effect Of Sensorimotor Integration Training On Balance, Neuromuscular Control And Reaction Time In Elderly	Ritika Mani, Deptee Warikoo, Sunil Bhatt	Physiotherapy	Indian Journal Of Applied Research	2022
65	Patients' Satisfaction For Physiotherapy Care In Various Health Centres In Derhradun	Alhaz Mansuri, Richa Agrawal, Deptee Warikoo, Mrinal Patel, Avani Kacha	Physiotherapy	Indian Journal Of Applied Research	2022
66	The Effectiveness Of Gastro-Soleus Stretching Program In Girls Wearing High Heels	Dr. Nidhi Rawat, Dr. Keerty Mathur, Dr. Deptee Warikoo, Dr Kritika Shukla	Physiotherapy	Indian Journal Of Applied Research	2022
67	Effect of feeding probiotics on body weight gain and economics importance in broiler chicks	Hitesh Singh, Manoj Kumar Bansala, Jagdeep Kumar, Somnath, Raj Kumar and Nazim Ali	Agriculture	Journal of Entomology and Zoology Studies	2021
68	Effect of Different Sowing Dates in Varieties on Growth and Yield of Hybrid Fodder Dual Purpose Maize (Zea mays) Crop in Doon Valley Condition in Uttarakhand	Saugandh Limbu, Manoj Kumar Bansala, Virendra Kumar and Joshep Reang	Agriculture	Frontiers in Crop Improvement	2021

69	Effect of various concentrations of organic and inorganic nutrients on growth of cowpea [ <i>Vigna unguiculata</i> (L.)] under valley conditions of Dehradun	Tenzin Dorjee, Jitendra Kumar Meena and CS Pandey	Agriculture	Journal of Pharmacognosy and Phytochemistry	2021
70	Management of root knot nematode ( <i>Meloidogyne incognita</i> ) in brinjal crop using various formulations of <i>Parthenium hysteriophours</i> in micro-plot condition	Ashutosh Shukla, Narender Kumar and Ramesh Chand	Agriculture	The Pharma Innovation Journal	2021
71	Integrated disease management (IDM) approaches for management of <i>Alternaria</i> blight disease in linseed ( <i>Linum usitatissimum</i> L.) caused by <i>Alternaria lini</i> Dey	Nareender Kumar, Samir Kumar Biswas and Ashutosh Shukla	Agriculture	The Pharma Innovation Journal	2021
72	A Review of prevalence of Glucose 6-phosphate dehydrogenase (G6PD) deficiency in India	Gyanendra Awasthi, Deepali Joshi and D K Awasthi	Biochemistry	Journal of Information and Computational Science	2021
73	The Impact of extremophilic Enzyme: Widely Application in Industrial uses.	Lekha Singh, Gaurav Sharma, Gyanendra Awasthi Lokendra Kumar	Biochemistry	International Journal of Environment, Science and Technology	2021

74	Graphitic bio-char and bio-oil synthesis via hydrothermal carbonization-co-liquefaction of microalgae biomass (oiled/de-oiled) and multiple heavy metals remediations	Krishna Kumar Jaiswal, VinodKumar, Ravikant Verma, Monu Verma, Arvind Kumar, Mikhail S.Vlaskin, Manisha Nanda, Hyunook Kim	Biotechnology	Journal of Hazardous material	2021
75	Microalgal Cd resistance and its exertions on pigments, biomass and lipid profiles	Manisha Nanda, Bhavna Chand, Tripti Bisht, Vinod Kumar & M. S. Vlaskin	Biotechnology	Bioremediation Journal	2021
76	Algae-based sustainable approach for simultaneous removal of micropollutants, and bacteria from urban wastewater and its real-time reuse for aquaculture	Vinod Kumar, Krishna Kumar Jaiswal, Monu Verma, Mikhail S.Vlaskin, Manisha Nanda, Pankaj Kumar Chauhan, AjaySingh, Hyunook Kim	Biotechnology	Science of The Total Environment	2021
77	Hydropyrolysis of freshwater macroalgal bloom for bio-oil and biochar production: Kinetics and isotherm for removal of multiple heavy metals	Krishna Kumar Jaiswal, Vinod Kumar, Mikhail S.Vlaskin, Manisha Nanda, Monu Verma, Waseem Ahmad, Hyunook Kim	Biotechnology	Environmental Technology & Innovation	2021
78	Integration of microalgal bioremediation and biofuel production: A 'clean up' strategy with potential for sustainable energy resources	Manisha Nanda, Bhavna Chand, Sunaina Kharayat, Tripti Bisht, Nisha Nautiyal, Sandhya Deshwal, Vinod Kumar	Biotechnology	Current Research in Green and Sustainable Chemistry	2021

79	Microalgae with a truncated light-harvesting antenna to maximize photosynthetic efficiency and biomass productivity: Recent advances and current challenges	Vinod Kumar, Nishesh Sharma, Krishna Kumar Jaiswal, Mikhail S. Vlaskin, Manisha Nanda, Manoj Kumar Tripathi, Sanjay Kumar	Biotechnology	Process Biochemistry	2021
80	Effect of catalyst and temperature on the quality and productivity of HTL bio-oil from microalgae: a review.	Nishesh Sharma, Krishna Kumar Jaiswal, Vinod Kumar, Mikhail S. Vlaskin, Manisha Nanda, Indra Rautela, Mahipal Singh Tomar, Waseem Ahmad	Biotechnology	Renewable Energy	2021
81	Micro-pollutant Pb (II) mitigation and lipid induction in oleaginous microalgae <i>Chlorella sorokiniana</i> UUIND6.	Manisha Nanda, Krishna Kumar Jaiswal, Vinod Kumar, Mikhail S. Vlaskin, Pankaj Gautam, Vivek anand Bahuguna, P K Chauhan	Biotechnology	Environmental Technology and Innovation	2021
82	<sup>1</sup> H NMR based Metabolomics and Lipidomics of Microalgae	Manisha Nanda, Vinod Kumar, Neha Arora, Mikhail S. Vlaskin, Manoj K. Tripathi	Biotechnology	Trends in Plant Science	2021
83	The potential of nuclear magnetic resonance (NMR) in metabolomics and lipidomics of microalgae-a review	Bhawna Bisht, Vinod Kumar, Prateek Gururani, Mahipal Singh Tomar, Manisha Nanda, Mikhail S. Vlaskin, Sanjay Kumar, Anna Kurbatova	Biotechnology	Archives of Biochemistry and Biophysics	2021
84	Impact of pyrene (polycyclic aromatic hydrocarbons) pollutant on metabolites and lipid induction in microalgae <i>Chlorella sorokiniana</i> (UUIND6) to produce renewable biodiesel	Krishna Kumar Jaiswal, Vinod Kumar, Mikhail S. Vlaskin, Manisha Nanda	Biotechnology	Chemosphere	2021

85	Production of high value-added biomolecules by microalgae cultivation in wastewater from anaerobic digestates of food waste: a review.	Vinod Kumar, Krishna Kumar Jaiswal, Mahipal Singh Tomar, Vishal Rajput, Shuchi Upadhyay, Manisha Nanda, Mikhail S. Vlaskin, Sanjay Kumar & Anna Kurbatova	Biotechnology	Biomass Conversion and Biorefinery	2021
86	Bio-remediation capacity for Cd (II) and Pb (II) from the aqueous medium by two novel strains of microalgae and their effect on lipidomics and metabolomics.	Manisha Nanda, Krishna Kumar Jaiswal, Vinod Kumar, Monu Verma, Mikhail S. Vlaskin, Prateek Gururani, Hyunook Kim, Mohamed Fahad Alajmi, Afzal Hussain	Biotechnology	Journal of Water Process Engineering	2021
87	Implications of bacterial multi-metal tolerance for mitigation of heavy metal pollutants from waste water	Manisha Nanda and Vinod Kumar	Biotechnology	Octa Journal of Bioscience	2021
88	Decolorization of dyes direct red 31 (DR 31); direct blue 71 (DB 71) and direct black 19 (DB 19) by newly isolated bacillus sp. DM1	Gulati Deepti, Gunwant Monika	Biotechnology	Journal of Bio Innovation	2021
89	Microbiological quality of spices marketed in Uttarakhand, India	Deepti Gulati, Nababrata Das	Biotechnology	Journal of Bio Innovation	2021
90	Physiological Performances of Cluster Bean Varieties in CO <sub>2</sub> Concentration under Free Air Concentration Enrichment System	Sonali Mehrotra, K P Tripathi	Botany	Advances in Plant Sciences	2021

91	Consumption Pattern Of Fuelwood And Fodder In Western Nayar Watershed At Puari Districtt Of Garhwal Himalaya, Uttarakhand, India	Kailash S Puspwan, Vikaspal Singh, Baikunth N Pandey	Forestry	Recent advances in Biology and Medicine	2021
92	Effect of different doses of nitrogen and phosphorus Fertilizers on nitrogenase activity in nodule of albizia Lebbeck benth	Rashmi T. Chamoli, Vikaspal Singh and A.K. Uniyal	Forestry	Indian Journal of Plant Sciences	2021
93	Gregarious flowering in Dendrocalamus strictus (Roxb.) Nees in Mussoorie Hills, Uttarakhand, India	Chandrima Debi, Sas. Biswas and Kahkashan Naseem	Forestry	GSC Biological and Pharmaceutical Sciences	2021
94	Analytical analysis of open source software usage in india	Amit Sanotra, Dr. Sanjay Kumar	Horticulture	Journal of Engineering, Computing & Architecture	2021
95	Formula refining through composite Blend of soya, Alfalfa and Wheat flour; A vegan Meat approach	Aditi Sharma, Kritika Rawat, Priyanka Jattan, Pradyuman Kumar, Ozlem Tokusoglu, Pankaj Kumar, Halil Vural, Ajay Singh	Microbiology	Journal of Food Processing and Preservation (WILEY)	2021
96	Mass Clonal Propagation of Mucuna Pruriens (Fabaceae) and an Assesment of its phytochemical properties.	Neha Saini, Naveen Gaurav, Arun Kumar, Hem Chadra Pant, Indra Rautela, Pankaj Kumar	Microbiology	Plant Cell Biotechnology and Molecular Biology	2021



97	Process Parameter Optimization for development of beer: Star Fruit Fortifies Approach	Harsha Pal, Ramandeep Kaur, Pankaj Kumar, Manju Nehra, Kritika Rawat, Nishant Grover, Ozlem Tokusoglu, Loveleen Kaur Sarao, Sandeep Kaur, Tanu Malik, Ajay Singh, Rajan Swami	Microbiology	Journal of Food Processing and Preservation	2021
98	Strain Improvement of Lactobacillus casei Strain Shirota for Production of Bacteriocin and Its Utilization as a Biopreservative	Gaurav Yadav, Gauri Singh, Ashok Singh, Pankaj Bhatt	Microbiology	Research & Reviews: Journal of Dairy Science & Technology	2021
99	A Clinical Approach as Multifarious Natural Remedy With Absolute Immunity	Shefali Arora Mahak Gusain Ravi Gunupuru Rohit Kaushik Pushpendu Sinha Deepak Kumar	Pharmaceutical Chemistry & Chemistry	European Journal of Molecular & Clinical Medicine	2021
100	Greener Approach to Metallic Nanoparticles: A Review	S. Arora, M. Latwal, K. D. Bahukhandi, D. Kumar, T. Vemulapalli, S. Egutoori and N. A. Siddiqui	Pharmaceutical Chemistry & Chemistry	Nature Environment and Pollution Technology	2021
101	Effect of methanol extract and its fractions of leaves of ougeinia oojeinensis on different biological activities	Deepak Kumar, Ashwani Sanghi, Shefali Arora, Abdullah, Mohd. Danish and Aditya Swarup	Pharmaceutical Chemistry & Chemistry	Wutan Huatan Jisuan Jishu	2021
102	Isolation and identification of an antioxidant constituent from Satyrium nepalense (Himalayan Orchid)	Monika Kawra, Sarla Saklani and Versha Parcha	Pharmaceutical Chemistry & Chemistry	Research Journal of Chemistry and Environment	2021

103	Evaluation of anti-microbial potential of structurally modified derivatives of lead compound berberine isolated from roots of berberis aristata	Versha Parcha, Diveya J. Singh, Deepak Kumar and Jaswinder K. Saini	Pharmaceutical Chemistry & Chemistry	Indian Drugs	2021
104	Antibacterial activity and phytochemical characterisation of Saussurea gossypiphora D. Don.	Abhay Prakash Mishra, Sarla Saklani, Versha Parcha, Manisha Nigam & Henrique D. M. Coutinho	Pharmaceutical Chemistry & Chemistry	Archives of Microbiology	2021
105	Awareness and effects of text neck syndrome in physiotherapy Students in dehradun	Deptee Warikoo , Yashwant Laxme	Physiotherapy	Global journal for research analysis	2021
106	Comparative Study between Pilates Exercises and Yoga in Young Adults with Non Specific Low Back Pain	Rajesh Kumar Modak, DR. Vivek Chauhan	Physiotherapy	International Journal of Pharmaceutical Research and Applications	2021
107	Nature and Pattern Of Neck and Shoulder Pain In Home Economist At Jhansi (U.P.)	Dr. Parul Singhal, DR. Vivek Chauhan	Physiotherapy	Paripex - Indian Journal of Research	2021
108	Prevalence of Upperlimb Musculoskeletal Pain among Hostel Housekeeper's	Akanksha, Dr. Vivek Chauhan	Physiotherapy	International Journal of Pharmaceutical Research and Applications	2021
109	Prevalence of Musculoskeletal Pain in Office Going Population of Gangtok	Tashi Ongmit Lepcha, Dr. Vivek Chauhan	Physiotherapy	International Journal of Pharmaceutical Research and Applications	2021
110	Wild Medicinal Plants and Agriculture Crop in the part of Doon Valley, Uttarakhand, India	Ganesh Datt Bhatt, Deepali Rana And Mahesh Singh	Zoology	Indian Forester	2021

111	Teratological evidences in fish fauna with reference to water quality of Doon Valley of Uttarakhand	Deepali Rana, Shashi K Gupta, Rahul Rana	Zoology	International Journal of Plant and Environment	2021
112	Using six parameter genetic model genetic analysis of micronutrients in cowpea [Vigna unguiculata (L.)Walp.]	Pallavi and Alankar Singh	Agriculture	The Pharma Innovation Journal	2020
113	Ananalysis of heterotic response for zinc and iron content in cowpea (Vigna unguiculata (L). Walp)	Pallavi, Alankar Singh and YV Singh	Agriculture	The Pharma Innovation Journal	2020
114	Diallel analysis for combining ability in cowpea (Vigna unguiculata (L.) Walp).	Pallavi, Alankar Singh and Sumit Chaudhary	Agriculture	The Pharma Innovation Journal	2020
115	Study of nature and magnitude of heterotic response in cowpea (Vigna unguiculata (L). Walp) for yield and its attributing components.	Pallavi, Alankar Singh and Sumit Chaudhary	Agriculture	Journal of Pharmacognosy and Phytochemistry	2020
116	Feeding effect of different level of fenugreek powder and vitamin E on carcass quality of broilers	Shiwanshu Tiwari, DS Sahu, Manoj Kumar Bansala, Balveer Singh, Nazim Ali, Rajbir Singh and Rajkumar	Agriculture	International Journal of Chemical Studies	2020
117	Impact of selenium and zinc supplementation on semen attributes of Murrah buffalo bulls	Harendra Singh Chauhan, Rajkumar, Shalu Kumar, Manoj Kumar Bansala, Amit Kumar, DS Sahu and BG Desai	Agriculture	Journal of Entomology and Zoology Studies	2020

118	Application of Methyl Methacrylate Polymer in dentistry	D. K. Awasthi and Gyanendra Awasthi	Biochemistry	European Journal of Biomedical and Pharmaceutical Sciences	2020
119	Application of Gold Nanoparticle in Medical Field	D. K. Awasthi, Gyanendra Awasthi and Kritika Verma	Biochemistry	World Journal of Pharmaceutical & Medical Research	2020
120	Climate change, infrared energy, orbital variation and their impacts	D. K. Awasthi and Gyanendra Awasthi	Biochemistry	World Journal of Pharmaceutical & Medical Research	2020
121	Phytochemical Analysis and Evaluation of Anti-inflammatory Activity of Bignonia venusta (Ker Gawl.) Miers Flower Extracts	Vidit Tyagi, Umar Farooq, Gyanendra Awasthi	Biochemistry	Universities Journal of Phytochemistry and Ayurvedic Heights	2020
122	Autocoids :A Brief Review	D.K Awasthi, Gyanendra Awasthi	Biochemistry	World Journal of Pharmaceutical & Medical Research	2020
123	Lipid Profiling in Mathura Population	Rashmi, Gyanendra Awasthi, D. K. Awasthi	Biochemistry	World Journal of Pharmaceutical & Medical Research	2020
124	In vitro investigation of anti-cancer potential of Spilanthes acmella	Shivsharan Singh, Satish K Verma, Santosh K Singh	Biochemistry	Journal of Pharmaceutical Sciences and Research	2020

125	Purification, Isolation and Characterization of Thermophilic esterase from <i>Rhodococcus</i> sp. LKE-021	Lekha Singh, Gaurav Sharma, Gyanendra Awasthi, Lokendra Kumar, Mohammad Irfan Ali and Sarmad Moin	Biochemistry	Journal of Pure and Applied Microbiology	2020
126	Small-scale phyco-mitigation of raw urban wastewater integrated with biodiesel production and its utilization for aquaculture	Neha Arora, Krishna Kumar Jaiswal, Vinod Kumar, M.S.Vlaskin, Manisha Nanda, Vikas Pruthi, PK Chauhan	Biotechnology	Bioresource Technology	2020
127	Microalgae fuel cell for wastewater treatment: Recent advances and challenges	Krishna Kumar Jaiswal, Vinod Kumar, M.S.Vlaskin, Nishesh Sharma, Indra Rautela, Manisha Nanda, Neha Arora, Ajay Singh, P.K.Chauhan	Biotechnology	Journal of Water Process Engineering	2020
128	Sustainability of <i>Ageratum conyzoides</i> (billy goat weed) for bioethanol and recycling of residues for gaseous fuel production	Shivam Pandey, Vinod Kumar, Mikhail S. Vlaskin, Manisha Nanda	Biotechnology	Engineering Reports	2020
129	Impact of glyphosate herbicide stress on metabolic growth and lipid inducement in <i>Chlorella sorokiniana</i> UUIND6 for biodiesel production	Krishna Kumar Jaiswal, Vinod Kumar, Mikhail S.Vlaskin, Manisha Nanda	Biotechnology	Algal Research	2020
130	Microwave-assisted pretreatment of harmful algal blooms for microbial oil-centered biorefinery approach	Vinod Kumar, Neha Arora, Shivam Pandey, Krishna Kumar Jaiswal, Manisha Nanda, M. S. Vlaskin & P. K. Chauhan	Biotechnology	Biomass Conversion and Biorefinery	2020

131	Hydrothermal liquefaction of municipal wastewater sludge and nutrient recovery from the aqueous phase	Vinod Kumar, Krishna Kumar Jaiswal, Mikhail S. Vlaskin, Manisha Nanda, M. K. Tripathi, Prateek Gururani, Sanjay Kumar & Harish Chandra Joshi	Biotechnology	Biofuels	2020
132	Micropropagation and Screening of Phytochemicals Present among in vitro Raised and Wild Plants of Rauvolfia serpentina	Vernika, Rohit Sharma, Ajay Singh, Shalini, Nishesh Sharma	Biotechnology	Walailak Journal of Science and Technology	2020
133	Preliminary Assessment of Vegetation Structure, Biomass and Carbon Stock in Shorea robusta, Tectona grandis and Quercus leucotrichophora Stand in Dehradun District, Uttarakhand, India	Tanuja Masiwal, Vikaspal Singh, Anil Kumar Uniyal	Forestry	Environment and Ecology	2020
134	Study of Land-Use Pattern Under Different Agroforestry System in a Part of Manipur, North- East India	Tuikhang Momsongak Koireng, Vikaspal Singh, Anil Kumar Uniyal, Rashmi and T. Chamoli	Forestry	ENVIS BULLETIN HIMALAYAN ECOLOGY	2020
135	HETRP: High Energy Efficient Trustable Routing Protocol for wireless sensor network	Musheer Vaquar, Sanjay Kumar Agarwal	Horticulture	International Journal of Innovative Technology and Exploring Engineering	2020
136	Effect of storage conditions on vermicompost quality	Pankaj Kumar, Pawan Sharma, Tilak Ranjan Kumar, H. C. Sharma and R. C. Dubey	Microbiology	Current Science	2020

137	Taro starch: Isolation, morphology, modification and novel applications concern - A review	Deepika Singla, Ajay Singh, Sanju Bala Dhull, Pradyuman Kumar, Tanu Malik, Pankaj Kumar	Microbiology	International Journal of Biological Macromolecules	2020
138	Recycling of chicken feather protein into Compost by chryso sporium indicum jk14 and their Effect on the growth promotion of zea mays	Jitendra Kumar, Pankaj Kumar, R. K. S. Kushwaha	Microbiology	Plant Cell Biotechnology and Molecular Biology	2020
139	Effect of silver nanoparticles and Bacillus cereus LPR2 on the growth of Zea mays	Pankaj Kumar, Vikas Pahal, Arti Gupta, Ruchi Vadhan, Harish Chandra & Ramesh Chandra Dubey	Microbiology	Scientific Reports (NATURE)	2020
140	Seed bio-priming with tri-species consortia of phosphate solubilizing rhizobacteria (PSR) and its effect on plant growth promotion	Pankaj Kumar, Abhinav Aeron, Niru Shaw, Ajay Singh, V K Bajpai, Shailja Pant, Ramesh Chandra Dubey	Microbiology	Heliyon (CELL PRESS)	2020
141	Decolorization of Distillery Effluent Waste by Microbial Consortium	Gauri Singh, and Ashok Kumar Singh	Microbiology	<i>Indonaceian journal of urban and environmental technology</i>	2020
142	Antidiabetic and Antihypertensive Properties of Chymotrypsin Treated Cow Milk Casein	Santosh Kumar, Suman Kumari, Vipin Kumar and Deepak Kumar	Pharmaceutical Chemistry & Chemistry	International Journal of Current Microbiology and Applied Sciences	2020
143	Evaluation of anthelmintic activity of bioactive peptides derived from enzyme treated goat milk Casein	Santosh Kumar, Vipin Kumar, Deepak Kumar, Ashwani Sanghi and Farhath Jan	Pharmaceutical Chemistry & Chemistry	Journal of Entomology and Zoology Studies	2020

144	Study on Phytoconstituents and Antimicrobial Potential of Sapindus mukorossi Fruit Extract	Versha Parcha , Amita Sati , Shivani Dyani	Pharmaceutical Chemistry & Chemistry	Universities' Journal of Phytochemistry and Ayurvedic Heights	2020
145	Tailoring of Colon Targeting with Sodium Alginate-Assam Bora Rice Starch Based Multi Particulate System Containing Naproxen	Manoj Kumar Sarangi, M.E. Bhanoji Rao, Versha Parcha, Aadesh Upadhyay	Pharmaceutical Chemistry & Chemistry	Starch	2020
146	Smart polymers for colon targeted drug delivery systems: a Review	Manoj Kumar Sarangi, M. E. Bhanoji Rao & Versha Parcha	Pharmaceutical Chemistry & Chemistry	International Journal Of Polymeric Material And Polymeric Biomaterials	2020
147	Preliminary Photochemical screening and Antioxidant activity of five medicinal plants of Garhwal Himalayas: a comparative study	Monika Kawra, Sarla Saklani & Versha Parcha	Pharmaceutical Chemistry & Chemistry	Vegetos: An International Journal of Plant Research and Biotechnology (Springer)	2020
148	Development and Characterization of Colon-targeting 5-Fluorouracil Multiparticulate Beads	M. K. Sarangi, M. E. Bhanoji Rao, Versha Parcha and A. Upadhyay	Pharmaceutical Chemistry & Chemistry	Indian Journal of Pharmaceutical Sciences	2020
149	Effect of Kinesiophobia on WOMAC, Balance and Range of Motion in Post total Knee Arthroplasty Patients	Deptee Warikoo and Manish Verma	Physiotherapy	International Journal of Pharmacy and Biological Sciences	2020



150	Study on the satellite based assessment of malariamosquitogenic conditions in and around Dehradun	Beena Joshi Bhatt	Zoology	International Journal of Mosquito Research	2020
151	Generation mean analysis using six parameters genetic model for quantitative traits in Cowpea ( <i>Vigna unguiculata</i> (L.) walp.)	Pallavi, Alankar Singh and Sumit chaudhary	Agriculture	International Journal of Current Microbiology and Applied Science	2019
152	Effect of Integrated nutrient management of Oat on succeeding Maize crop.	Alankar Singh, Pallavi and S.N.Dubey	Agriculture	International Journal of Current Microbiology and Applied Science	2019
153	Effect of various Sources of Nutrients on Oat fodder.	Alankar Singh and Pallavi	Agriculture	International Journal of Current Microbiology and Applied Science	2019
154	Achieving higher yield of fodder by assessment of the suitable variety of Oat.	Alankar Singh, Pallavi and Sumit Chuadhary	Agriculture	International Journal of Current Microbiology and Applied Science	2019
155	Integrated Plant Nutrient Supply and Future Challenges		Agriculture	Eastern Scientist	2019
156	Influence of integrated nutrient management on growth and yield of French bean ( <i>Phaseolus vulgaris</i> L.) Cv. Pant Anupama under valley conditions of Dehradun	Jitendra Kumar Meena, Anuj Gupta, Chandan Kumar, CS Pandey, NC Pant and Shivsharan Singh	Agriculture	Journal of Pharmacognosy and Phytochemistry	2019

157	Impact of Long Term Exposure to petroleum Products on Hematological Parameters in Petrol Pump workers of Dehradun Region.	Deepali Joshi, Gyanendra Awasthi and T. K. Mandal	Biochemistry	International Journal of Pure & Applied Bioscience	2019
158	Application of Transition metal complex in Medicine	D. K. Awasthi, Shefali Gupta and Gyanendra Awasthi	Biochemistry	World Journal of Pharmaceutical & Medical Research	2019
159	Impact of wildfire on Climate and Air Quality	DK Awasthi, Neha Verma, Gyanendra Awasth	Biochemistry	International Journal of Scientific and Research Publications	2019
160	Screening, Isolation and Identification of Thermophilic Esterase enzyme isolated from Phodococcus SP:LKE-021	Lekha Singh, Gaurav Sharma, Gyanendra Awasthi, Lokendra Kumar, Mohammad Irfan Ali and Sarmad Moin	Biochemistry	Journal of Pure and Applied Microbiology	2019
161	Effect of Diet Regimen in Comparison to Pharmacological Therapy in Treatment of Non-alcoholic Steatohepatitis Patients	S.I.Shalaby ,Abdel-Ghany S.M., Omar H.M, Abd-Elfattah, A.S, Abd-Elhady A.A, Abd- Elaziz E.A.K, Awashi G and Awasthi DK	Biochemistry	International Journal of Multidisciplinary Educational Research	2019
162	Role of Kidney in Acid Base Balance	D.K. Awasthi, Gynendra Awasthi, Said .I. Shalaby	Biochemistry	World Journal of Current Medical and Pharmaceutical Research	2019
163	Mechanism, Spectral Study, Chemical Composition of Gallblader Stones	D.K.Awasthi and Gyenendra Awasthi	Biochemistry	Journal of The Gujarat Research Society	2019

164	Application of Polymeric Chemical in Dentistry	D. K. Awasthi and Gyanendra Awasthi	Biochemistry	European Journal of Biomedical and Pharmaceutical Sciences	2019
165	Determination of Phytochemical Content and antioxidant activity in methanol and aqueous extract of <i>Acmella paniculata</i> : A Comparative study	Karishma Joshi, Surbhi Vashisht, I.P. Pandey, Gyanendra Awasthi and Shikha Saxena	Biochemistry	Universities Journal of Phytochemistry and Ayurvedic Heights	2019
166	Species composition and diversity of herbaceous vegetation in two major oak forests of Central Himalaya: An effect of aspect and slope	Vidit Tyagi	Botany	Journal of Emerging Technologies and Innovative Research. Vol.6, Issue.6, pp (655-664)	2019
167	Detoxification mechanism of organophosphorus pesticide via carboxylestrase pathway that triggers de novo TAG biosynthesis in oleaginous microalgae	Manisha Nanda, Vinod Kumar, Nighat Fatima, Vikas Pruthi, Monu Verma, P.K.Chauhan, Mikhail S.Vlaskin, Anatoly V.Grigorenko	Biotechnology	Aquatic Toxicology	2019
168	Multimetal tolerance mechanisms in bacteria: The resistance strategies acquired by bacteria that can be exploited to 'clean-up' heavy metal contaminants from water.	Manisha Nanda, Vinod Kumar, D.K.Sharma	Biotechnology	Aquatic Toxicology	2019

169	Evaluation, comparison of different solvent extraction, cell disruption methods and hydrothermal liquefaction of Oedogonium macroalgae for biofuel production.	Bharti Ramola, VinodKumar, Manisha Nanda, Yashi Mishra, Tushar Tyagi, Ayushi Gupta, Nishesh Sharma	Biotechnology	Biotechnology Reports	2019
170	Low-temperature catalyst based hydrothermal liquefaction of harmful macroalgal blooms, and aqueous phase nutrient recycling by microalgae.	Vinod Kumar, Sanjay Kumar, P. K. Chauhan, Monu Verma, Vivekanand Bahuguna, Harish Chandra Joshi, Waseem Ahmad, Poonam Negi, Nishesh Sharma, Bharti Ramola, Indra Rautela, Manisha Nanda & Mikhail S. Vlaskin	Biotechnology	Scientific Reports (Nature Research)	2019
171	Comparative efficacy of selected disinfectants against pathogenic bacteria isolated from hospital formites and disposal wastes	Deepti Gulati and Devirupa Chakraborty	Biotechnology	Current Trends in Biotechnology and Pharmacy	2019
172	Vegetation Analysis, Species Diversity and Productivity of Revegetated Semiarid Subtropical Forest in North India.	K. P. Tripathi	Botany	Indian Forester	2019
173	Image processing Using Ant Colony Optimization	Syed Hauider AbbasDr Sanjay Kumar AgarwalNazish Siddiqui	Horticulture	Journal of Engineering Technologies and Innovative Research	2019
174	A review on enhancement of medical images	Nand Lal Yadav, Sanjay Kumar Agarwal and Subhash Chand Yadav	Horticulture	International Journal of Interactive Computer Communication	2019

175	Ant Colony Optimization towards Image Processing	Syed Hauider Abbas,,Sanjay Kumar Agarwal	Horticulture	Journal of Advances and Scholarly Researches in Applied Education	2019
176	Target Object Tracking with Portable Sensors in Wireless sensor Network	Musheer Vaquar, Sanjay Kumar Agarwal	Horticulture	International Journal of Engineering and Advanced Technology	2019
177	Species richness, plant diversity and composition with respect to altitudinal variation in western nayar watershed, uttarakhand, india	Kailash Singh Puspwan, Vikaspal Singh and B.N.Pandey	Forestry	International Journal of Recent Scientific Research	2019
178	Variation in Species Distribution Pattern and Dominance with Altitude and Aspect of Garhwal Himalayan Oak Forest	Singh Vikaspal, Chauhan D.S., Dasgupta S	Forestry	Journal of Tree Sciences	2019
179	Food Industry waste as a growth medium for <i>Rhizobium</i>	Ashok Kumar Singh, Gauri Singh and Gaurav Yadav	Microbiology	International Journal of Pharmacy and Biological Sciences	2019
180	Variation in Physico-Chemical Properties of <i>Cymbopogon citrates</i> (DC. Ex Nees) essential oil from different locations of Uttarakhand, India	Versha Parcha, Alok Maithani, Neelam Yadav, Amita Sati	Pharmaceutical Chemistry & Chemistry	University Journal of Phytochemistry and Ayurvedic Heights	2019
181	Antihyperlipidemic Flavonoid Glycoside from <i>Salvadora oleoides</i> (Decne.)	Deepak Kumar & Versha Parcha	Pharmaceutical Chemistry & Chemistry	Journal of Biologically Active Products from Nature	2019

182	Isolation, Characterization and Cardioprotective Potential of Gratissinol from Chloroform Extract of <i>Ocimum Gratissimum</i> (Linn.) Leaves	Versha Parcha, ,Yogita Dobhal & D.C. Dhasmana	Pharmaceutical Chemistry & Chemistry	Journal of Biologically Active Products from Nature	2019
183	Isolation, Characterization, Synthetic modification and evaluation of antioxidant potential of Berberine from roots of <i>Berberis aristata</i>	Sushil Choudhary, Versha Parcha, Diviya Jyoti Singh and Deepak Kumar	Pharmaceutical Chemistry & Chemistry	Universities Journal of Phytochemistry and Ayurvedic Heights	2019
184	Plant Based Synthesis of Silver Nanoparticles from <i>Ougeinia oojeinensis</i> Leaves Extract and their Membrane Stabilizing, Antioxidant and Antimicrobial activities	Deepak Kumar, Shefali Aro ra, Abdullah, Mohd Danish	Pharmaceutical Chemistry & Chemistry	Materials Today: Proceedings	2019
185	Age, growth and length-weight relationship of <i>Cirrhinus mrigala</i> (Hamilton, 1822) from Yamuna River, Dehradun, Uttarakhand, India	Beena Joshi Bhatt, Shagolsem Aruna Chanu and Simeon Valleygate	Zoology	Journal of Experimental Zoology India	2019
186	Fenugreek ( <i>Trigonella foenum-graecum</i> L.) A potential source of dietary fibres and steroidal sapogenin (Diosgenin)	Naveen Chandra Pant, Rakesh Dhoundiyal, Manoj Kumar, Upendra Dwivedi, JP Singh and Sanjeev Agrawal	Agriculture	International Journal of Chemical Studies	2018

187	CuO nanoparticle mediated elicitation of polyphenols and antioxidant activity in chicory ( <i>Cichorium intybus</i> L.)	Lenin Laishram, Naveen Chandra Pant, Oinam Surjit Singh, Rakesh Dhoundiyal, Karishma Joshi and CS Pandey	Agriculture	International Journal of Chemical Studies	2018
188	Seed Priming- Quality enhancement technique	Vineeta Pandey and Parul Punetha	Agriculture	Indian Farmer	2018
189	Genetic variability and genetic divergence for seed yield and its component characters in grain amaranth ( <i>Amaranthus hypochondriacus</i> L.) germplasms	Shailendra Tiwari, Naveen Chandra Pant, Anuj Gupta, Upendra Dwivedi, Jitendra Kumar Meena, CS Pandey, Rakesh Dhoundiyal and Arun Bhatt	Agriculture	International Journal of Chemical Studies	2018
190	Studies on correlation and path coefficient analysis for yield and yield related traits in Indian mustard ( <i>Brassica juncea</i> L. Czern and Coss.) under timely and late sown conditions	Anuj Gupta, Naveen Chandra Pant, Upendra Dwivedi, Shailendra Tiwari, CS Pandey, Rakesh Dhoundiyal, KN Maurya and OP Verma	Agriculture	Journal of Pharmacognosy and Phytochemistry	2018
191	Effect of CuO nanoparticles on polyphenols content and antioxidant activity in Ashwagandha ( <i>Withania somnifera</i> L. Dunal)	Oinam Surjit Singh, Naveen Chandra Pant, Lenin Laishram, Manisha Tewari, Rakesh Dhoundiyal, Karishma Joshi and CS Pandey	Agriculture	Journal of Pharmacognosy and Phytochemistry	2018
192	Evaluation of Micronutrients in Fenugreek ( <i>Trigonella foenum-graecum</i> L.): A Viable Alternative for Micronutrient Supplementation	Naveen Chandra Pant, Manisha Tewari, Rakesh Dhoundiyal, C.S. Pandey, J.P. Singh and Sanjeev Agrawal	Agriculture	International Journal of Current Microbiology and Applied Sciences	2018
193	Transformation of some major nutrients in tea garden soils of North Bengal	Khanda A, Choudhary NB, Barman U, Mukherjee P, Pandey CS and Mukhopadhyay PK	Agriculture	International Journal of Chemical Studies	2018

194	Integrated nutrient management for sustainable yield in rice-potato-groundnut cropping system.	Khanda A, Choudhary NB, Roy M and Mukhopadhaya P	Agriculture	International Journal of Chemical Studies	2018
195	Effect of protein supplement on growth performance of Buffalo calves.	Sanjeev Kumar, Manoj Kumar Bansala, Deepak Sharma, Jagdeep Kumar, Hitash Singh, Rajkumar and D S Sahu	Agriculture	Journal of Pharmacognosy and Phytochemistry	2018
196	Pretreated animal and human waste as a substantial nutrient source for cultivation of microalgae for biodiesel production	Vinod Kumar, Akshay Kumar and Manisha Nanda	Biotechnology	Environmental Science and Pollution Research	2018
197	Production of biodiesel and bioethanol using algal biomass harvested from fresh water river	Vinod Kumar, Manisha Nanda, HC Joshi, Ajay Singh, Sonal Sharma, Monu Verma	Biotechnology	Renewable Energy	2018
198	Synergistic dynamics of light, photoperiod and chemical stimulants influences biomass and lipid productivity in Chlorella singularis (UUIND5) for biodiesel production	Vinod Kumar, Rajat Kumar, Deepa Rawat & Manisha Nanda	Biotechnology	Applied Biological Chemistry	2018
199	Integrated approach for extracting fuel, chemicals and residual carbon using pine needles	Vinod Kumar, Manisha Nanda, Manu Verma, Ajay Singh	Biotechnology	Biomass Conversion and Biorefinery	2018
200	The effect of ultraviolet radiation on growth, biomass, lipid accumulation and biodiesel properties of microalgae.	Vinod Kumar, Manisha Nanda, Sanjay Kumar, Pankaj K Chauhan	Biotechnology	Energy Sources, Part A: Recovery, Utilization, and environmental effects	2018



201	Analysis of phytochemical constituents of the methanolic extracts of leaves of Aconitum hetrophyllum using Gas chromatography-mass spectroscopy (GC-MS) Technique	Kamraj Sing Tomar, Shalini	Biotechnology	International Journal of Research in Ayurveda and Pharmacy	2018
202	Mineral composition of Berberis aristata DC roots	Ankita Sati, Sushil Chandra Sati, Jagmohan Singh Negi, OP Sati	Pharmaceutical Chemistry & Chemistry	Analytical Chemistry letters	2018
203	Simultaneous Determination of Losartan Potassium in Pharmaceutical Products by Reversed Phase High Performance Liquid Chromatography	Raju Chandra, Abhishek Saini , Ashwani Sanghi , Ganesh Pandey , Deepak Kumar	Pharmaceutical Chemistry & Chemistry	International Journal of Pharmaceutical And Clinical Research	2018
204	Observation on temperature variation in Alpine zone of Uttarakhand: A case study of Tungnath	Shailesh Pd. Vashist, Tahir Nazir, R K Pathak and S Nautiyal	Forestry	Journal of Plant Development Sciences	2018
205	Natural Regeneration study of four Rhododendron Species in Western Himalaya	Shailesh Pd. Vashist, Tahir Nazir, R K Pathak and S Nautiyal	Forestry	Journal of Plant Development Sciences	2018
206	Phytodiversity and stand characters of six Oak (Quercus leucotrichophora A. camus) forests in Garhwal Himalaya, Uttarakhand, India	Vikaspal Singh, Sunil Prasad and Dhanpal Singh Chauhan	Forestry	Forestry Ideas	2018

207	Effect of Stand Structure and aspect on the regeneration of banj oak ( <i>Quercus leucotrichophora</i> A. Camus) Forest along disturbance in Garhwal Himalaya, Uttarakhand, India	Vikaspal Singh, Dhanpal Singh Chauhan and Sabyasachi Dasgupta	Forestry	Forestry Studies	2018
208	Inventory of Traditional Knowledge on Medicinal Flora of Jardhar Village Ecosystem (Tehri Garhwal), Uttarakhand, India	Arti Kalaa and Sas Biswas	Forestry	International Journal of Current Science	2018
209	Antimicrobial Activity of Some Diaminobenzophenone Derivatives	Shefali Arora , Ajay Pratap , Shailey Singhal, Kanchan Deoli Bahukhandi , Shilpi Agarwal, Deepak Kumar	Pharmaceutical Chemistry & Chemistry	International Journal of Pharmaceutical Sciences Review and Research	2018
210	A review on Phytopharmacological Activity of <i>Plumeria</i> species	Shefali Arora, Kanchan Deoli Bhaukhandi, Shailey Singhal, Mamta Latwal, Tanuja Uniyal Sati, Deepak Kumar	Pharmaceutical Chemistry & Chemistry	International Journal of Engineering, Science and Mathematics	2018
211	Membrane Stabilizing and Antioxidant Activity of <i>Ougeinia oojeinensis</i> Seed Extracts and Their Fatty Acid Composition	Deepak Kumar, Ashwani Sanghi, Raju Chandra, Shefali Arora , Gaurav Tiwari, and Vaishali Mishra	Pharmaceutical Chemistry & Chemistry	Research Journal of Pharmaceutical , Biological and Chemical Sciences	2018
212	Membrane Stabilizing and Antioxidant activity of <i>Myrica esculenta</i> leaves extracts	Deepak Kumar, Ashwani Sanghi, Shefali Arora , Gaurav Tiwari, Raju Chandra, Shekhar	Pharmaceutical Chemistry & Chemistry	Saudi Journal of Medical and Pharmaceutical Sciences	2018
213	Bio-inspired dechlorination of polyvinyl chloride	Ritu Singh, Deepak Pant	Pharmaceutical Chemistry & Chemistry	Chemical Engineering Research and Design	2018

214	Effect of smart phone on cervical muscle endurance, disability and range of motion	Deptee Warikoo, Stuti Mittal and Vishal Warikoo	Physiotherapy	Indian Journal of Applied Research	2018
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