

Swami Rama Himalayan University
Himalayan School of Biosciences

Publication 2019

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	A novel approach of biomineralization for improving micro and macro-properties of concrete	Chaurasia L.; Bisht V.; Singh L.P.; Gupta S.	Chaurasia L., CSIR-Central Building Research Institute, Roorkee, 247667, India; Bisht V., CSIR-Central Building Research Institute, Roorkee, 247667, India, Uttarakhand Technical University, Dehradun, 248007, India; Singh L.P., CSIR-Central Building Research Institute, Roorkee, 247667, India; Gupta S., Swami Rama Himalayan University, Dehradun, 248016, India	Construction and Building Materials	2019	9500618	Scopus

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2	Article	NA	A Versatile Pre and Post Ugi Modification for the Synthesis of Natural Product Inspired Fused Peptide-Carboline Scaffolds as Potential Anti-Leishmanial Agents	Khan I.; Singh J.; Kumar V.; Verma V.P.; Shukla M.; Dhasmana A.; Naruka P.S.; Goswami A.K.; Ameta K.L.; Khan S.	Khan I., Coordination Chemistry Laboratory, Department of Chemistry, Mohan Lal Sukhadia University, Udaipur, Rajasthan, India; Singh J., Department of pharmacy, Dr. Bhim Rao Ambedkar University, Agra, 282002, India; Kumar V., Human Genome and Stem-cell Center (HUG-CELL), Department of Genetics & Evolutionary Biology, Institute of Biosciences, University of São Paulo, Butanta, São Paulo, 05,508,090, SP, Brazil; Verma V.P., Department of Chemistry, Banasthali	ChemistrySelect	2019	23656549	Scopus
3	Book chapter	NA	Application of Nanotechnology in Diagnosis, Drug Dissolution, Drug Discovery, and Drug Carrier	Mishra A.K.	Mishra A.K., Himalayan School of Biosciences, Swami Rama Himalayan University, Jollygrant, Dehradun, Uttarakhand, India	Nanotechnology in the Life Sciences	2019	25238027	Scopus

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4	Article; Book Chapter	NA	Bacillus Species: A Potential Plant Growth Regulator	Rani, Usha; Sharma, Shivesh; Kumar, Vivek	[Rani, Usha; Kumar, Vivek] Swami Rama Himalayan Univ, Himalayan Sch Biosci, Dehra Dun, Uttarakhand, India; [Sharma, Shivesh] MLN Natl Inst Technol, Dept Biotechnol, Allahabad, Uttar Pradesh, India	BACILLI AND AGROBIOTECHNOLOGY: PHYTOSTIMULATION AND BIOCONTROL, VOL 2	2019	NA	Web of Sciences
5	Article	NA	Comparison of color spaces for the severity analysis of mitral regurgitation	Balodi A.; Anand R.S.; Dewal M.L.; Rawat A.	Balodi A., Department of Electrical Engineering, Indian Institute of Technology Roorkee, Roorkee, 247 667, India; Anand R.S., Department of Electrical Engineering, Indian Institute of Technology Roorkee, Roorkee, 247 667, India; Dewal M.L., Department of Electrical Engineering, Indian Institute of Technology Roorkee, Roorkee, 247 667, India; Rawat A., Department of Cardiology, Swami Rama Himalayan University, Dehradun, 248 016, India	International Journal of Information Technology (Singapore)	2019	25112104	Scopus

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6	Book chapter	NA	Elucidation of scavenging properties of nanoparticles in the prevention of carcinogenicity induced by cigarette smoke carcinogens: An in silico study	Jamal Q.M.S.; Alharbi A.H.; Lohani M.; Siddiqui M.U.; Ahmad V.; Dhasmana A.; Ansari M.A.; Siddiqui M.H.; Kesari K.K.	Jamal Q.M.S., Department of Health Informatics, College of Public Health and Health Informatics, Qassim University, Al Bukayriyah, Saudi Arabia, Novel Community Global Educational Foundation, Sydney, 2770, NSW, Australia; Alharbi A.H., Department of Health Informatics, College of Public Health and Health Informatics, Qassim University, Al Bukayriyah, Saudi Arabia; Lohani M., Research & Scientific Studies Unit, College of Nursing & Allied Health Sciences, Jazan University, Jazan, Saudi Arabia; Siddiqui	Environmental Science and Engineering	2019	18635520	Scopus

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7	Article; Book Chapter	NA	High-Throughput Virtual Screening (HTVS) of Natural Compounds and Exploration of Their Biomolecular Mechanisms: An In Silico Approach	Dhasmana, Anupam; Raza, Sana; Jahan, Roshan; Lohani, Mohtashim; Arif, Jamal M.	[Dhasmana, Anupam] Swami Rama Himalayan Univ, Himalayan Sch Biosci, Dehra Dun, Uttarakhand, India; [Dhasmana, Anupam] Swami Rama Himalayan Univ, Canc Res Inst, Dehra Dun, Uttarakhand, India; [Raza, Sana; Jahan, Roshan; Arif, Jamal M.] Integral Univ, Dept Biosci, Lucknow, Uttar Pradesh, India; [Lohani, Mohtashim] Jazan Univ, Coll Appl Med Sci, Jazan, Saudi Arabia	NEW LOOK TO PHYTOMEDICINE: ADVANCEMENTS IN HERBAL PRODUCTS AS NOVEL DRUG LEADS	2019	NA	Web of Sciences

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8	Book	NA	In vitro plant breeding towards novel agronomic traits: Biotic and abiotic stress tolerance	Kumar M.; Muthusamy A.; Kumar V.; Bhalla-Sarin N.	Kumar M., Department of Life Sciences, Central University of Jharkhand, Ranchi, Jharkhand, India; Muthusamy A., Department of Plant Sciences, Manipal School of Life Sciences, Manipal Academy of Higher Education, Manipal, Karnataka, India; Kumar V., Himalayan School of Biosciences, Swami Rama Himalayan University, Jolly Grant, Dehradun, Uttarakhand, India; Bhalla-Sarin N., School of Life Sciences, Jawaharlal Nehru University, New Delhi, Delhi, India	In vitro Plant Breeding towards Novel Agronomic Traits: Biotic and Abiotic Stress Tolerance	2019	978-981329824-8; 978-981329823-1	Scopus

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9	NA	NA	In-silico study of antiurolithiatic activities of compounds extracted from horse gram (Macrotyloma uniflorum) collected from Uttarakhand (India) as xanthine dehydrogenase inhibitor by molecular docking	Netrapal Sharma., Satpal Singh Bisht., Sanjay Gupta., Mahendra Rana., Ajay Kumar and Rajesh Pathak	Swami Rama Himalayan University	Int J. Recent Sci. Res.	2019	0976-3031	UGC and other indexed Journals
10	Research Article	3E+07	Investigation of Precise Molecular Mechanistic Action of Tobacco-Associated Carcinogen `NNK` Induced Carcinogenesis: A System Biology Approach	Anukriti; Dhasmana A, Uniyal S, Somvanshi P, Bhardwaj U, Gupta M, Haque S, Lohani M, Kumar D, Ruokolainen J, Kesari KK.	Swami Rama Himalayan University, Jolly Grant, Dehradun, India	Genes (Basel)	2019	NA	Pubmed

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11	NA	NA	Investigation the antilithiatic potential of horse gram (Macrotyloma uniflorum) seeds extracts on experimental kidney stones from high altitude of uttarakhand (India).	Netrapal Sharma*, Satpal Singh Bisht, Sanjay Gupta and Ajay Kumar	Swami Rama Himalayan University	European J Pharma Med Res,	2019	2394-3211	UGC and other indexed Journals

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12	Article	NA	Isodeoxyelephantopin, a Sesquiterpene Lactone Induces ROS Generation, Suppresses NF- κ B Activation, Modulates LncRNA Expression and Exhibit Activities Against Breast Cancer	Verma S.S.; Rai V.; Awasthee N.; Dhasmana A.; Rajalaksmi D.S.; Nair M.S.; Gupta S.C.	Verma S.S., Laboratory for Translational Cancer Research, Department of Biochemistry, Institute of Science, Banaras Hindu University, Varanasi, 221 005, India; Rai V., Laboratory for Translational Cancer Research, Department of Biochemistry, Institute of Science, Banaras Hindu University, Varanasi, 221 005, India; Awasthee N., Laboratory for Translational Cancer Research, Department of Biochemistry, Institute of Science, Banaras Hindu University, Varanasi, 221 005, India;	Scientific Reports	2019	20452322	Scopus

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13	Book	NA	Microbial action on hydrocarbons	Kumar V.; Kumar M.; Prasad R.	Kumar V., Himalayan School of Biosciences, Swami Rama Himalayan University, Dehradun, Uttarakhand, India; Kumar M., Centre for Life Sciences, Central University of Jharkhand, Ranchi, Jharkhand, India; Prasad R., Amity Institute of Microbial Technology, Amity University, Noida, Uttar Pradesh, India	Microbial Action on Hydrocarbons	2019	978-981131840-5; 978-981131839-9	Scopus
14	Book chapter	NA	Microbial Bioformulations: Present and Future Aspects	Rani U.; Kumar V.	Rani U., Himalayan School of Biosciences, Swami Rama Himalayan University, Dehradun, Uttarakhand, India; Kumar V., Himalayan School of Biosciences, Swami Rama Himalayan University, Dehradun, Uttarakhand, India	Nanotechnology in the Life Sciences	2019	25238027	Scopus

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15	Book chapter	NA	Microbial potential and biofuel production	Teotia P.; Kumar M.; Kumar V.	Teotia P., Department of Botany, CCS University, Meerut, India; Kumar M., Centre for Life Sciences, Central University of Jharkhand, Ranchi, Jharkhand, India; Kumar V., Himalayan School of Biosciences, Swami Rama Himalayan University, Dehradun, India	Sustainable Green Technologies for Environmental Management	2019	978-981132772-8; 978-981132771-1	Scopus

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16	Book	NA	Microbiome in Plant Health and Disease: Challenges and Opportunities	Kumar V.; Prasad R.; Kumar M.; Choudhary D.K.	Kumar V., Himalayan School of Biosciences, Swami Rama Himalayan University, Uttarakhand, Dehradun, India; Prasad R., School of Environmental Science & Engg, Sun Yat-Sen University, Guangzhou, Guangzhou, China; Kumar M., Centre for Life Sciences, Central University of Jharkhand, Jharkhand, Ranchi, India; Choudhary D.K., Amity Institute of Microbial Technology, Amity University, Uttar Pradesh, Noida, India	Microbiome in Plant Health and Disease: Challenges and Opportunities	2019	978-981138495-0; 978-981138494-3	Scopus
17	Book chapter	NA	Microbiome: Effect on plant system, current application and future aspect	Sahai P.; Kumar V.	Sahai P., Amity Institute of Biotechnology, Amity University, Noida, India; Kumar V., Himalayan School of Biosciences, Swami Rama Himalayan University, Jolly Grant, Dehradun, Uttarakhand, India	In vitro Plant Breeding towards Novel Agronomic Traits: Biotic and Abiotic Stress Tolerance	2019	978-981329824-8; 978-981329823-1	Scopus

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18	Article	NA	Molecular mechanism of cancer susceptibility associated with Fok1 single nucleotide polymorphism of VDR in relation to breast cancer	Raza S.; Dhasmana A.; Bhatt M.L.B.; Lohani M.; Arif J.M.	Raza S., Department of Biosciences, Integral University, India; Dhasmana A., Himalayan School of Biosciences and Cancer Research Institute, Swami Rama Himalayan University, Dehradun, India; Bhatt M.L.B., Department of Radiotherapy, King George Medical University, Lucknow, India; Lohani M., College of Applied Medical Sciences, University of Jazan, Saudi Arabia; Arif J.M., Department of Biosciences, Integral University, India	Asian Pacific Journal of Cancer Prevention	2019	15137368	Scopus

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19	Review	NA	Nanomaterials and microbes' interactions: a contemporary overview	Singh J.; Vishwakarma K.; Ramawat N.; Rai P.; Singh V.K.; Mishra R.K.; Kumar V.; Tripathi D.K.; Sharma S.	Singh J., Department of Biotechnology, Motilal Nehru National Institute of Technology Allahabad, Prayagraj, 211004, Uttar Pradesh, India; Vishwakarma K., Department of Biotechnology, Motilal Nehru National Institute of Technology Allahabad, Prayagraj, 211004, Uttar Pradesh, India; Ramawat N., Amity Institute of Organic Agriculture, Amity University Uttar Pradesh, I 2 Block, 5th Floor, AUUP Campus Sector-125, Noida, 201313, India; Rai P., Department of Biotechnology, Motilal Nehru National Institute of Technology Allahabad, Prayagraj	3 Biotech	2019	2190572X	Scopus

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20	Article	NA	Niacin deficiency modulates genes involved in cancer: Are smokers at higher risk?	Lohani M.; Dhasmana A.; Haque S.; Dar S.A.; Jawed A.; Wahid M.; Mandal R.K.; Akhter N.; Farasani A.; Hobani Y.H.; Singh A.; Hussain S.	Lohani M., Emergency Medical Services, College of Applied Medical Sciences, Jazan University, Jazan, Saudi Arabia, Department of Biosciences, Integral University, Lucknow, India; Dhasmana A., Department of Biosciences, Integral University, Lucknow, India, Department of Biosciences, Swami Rama Himalayan University, Dehradun, India; Haque S., Research and Scientific Studies Unit, College of Nursing and Allied Health Sciences, Jazan University, Jazan, Saudi Arabia; Dar S.A., Research and Scientific Studies	Journal of Cellular Biochemistry	2019	7302312	Scopus
21	NA	NA	Nutraceutical evaluation of horse gram (Macrotyloma uniflorum) cultivated in high altitudes of Uttarakhand Himalaya,	Netrapal Sharma1*, Satpal Singh Bisht1, Sanjay Gupta2, Mahendra Rana3and Ajay Kumar1	Swami Rama Himalayan University	India Ind. J. Pure App	2019	2582 – 2845	UGC and other indexed Journals

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22	Book chapter	NA	Perceptions of Microbe–Microbe and Plant–Microbiome Interfaces: The Metagenomic Maneuver	Verma N.; Kumar V.	Verma N., Department of Medical Mycology, VP Chest Institute, University of Delhi, Delhi, India; Kumar V., Himalayan School of Biosciences, Swami Rama Himalayan University, Uttarakhand, Dehradun, India	Microbiome in Plant Health and Disease: Challenges and Opportunities	2019	978-981138495-0; 978-981138494-3	Scopus
23	NA	NA	Reactive Nitrogen species and its Biological effects	Akhilesh Kumar, Gaurav Nautiyal	Swami Rama Himalayan University	Journal of Pharmacognosy and phytochemistry	2019	2349-8234, 2278-4136	UGC and other indexed Journals

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24	Article	NA	Screening of agro-industrial waste and physical factors for the optimum production of pullulanase in solid-state fermentation from endophytic <i>Aspergillus</i> sp.	Naik B.; Goyal S.K.; Tripathi A.D.; Kumar V.	Naik B., Department of Farm Engineering, Institute of Agricultural Sciences, Banaras Hindu University, Varanasi, 221005, Uttar Pradesh, India; Goyal S.K., Department of Farm Engineering, Institute of Agricultural Sciences, Banaras Hindu University, Varanasi, 221005, Uttar Pradesh, India; Tripathi A.D., Centre of Food Science and Technology, Institute of Agricultural Sciences, Banaras Hindu University, Varanasi, 221005, Uttar Pradesh, India; Kumar V., Department of Biosciences, Swami Rama Himalayan	Biocatalysis and Agricultural Biotechnology	2019	18788181	Scopus

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25	Book chapter	NA	System network biology approaches in exploring of mechanism behind mutagenesis	Anukriti; Uniyal S.; Dhasmana A.; Gupta M.; Kesari K.K.; Jamal Q.M.S.; Lohani M.	Anukriti, Himalayan School of Biosciences, Swami Rama Himalayan University, Dehradun, India; Uniyal S., School of Biotechnology, Gautum Buddha University, Greater Noida, India; Dhasmana A., Himalayan School of Biosciences & Cancer Research Institute, Swami Rama Himalayan University, Dehradun, India; Gupta M., Department of Radiotherapy, Cancer Research Institute, Swami Rama Himalayan University, Dehradun, India; Kesari K.K., Department of Chemical Engineering	Environmental Science and Engineering	2019	18635520	Scopus