

Publications: Journals

Title of the Paper	Author(s)	Journal's Name	Year of Publication	DOI	ISSN
Assessment of Probiotic and Antioxidant Potential of Indigenous <i>Lactobacillus</i> Strains Isolated from Human Faecal Samples	Debnath, N., Yadav, P. & Yadav, A.K	Indian journal of microbiology	2023	10.1007/s12088-023-01129-x	0973-7715
Designer probiotics: Opening the new horizon in diagnosis and prevention of human diseases	Debnath N, Yadav P, Mehta PK, Gupta P, Kumar D, Kumar A, Gautam V, Yadav AK.	Biotechnology and Bioengineering	2023	10.1002/bit.28574	10970290
Expression of heterologous heparan sulphate binding protein of <i>Helicobacter pylori</i> on the surface of <i>Lactobacillus rhamnosus</i> GG.	AK Yadav, SR Varikuti, A Kumar, M Kumar, N Debanth, H Rajkumar	3 Biotech	2023	10.1007/s13205-022-03428-4	21905738
<i>Geobacillus thermoleovorans</i> MTCC 13131: An Amide-Hydrolyzing Thermophilic Bacterium Isolated from a Hot Spring of Manikaran.	A Kumar, R Shahul, R Singh, S Kumar, AK Yadav, PK Mehta	Ind. J Microbiol.	2022	10.1007/s12088-022-01042-9	0046-8991
Advanced diagnostic methods for identification of bacterial foodborne pathogens: Contemporary and upcoming challenges. .	S Panwar, N. Debnath, P Yadav, AK Yadav, A Kumar.	Critical Reviews in Biotechnology	2022	10.1080/07388551.2022.2095253	15497801, 07388551.
Probiotics as a biotherapeutics for the management and prevention of respiratory tract diseases.	N. Debnath, A. Kumar, AK Yadav	Microbiology and Immunology	2022	10.1111/1348-0421.12980	03855600, 13480421
Insight of oral vaccines as an alternative approach to health and disease management: An innovative intuition and challenges.	N. Debnath, M. Thakur, Khushboo, NP Negi, Vibhav Gautam, AK Yadav and D. Kumar	Biotechnology and Bioengineering.	2021	10.1002/bit.27987	1097-0290
Gut-microbiota derived bioactive metabolites and their functions in host physiology.	N. Debnath, R. Kumar, A. Kumar, PK Mehta , AK Yadav	Biotechnology and genetic engineering Reviews	2021	10.1080/02648725.2021.1989847	1097-0290
Adhesion of Lactobacilli and their anti infectivity potential.	AK Yadav, A Tyagi, A Kumar, S Panwar, S Grover, AC Saklani, R Hemalatha, VK Batish	Critic. Rev. Food Sc. Nutri.	2017	10.1080/10408398.2014.918533.	1549-7852

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Bioengineered probiotics as a new hope for health and diseases: an overview of potential and prospects.	Kumar M, Yadav AK, Verma V, Singh B, Mal G, Nagpal R, Hemalatha R	Future Microbiol.	2016	10.2217/fmb.16.4. Epub 2016 Apr 12	1746-0921
Functional expression of recombinant goat chymosin in <i>Pichia pastoris</i> bioreactor cultures: A commercially viable alternate.	A Tyagi, A. Kumar, AK. Yadav, AC Saklani, S. Grover , VK. Batish.	LWT - Food Science and Technology.	2016	10.1016/j.lwt.2016.01.015	0023-6438
Adhesion of Indigenous <i>Lactobacillus plantarum</i> to Gut Extracellular Matrix and its Physico-chemical Characterization.	AK Yadav, A Tyagi, A Kumar, S Grover, AC Saklani, VK Batish.	Arch Microbiol.	2015	10.1007/s00203-014-1034-7. Epub 2014 Sep 12.	0302-8933
Gut Microbiota in health disease: An overview focused on metabolic inflammation	R. Nagpal, M. Kumar, AK Yadav, R. Hemalatha, H. Yadav, F. Marotta, Y. Yamashiro.	Beneficial Microbes.	2015	10.3920/bm2015.0062. Epub 2015 Dec 8.	1871-1413
Association analysis of polymorphism in thyroglobulin gene promoter with milk production traits in riverine buffalo (<i>Bubalus bubalis</i>).	P.K. Dubey, S. Goyal, S.K. Mishra, A.K. Yadav, P. Kathiravan, R. Arora, R. Malik, R.S. Kataria	Meta Gene 5	2015	10.1016/j.mgene.2015.07.005. eCollection 2015 Sep.	2773-0441
Genetic diversity analysis of the thyroglobulin gene promoter in buffalo and other bovines.	P K Dubey, S Goyal, AK Yadav, BR Sahoo, N Kumari, SK Mishra, SK Niranjana, R Arora, M Mukesh, RS Katari.	Livestock Science. 1	2014	https://doi.org/10.1016/j.livsci.2014.06.007	1871-1413
Potential of probiotics as a versatile remedy for women's urogenital health: An optimistic perspective.	R Hemalatha, M Kumar, AK Yadav, SR. Varikuti, R Nagpal, Y Yamashiro, F Marotta	Int. J. Probiot. Prebiot.	2014	-	1555-1431
Molecular Cloning and Sequence characterization of Collagen Binding Protein from <i>Lactobacillus plantarum</i> Strain of Human Origin.	AK Yadav, A. Tyagi, AC. Saklani, S. Grover, VK. Batish	Int. J. Probiot. Prebiot..	2014	-	1555-1431

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Designing of Species-specific inhibition: The cysteine residues of triosephosphate isomerase.	AK Yadav, K. Kumar, M. Verma, M Kumar, M Kumar	Basic Res. J. Medi. Clinic. Sc.	2014	-	2315-6864
Role of surface layer collagen binding protein from indigenous <i>Lactobacillus plantarum</i> 91 in adhesion and its anti-adhesion potential against gut pathogen.	AK Yadav, A Tyagi, JK Kaushik, AC Saklani, S Grover, VK Batish.	Microbiol. Res.	2013	10.1016/j.micres.2013.05.003 . Epub 2013 Jul 26	2036-7481
Anti-wolbachia: A herbal approach to treatment of Filariasis.	K Kumar, M Kumar, M Verma, AK Yadav, Q Uddin	Spatula DD.	2013	10.5455/spatula.20140602123033	1309-9914
Chronic exposure to dim artificial light disrupts the daily rhythm in mitochondrial respiration in mice suprachiasmatic nuclei	Prabha Rajput, Dhanananajay Kumar and Sairam Krishnamurthy	<u>Chronobiology International</u>	2023	https://doi.org/10.1080/07420528.2023.2236708	0742-0528
Continuous Exposure to Artificial Light Disrupts Central and Peripheral Reproductive Clocks Leading to Altered Uterine Physiology and Reduced Pregnancy Success in Mice	Megha Das, Tarun Minocha, Dhanananajay Kumar, Nitesh Kumar Mishra, Chandana Haldar and Sanjeev Kumar Yadav	<u>Photochemical & Photobiological Sciences.</u>	2022	https://doi.org/10.1007/s43630-022-00210-6	1474-9092
Quantitative proteomics reveals molecular network driving stromal cell differentiation: Implications for corneal wound healing	Nishtala, Krishnatej, Trailokyanath Panigrahi, Rohit Shetty, Dhanananajay Kumar, Pooja Khamar, Rajiv R. Mohan, Vrushali Deshpande, and Arkasubhra Ghosh	International Journal of Molecular Sciences	2022	https://doi.org/10.3390/ijms23052572	1422-0067
Sexual dimorphism in ultradian and 24h rhythms in plasma levels of growth hormone in Indian walking catfish, <i>Clarias batrachus</i>	Raj Naresh Gopal, Dhanananajay Kumar, Vinay Kumar Singh, Atanu Kumar Pati and Bechan Lal	<u>Chronobiology International</u>	2021	https://doi.org/10.1080/07420528.2021.1896533	0742-0528
Wheel-running activity rhythms and masking responses in the diurnal palm squirrel, <i>Funambulus pennantii</i>	Dhanananajay Kumar, Sanjeev Soni, Noga	Chronobiology International	2020	https://doi.org/10.1080/07420528.2020.1896533	0742-0528

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	Kronfeld-Schor and M. Singaravel			528.2020.1826959	
Phase and differential dose responses of circadian clock to exogenous melatonin in a diurnal rodent, <i>Funambulus pennantii</i>	Sanjeev Soni, Dhanananajay Kumar and M. Singaravel	Chronobiology International	2020	https://doi.org/10.1080/07420528.2020.1758127	0742-0528
Risperidone resets the circadian clock in mice	Rajeev C, Dhanananajay Kumar, Pryioneel Basu and Muniyandi Singaravel	Biological Rhythm Research	2017	https://doi.org/10.1080/09291016.2017.1287820	1744-4179
Fisetin, a dietary flavonoid, attenuates hyperammonemia and improves circadian locomotor deficits, redox balance, and astrocytic markers in rats	Perumal Subramanian, Murugesan Jayakumar, Muniyandi Singaravel, Dhanananajay Kumar, Priyoneel Basu, Jaime Jacqueline Jayapalan, Onn Haji Hashimc	Journal of Functional Foods	2015	https://doi.org/10.1016/j.jff.2014.11.025	1756-4646
Corneal lenticules as an ex-vivo model to study keratocyte biology	Rushad Shroff, Rohit Shetty, Dhanananajay Kumar, Shivraj Kumar and Arkasubhra Ghosh.	Acta Ophthalmologica	2015	https://doi.org/10.1111/j.1755-3768.2015.15688	1755-3768
Phase and Period Response curve to short light pulses in a wild diurnal rodent, <i>Funambulus pennanti</i>	Dhanananajay Kumar and Muniyandi Singaravel	Chronobiology International	2014	https://doi.org/10.3109/07420528.2013.851084	0742-0528
Variations in the rate and direction of re-entrainment to acute simulated jet-lag in the diurnal north Indian palm squirrel	Dhanananajay Kumar, Pryioneel Basu and Muniyandi Singaravel	Biological Rhythm Research	2014	https://doi.org/10.1080/09291016.2013.842382	1744-4179

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Studies on in vitro free radical scavenging activity of <i>Bixa orellana</i> l. Bark extract	Smilin Bell Aseervatham, J. M. Sasikumar, Dhanananajay Kumar	Int J Pharm Pharm Sci	2012	https://innovareacademics.in/journal/ijpps/Vol4Issue2/3730.pdf	0975-1491
Studies on the impact of construction of barrage on the macro-benthic invertebrate faunal diversity of river Tawi”.	K. K. Sharma, Sarbjeet Kour, Shvetambri and Neha Sharma	International Journal of Applied Research; 2(6): 1018-1020.	2016		
Trends in the distribution of Macrobenthic fauna of river Tawi in the vicinity of Jammu city in view of construction of barrage across the river	K. K. Sharma, Sarbjeet Kour, Shvetambri and Neha Sharma	International Journal of Recent Scientific Research. 2017; 8(10): 21117-21110.	2017		
Zooplanktonic Community Structure of River Chenab, Jammu and Kashmir (J&K).	D. I. Baba, K. K. Sharma and Shvetambri	Journal of Science.	2015		
Studies on the impact of construction of barrage on the macro-benthic invertebrate faunal diversity of river Tawi”.	K. K. Sharma, Sarbjeet Kour, Shvetambri, Neha Sharma	International Journal of Applied Research; 2(6): 1018-1020.	2016		
Phytoplankton Community Structure of River Chenab, Jammu and Kashmir (J&K)	D. I. Baba, K. K. Sharma, Shvetambri	International Journal of Science and Research (IJSR), 3(11): 330-333.	2014		
Food and Food Toxins: An overview	Jyoti, M. K., Agarwal H and Shvetambri Jasrotia	Voyager. Vol. VIII (December).	2016		ISSN (P): 0976-7436

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Trends in the distribution of macrobenthic fauna of river Tawi in the vicinity of Jammu city in view of construction of barrage across the river.	K. K. Sharma, Sarbjeet Kour, Shvetambri, Neha Sharma	International Journal of Recent Scientific Research; 8(10): 21117-21110.	2017		
Changes in flow regime and its impacts on the qualitative and quantitative aspects of fish fauns of river Tawi in the vicinity of Jammu city.	K. K. Sharma, Sarbjeet Kour, Shvetambri, Neha Sharma	European Journal of Pharmaceutical and Medical Research; 4(12): 426-430.	2017		
Seasonal Variation in the Macrobenthic Invertebrate Densities of Aripal and Watalara Streams of Kashmir Himalaya, India.	Zahoor Ahmad Mir, Yahya Bakhtiyar, Muni Parveen, Niyaz Ali Khan, Robina Kousar and Shvetambri	Journal of Ecophysiology and Occupational Health,	2022		
Status and Scope of Conventional Morphometry and its Integration with Bar Coding in Jammu and Kashmir (J&K) Fisheries.	Anchal Chib and Shvetambri Jasrotia	Current World Environment	2022		ISSN: 0973-4929
Ichthyofaunal diversity of Jammu region of North-Western Himalaya and its Conservation status.	Anchal Chib, Samiksha Sharma and Shvetambri Jasrotia	Applied Biological Research	2023		ISSN – 0974-4517.
RNAi-Based Biopesticides: A Review of Recent Studies in Lepidopteran Insects	Y Sharma, S Padha, A Dhar, V Baweja, IK Singh	Proceedings of the Zoological Society, 1-9	2023	https://doi.org/10.1007/s12595-023-00489-y	0974-6919
Micro (nano) plastics pollution and human health: How plastics can induce carcinogenesis to humans?	S Padha, A Dhar,	Chemosphere	2022	https://doi.org/10.1016/j.chemosphere.2022.134267	1879-1298
Microplastics pollution load in sundarban delta of Bay of Bengal	R Kumar, R Sinha, S Padha, N Ivy, S Bhattacharya, A Dhar	Journal of Hazardous Materials Advances	2022	https://doi.org/10.1016/j.hazadv.2022.100099	2772-4166

Title of the Paper	Author(s)	Journal's Name	Year of Publication	DOI	ISSN
Microplastic pollution in mountain terrains and foothills: A review on source, extraction, and distribution of microplastics in remote areas	S Padha, R Kumar, A Dhar, P Sharma	Environmental Research	2022	https://doi.org/10.1016/j.envres.2021.112232	1096-0953
Plant protection practices by using botanicals for sustainable agriculture	A Dhar	Plant Archives	2020		0972-5210
Role of Abiotic Factors in the Distribution and Abundance of Gall Aphids on <i>Alstonia Scholaris</i> in Jammu Region	A Dhar	Voyager	2017		:2455-054
Tribal life and sustainable development, Environmental solutions	Dhar ,Anjali & Dhar Sanjali	Voyager	2014		:2455-055
Age associated changes in the reproductive tract of <i>Spodoptera litura</i> (Noctuidae: Lepidoptera)	Dhar Anjali	JOURNAL OF LIFE Sciences, Vol V, Voyager-A	2014		:2455-056
Ascertaining the bioinfectivity potential of entomogenous nematodes on f-1 progeny of irradiated, <i>Spodoptera litura</i>	R.K. Seth, Varsha Baweja and Anjali Dhar	Control of Insect Pests	1998		
Avian Haemosporidian (<i>Plasmodium</i> and <i>Haemoproteus</i>) Status in Two Bird Groups (Old-World Flycatchers and Thrushes) of India and Their Phylogenetic Relationships with Other Lineages of the World	Vipin, Ashutosh Singh, Vinita Sharma, Narinder Kumar Tripathi, Rajnikant Dixit, Bhim Singh, Chandra Prakash Sharma, Sumit G. Gandhi, Dhananjai Mohan, Sandeep Kumar Gupta	Acta Parasitologica	2022	https://doi.org/10.1007/s11686-022-00626-1	1896-1851
A pioneering method to identify bovine horn trophy: A combined morphometric and DNA-based approach in wildlife forensics	Vipin, Vinita Sharma, Chandra Prakash Sharma, Surendra Prakash Goyal, Heather Stevens, Sandeep Kumar Gupta	Forensic Science International: Animals and Environments	2022	https://doi.org/10.1016/j.fsiae.2022.100056	2666-9374
Kleptoparasitic interaction between Snow leopard and Red fox suggested by circumstantial evidence in Pin National Park, Himachal Pradesh, India Valley	Vipin, Tirupathi, Keshav, Vinita Sharma, Ajay Gaur	Journal of Threatened Taxa	2022	https://doi.org/10.11609/jott.7793.14.10.21928-21935	0974-7907

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Age estimation of Tiger <i>Panthera tigris</i> (Linnaeus, 1758) and Lion <i>Panthera leo</i> (Linnaeus, 1758) (Mammalia: Carnivora: Felidae): applicability of cementum annuli analysis method	Vipin, Chandra Prakash Sharma, Vinita Sharma, Surendra Prakash Goyal and Heather Stevens, Sandeep Kumar Gupta	Journal of Threatened Taxa	2022	https://doi.org/10.11609/jott.7727.14.9.21805-21810	0974-7907
Operation Soft Gold – Integration of Cyber Intelligence in curbing Illegal Shahtoosh Trade in India	Pragatheesh, A., Sharma, V; Sharma, C.P. and H.V. Girisha, H.V	Forensic Science International: Animals and Environments	2022	https://doi.org/10.1016/j.fsiae.2022.100048	2666-9374
First record of an albino Five-striped Palm Squirrel from Dehradun, Uttarakhand, India.	Vipin, S.K. Gupta, C.P. Sharma and V. Sharma	Zoo's Print:Small Mammals Mail	2021		
Online selling of wildlife part with spurious name: a serious challenge for wildlife crime enforcement	Chandra Prakash Sharma, Ajit Kumar, Vipin, Vinita Sharma, Bhim Singh, Gandla Chethan Kumar, Sandeep Kumar Gupta		2018	https://doi.org/10.1007/s00414-018-1795-7	ISSN: 0937-9827
Molecular identification of victim species and its sex from the ash: a case of burning alive leopard (<i>Panthera pardus</i>)	Vipin, Vinita Sharma and Sandeep Kumar Gupta	International Journal of Legal Medicine	2017	10.1007/s00414-017-1619-1	ISSN: 0937-9827
Identification of Substitute Ivory Product in Illegal Wildlife Trade using Morphological and DNA based analysis in Wildlife Forensics in India	Vipin, Vinita Sharma and Chandra Prakash Sharma	International Journal of Allied Practice, Research and Review.	2016		2350-1294
A Novel Model Approach for Detecting Wild Animals through Blood Fed Mosquitoes: Scope in Indirect Wildlife Sampling and Wildlife Forensics	Vipin, Vinita Sharma and Mukesh	International Journal of Allied Practice, Research and Review.	2016		2350-1294
Pioneer identification of fake claws using morphometric and DNA-based analysis in wildlife forensics in India	Vipin, Vinita Sharma, Chandra Prakash Sharma,	Forensic Science International	2016	http://dx.doi.org/10.1016/j.for	0379-0738

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	Ved P. Kumar and Surendra P. Goyal			sciint.2016.05.024.	
An annotated study of mammalian fauna of Sajjangarh Wildlife Sanctuary, Udaipur, Rajasthan (India).	Chhaya Bhatnagar, Vinita Sharma and Karnika Jani	http://www.mekonginfo.org	2007		
Vanishing habitats of aquatic birds in the City of Lakes, Udaipur: A case study	Chhaya Bhatnagar, Karnika Jani and Vinita Sharma	The Indian Forester	2007		0019-4816
Biodiversity of mammals in Sajjangarh Wildlife Sanctuary, Udaipur Wildlife Division, Udaipur: An attempt to study the habitat preference of some	Vinita Sharma, Karnika Jani and Chhaya Bhatnagar	Bulletin of Biological Sciences (International Journal on Biological Sciences)	2005		
The effects of <i>Hippophae rhamnoides</i> in neuroprotection and behavioral alterations against iron-induced epilepsy	Ladol S, Sharma D	Epilepsy Res.	2021	doi: 10.1016/j.eplesyres.2021.106695.	0920-1211
Pharmacotherapeutic Effects of <i>Hippophae rhamnoides</i> in Rat Model of Post-traumatic Epilepsy in View of Oxidative Stress, Na ⁺ ,K ⁺ ATPase Activity and Sodium Ion Channel Expression	Ladol S, Sharma D	Acta Sci. Neuro	2021	doi: 10.31080/ASN E.2021.04.0359	2582-1121
Fisetin prevents the aging-associated decline in relative spectral power of α , β and linked MUA in the cortex and behavioral alterations	Das J, Singh R, Ladol S, Nayak SK, Sharma D	Exp Gerontol.	2020	doi: 10.1016/j.exger.2020.111006	0531-5565

Publications Book Chapters

Title of the Book / Book_Chapter	Author(s)	Edited or Authored	Publisher	ISBN	Type of publication	DOI	Year of Publication
Detection and Management of Ergot Alkaloids and Their Therapeutic Applications.	Debnath, N., Yadav, P., Arora, S., & Yadav, A. K.	Authored	CRC PRESS	2471-1063	International	10.1201/9781003242208-7	2023
Occurrence, Detection, and Management of T-2 Toxin and HT-2 Toxin in Food and Feed.	Yadav, P., Debnath, N., Arora, S., & Yadav, A. K.	Authored	CRC PRESS	2471-1063	International	10.1201/9781003242208-6	2023
Detection of Myeloperoxidase Activity by Enzyme Linked Immunosorbent Assay.	Yadav, P., Debnath, N., Tyagi, A., Yadav, A.K. (2022)	Authored	Methods and Protocols in Food Science	2213-7793	International	10.1007/978-1-0716-2509-5_38	2022
In Vivo Evaluation of Adhesion Properties of Probiotics.	Debnath, N., Yadav, P., Tyagi, A., Yadav, A.K.	Authored	Methods and Protocols in Food Science	2213-7793	International	10.1007/978-1-0716-2509-5_29	2022
Modulation of gut microbiota by probiotic interventions: A potential approach toward alleviating food allergy.	Debnath, N., Yadav, A. K., & Kumar, A. (2022).	Authored	ELSVIER	0346-251X	International	10.1016/b978-0-323-91313-3.00004-0	2022
Recent Advances and Use of Tools for Functional Foods and Nutraceuticals.	Gupta, I. AK Yadav et al.	Authored	Springer	0967-0912	International	https://doi.org/10.1007/978-981-16-8125-7_16	2022
Potential Correlation Between Homeostasis Control and Tumor Microenvironment Regulation of Probiotic as a Therapeutic Agent to Manage	Debnath, N., Yadav, A.K	Authored	Springer	0967-0912	International	10.1007/978-981-33-6236-9_7	2021

Title of the Book / Book_Chapter	Author(s)	Edited or Authored	Publisher	ISBN	Type of publication	DOI	Year of Publication
Gastrointestinal Cancer							
Probiotic Microorganism: A Promising and Innovative Tool for Cancer Prevention and Therapy.	Debnath, N., Kumar Yadav, A., & Tyagi, A. (2021).	Authored	ELSEVIER	0346-251X	International	10.1016/b978-0-12-822909-5.00012-5	2021
Indigenous Probiotic <i>Lactobacillus</i> Strains to Combat Gastric Pathogen <i>Helicobacter pylori</i> : Microbial Interference Therapy.	Debnath, N., Yadav, A.K.	Authored	Springer	0967-0912	International	10.1007/978-981-33-6236-9_9	2021
Indigenous Fermented Foods as a Potential Source of Probiotic Foods	Jain, S., Chatterjee, A., Panwar, S., Yadav, A.K., Majumdar, R.S., Kumar, A.	Authored	Springer	0967-0912		https://doi.org/10.1007/978-981-15-6795-7_3	2021
Metabolic Engineering Approaches for Improvement of Probiotics Functionality.	Jain, S., Chatterjee, A., Panwar, S., Yadav, A.K., Majumdar, R.S., Kumar, A.	Authored	Springer	0967-0912		https://doi.org/10.1007/978-981-15-6795-7_10	2021
UV-R and Vitamin D Synthesis. In Skin aging & cancer: Ambient UV-R Exposure , In Skin aging & cancer: Ambient UV-R Exposure	Deepti Chopra, Dhanananajay Kumar, Divya Dubey, Jyoti Singh, Ajeet Kumar Srivastav, and Kailash Chand Gupta	Authored	Springer Singapore , Springer Nature Singapore	#####	International	https://www.google.co.in/books/edition//Dv9xwEACAAJ?hl=en&sa=X&ved=2ahUKEwin772ouVqCAxVDVmWGHZOuDaMQre8FegQICRAE	2020
Chemiexcitation of Melanin Melanoma	Saroj Kumar Amar,	Authored	Springer Singapore , Springer	#####	International	https://www.google.co.in	2020

Title of the Book / Book_Chapter	Author(s)	Edited or Authored	Publisher	ISBN	Type of publication	DOI	Year of Publication
Development Long After UVA Exposure, In Skin aging & cancer: Ambient UV-R Exposure	Dhanananajay Kumar		Nature Singapore			/books/edition/_/-Dv9xwEACAAJ?hl=en&sa=X&ved=2ahUKEwin772ouVqCAxVDVm wGHZO uDaMQre8FegQICRAE	
Recent Trends in Aquatic Biology (2019)	Jasrotia S.	Authored	TTPP publishers , New Delhi	ISBN9788170196280.	National		2019
. Recent Trends in Indian Limnology and Fishery Science	Jasrotia S.	Authored	TTPP publishers , New Delhi	ISBN13: 9788170196822.	National		2021
Bioindicators. Water Pollution and Management .	Jasrotia S.	Authored	Bio tech Books	. ISBN-10: 9788176222273. ISBN-13: 978-8176222273.	National		2011
2. Bioremediation. Water Pollution and Management	Jasrotia S.	Authored	Bio tech Books	. ISBN-10: 9788176222273. ISBN-13: 978-8176222273	National		2011
River regulation and its effects on Physico-Chemical parameters of River Tawi in the vicinity of Jammu City.	Jasrotia S.	Authored			National		

Title of the Book / Book_Chapter	Author(s)	Edited or Authored	Publisher	ISBN	Type of publication	DOI	Year of Publication
. Contemporary Trends in Fisheries and Aquaculture	Jasrotia S.	Authored	TTPP, New Delhi	ISBN: 215-220.81-7019-603-4; 9788170196037	National		2018
Cyclomorphosis in Zooplankton: A Review (2021). <i>In: Biodiversity: Conservation Aspects and Aquaculture.</i>	Jasrotia S.	Authored	Book Enclave Publishers	ISBN – 13 - 978-8181525505	National		2021
Studies on the impact of construction of Barrage on the water, sediment and biota of Central Himalayan River, Tawi in the vicinity of Jammu City (2022). <i>In: Biological Sciences. A Kaleidoscopic View of New Trends.</i>	Jasrotia S.	Authored	Scientific Publishers (India).	ISBN: 978-93-92590-69-6 (HB), ISBN: 978-93-92590-75-7 (E book).	National		2022
Embarking on the Indian Bio pesticides and their use in Sustainable Agriculture	Anjali Dhar	Authored		9788193451939	National		
Population dynamics and reproductive biology of Gyrodactylid monogenean, a review	Anjali Dhar	Authored	Neeraj publications Barailley	. 978-93-84337-22-3. 161.	National		
Potential application and improvement of a parastoid, a review of artificial selection for Insecticidal resistance and	Anjali Dhar	Authored	Neeraj publications barailley	. 978-93-84337-22-3. 161.	National		

Title of the Book / Book_Chapter	Author(s)	Edited or Authored	Publisher	ISBN	Type of publication	DOI	Year of Publication
introduction of natural enemies for Biological control							
Sustenance of Feeding Ecology in Aquatic Recent Trends in Indian Limnology and Fisheries Sciences	Anjali Dhar	Authored	Today and Tommoorow Printers & Publishers	81701962-2	National		2020
Environmental Management Practices: An Indian Outlook.	Chhaya Bhatnagar and Vinita Sharma	Editor: Karunesh Saxena	Himanshu Publications, Udaipur	81-7906-170-1	National		2007
Wild Food Plants for Zero Hunger and Resilient Agriculture	S Ladol, A Kumar, D Sharma	Authored	Springer Nature Singapore	978-981-19-6501-2	International	https://doi.org/10.1007/978-981-19-6502-9	2023
Biotechnological Advances for Microbiology, Molecular Biology, and Nanotechnology: An Interdisciplinary Approach to the Life Sciences	S Ladol	Authored	Apple Academic Press	#####	International	https://doi.org/10.1201/9781003161158	2022

Publications: Conference

Title of the Paper	Author(s)	National / International	Name of the Conference	Date & Year
Genetic Engineering of Probiotic Lactobacillus for Surface Displaying Heterologous Hsbp Protein to Counter Gut Pathogen Helicobacter pylori”	AK Yadav	National	12th J&K Science congress. Science and Technology: Emerging trends and Innovations. University of Jammu, Jammu.	2-4 March, 2017
Display of heterologous HSBP protein of H. pylori with modified pSIP503 vector on surface of food grade <i>L. rhamnosus</i> GG strain	AK Yadav	National	47 th Annual National Conference of Nutrition Society of India “Nutrition and Agriculture- The Connect and disconnect	9-10 October 2015
Molecular cloning, expression and characterization of aminopeptidase (<i>pepx and pepq</i>) from <i>lactobacilli strains.</i> , NDRI Karnal.	Ashok K Yadav, R. Kumar, R. Bajaj, R.R.B. Singh, A.K. Mohanty, Jai K. Kaushik	National	ICFDF	November, 16-19, -2012
Adhesion properties of lactobacilli strains to the components of extra cellular matrix (ECM)	A.K. Yadav, A. C. Saklani, S. Grover, V.K. Batish. 2011.	National	Recent advance in chemical and environmental sciences.	2011
Sequence Characterization and detection of Polymorphism in IGF1 and CAST gene regulating Meat quality and muscle growth in Indian Buffalo (<i>Bubalus bubalis</i>).	Ashok Yadav, P.K. Dubey, N.K. Yadav, P. Kathiravan, B.P. Mishra, R.S. Kataria,	National	NASC, New Delhi, India	2010
Screening of lactobacilli for probiotic attributes and their molecular characterization.	Tyagi, A., Yadav AK., Kaushik JK., Mohanty, AK., Grover, S., and Batish, VK.	International	International Conference on Trends in Cellular and Molecular Biology held	5th to 7th January, 2008
Fluorescence Studies of DNA and Biological Probe Molecules in Polymer and Gels.	Yadav A., Panday V.	National	Workshop	2007
Chronic high-fat diet induces circadian disruption and impairs glucose rhythm in mice	Dhanananajay Kumar and Roe Gurman	International	Migal's 18th conference in memory of Yaakov Arzi - May 11, 2023 at Pastoral Hotel, Kibutz Kfar Blum	11-05-2023

Sex-dependent variation in endogenous period and energy homeostasis during high fat diet-induced obesity in free□running mice	Dhanananajay Kumar and Roe Gurman	International	10th ILANIT/FISEB Conference, Eilat, Israel on 20-23 February 2023	21-02-2023
Circadian disruption due to chronic jet lag/shift work causes cognitive deficits in mice	Dhanananajay Kumar,	International	Institution's Innovation Council & Innovation Cell, Galgotias University, Gr. Noida, UP	05-11-2022
Sexual dimorphism in ultradian and 24h rhythms in plasma levels of growth hormone in Indian walking catfish, <i>Clarias batrachus</i>	Dhanananajay Kumar, Vinay Kumar Singh, Raj Naresh Gopal, Atanu Kumar Pati and Bechan Lal	International	International colloquium on “Regulatory Mechanisms underlying Behaviour, Physiology and Development Organized by Department of Zoology, University of Delhi, Delhi, India.	25-03-2021
<i>Bacopa monnieri</i> accelerates the rate of re-entrainment of circadian locomotor activity rhythm in chronically disrupted circadian clock in mice	Dhanananajay Kumar, Sanjeev Kumar Soni, Vivek Kumar, M. Singaravel and Sairam Krishnamurthy	International	International Conference on Emerging trends in Drug Discovery and Development (ETDDD 2018). Organized by Department of Pharmaceutical Engineering and Technology, Indian Institute of Technology (Banaras Hindu University), Varanasi 221005, India.	20-01-2018
Circadian disruption due to chronic jet□lag/ shift-work cause cognitive deficit in mice	Dhanananajay Kumar, Sanjeev Kumar Soni, Vivek Kumar, M. Singaravel and Sairam Krishnamurthy	International	International Conference on Trends in Biochemical and Biomedical Research: Advances and Challenges (TBRR-2018). Organized by Department of Biochemistry, Institute of Science, Banaras Hindu University Varanasi-221005, India.	15-02-2018
<i>Bacopa monnieri</i> ameliorates jet-lag induced circadian disruption in mice	Dhanananajay Kumar, Pankaj Paliwal, Sanjeev Kumar Soni, Vivek Kumar, M. Singaravel and	International	International Conference on Innovation and Translational dimensions: Food, Health and Environmental Biotechnology (BioSangam- 2018). Organized by	11-03-2018

	Sairam Krishnamurthy		Department of Biotechnology, Motilal Nehru Institute of Technology, Allahabad, India.	
Effect of different wavelengths of light on circadian rhythm and retinal responses of diurnal palm squirrel, <i>Funambulus pennanti</i>	Dhanananajay Kumar, A R Vijay Kumar, Thirumurthy Velpandian and Muniyandi Singaravel	International	Indo-US Workshop and International Symposium on Biological Timing, University of Delhi, organized by Department of Zoology, University of Delhi, Delhi, India.	24-02-2017
Short wavelength of light evokes phase shifts and modulates circadian rhythms of plasma indoleamine in a diurnal rodent, <i>Funambulus Pennanti</i>	Dhanananajay Kumar, Santosh Kumar Patnaik, A R Vijay Kumar, Thirumurthy Velpandian and Muniyandi Singaravel	International	International Symposium on integrated physiology and comparative endocrinology (ISIPCE 2016). Organized by the Department of Zoology, Institute of Science, Banaras Hindu University, Varanasi, Uttar Pradesh, India.	14-02-2016
Sensitivity of circadian clock of a diurnal rodent, <i>Funambulus pennanti</i> to short wavelengths of light	Dhanananajay Kumar, A R Vijay Kumar, Thirumurthy Velpandian and Muniyandi Singaravel	International	International Congress on Chronobiology, organized by the Department of Zoology, University of Delhi, Delhi, India.	07-10-2012
Temporal variation in the sensitivity of circadian clock of diurnal mammal <i>Funambulus pennanti</i> to near-ultraviolet light (UV-A)	Dhanananajay Kumar and Muniyandi Singaravel	International	International conference on "Radiation, environment and human health, ICREH - 2010", held in Nehru Gram Bharati University, Allahabad – 211002, Uttar Pradesh, India.	20-11-2010
Effects of different doses of UV-A on free running locomotor activity rhythm of a diurnal mammal <i>F. pennanti</i>	Dhanananajay Kumar and Muniyandi Singaravel	International	International conference on "Radiation, environment and human health, ICREH - 2010", held in Nehru Gram Bharati University, Allahabad – 211002, Uttar Pradesh, India.	21-11-2010
Effects of near-ultraviolet light (UV-A) on circadian locomotor activity rhythm in a diurnal mammalian system	Dhanananajay Kumar and Muniyandi Singaravel	International	International School "5th Euclock and 19th European PhD School for Chronobiology", held in Jawaharlal Nehru Center for Advance Scientific	06-10-2010

			Research, Bangalore, India.	
Phase shift in the circadian locomotor activity rhythm by UV-A under constant dim light (LL) in a diurnal mammal, <i>Funambulus pennanti</i>	Dhanananajay Kumar and Muniyandi Singaravel	International	International Symposium on 4th Asia Oceania Conference on Photobiology, organized by Department of Zoology, Banaras Hindu University, Varanasi, India	25-11-2008
Smile lenticule as an ex-vivo biological model	Luci Kaweri, Dhanananajay Kumar, Rohit Shetty and Anuprita Ghosh	National	74th All India Ophthalmological Society Annual Conference (AIOC), Kolkata	25-02-2016
Proteomics of corneal stromal cell differentiation – From quiescent to active	Krishnatej Nishthala, Dhanananajay Kumar, and Arkasubhra Ghosh		ARVO-India, Indian Eye research Group (IERG), at LV Prasad Eye Institute, Hyderabad	
Lenticule as an ex-vivo model to study keratocyte biology in various corneal diseases	Dhanananajay Kumar, Anuprita Ghosh, Shivraj Kumar, Luci Kaweri, Rohit Shetty and Arkasubhra Ghosh	National	ARVO-India, Indian Eye research Group (IERG), at LV Prasad Eye Institute, Hyderabad	25-07-2015
Effects of short wavelength of light on the free-running circadian locomotor activity rhythm and the rate of re-entrainment following simulated jetlag/shift work	Dhanananajay Kumar, Chandana Haldar and Muniyandi Singaravel	National	National Symposium on Animals and Alternatives in Life Science Research. Organized by the Department of Zoology, Banaras Hindu University, Varanasi, Uttar Pradesh, India.	17-02-2014
Circadian variation of indoleamine s in the blood plasma o f diurnal rodents <i>Funambulus pennanti</i> , placed in constant darkness	Dhanananajay Kumar, Santosh Kumar Patnaik, A R Vijay Kumar, Thirumurthy Velpandian and Muniyandi Singaravel	National	National Conference on Emerging Trends and Challenges in Basic and Translational Research in Biochemistry, organized by Center of Advance Study in Zoology, Department of Zoology, Banaras Hindu University, Varanasi, Uttar Pradesh, India.	05-02-2013
Phase and period response curve to short light pulses in a wild diurnal rodent, <i>Funambulus pennanti</i>	Dhanananajay Kumar, Chandana Haldar and	National	National Symposium on Recent Palestrae in Photosciences, organized by the Department of Zoology, Banaras Hindu	04-09-2012

	Muniyandi Singaravel		University, Varanasi, Uttar Pradesh, India.	
Near ultraviolet light (UV-A) re-entrains the circadian clock rapidly following simulated jet lag	Dhanananajay Kumar, Muniyandi Singaravel & Chandana Halder	National	National Symposium on Environmental Degradation due to Human Activities and Suggestive Measures in Urban & Industrial Areas. Organized by Dept of Botany & Environmental Sciences, S.B., P.G. College Baragaon.	17-12-2011
Effects of monochromatic light on the general immune status of Indian Palm Squirrel, <i>Funambulus pennanti</i> : Role of Melatonin	Dhanananajay Kumar, Sanjeev Kumar Yadav, Kaushalendra, C. Halder and Muniyandi Singaravel	National	22nd All India Congress of Zoology & National Seminar on Recent Advances in Biological Sciences: Biodiversity and Human Welfare. Department of Zoology, University of Lucknow, Lucknow & Zoological Society of India, Bodh Gaya	29-12-2011
Timed administration of UV-A accelerates the re-entrainment in a diurnal mammal <i>Funambulus pennanti</i>	Dhanananajay Kumar and Muniyandi Singaravel	National	Brainstorming meeting on advances in neuroendocrinology. Organized by Reproduction Biology and Endocrinology unit Center for Advance Study in Zoology, Department of Zoology, BHU, Varanasi – 221005, U.P	11-02-2011
Ultraviolet light (UV-A) entrains circadian locomotor activity rhythm in diurnal rodent, <i>Funambulus pennanti</i> .	Dhanananajay Kumar and Muniyandi Singaravel	National	XXII National Symposium on Chronobiology, Organized by the Department of Zoology, Kurukshetra University, Kurukshetra, Haryana.	18-03-2011
Phase shift in the circadian locomotor activity rhythm by Ultraviolet-A under constant darkness (DD) in a diurnal mammal, <i>Funambulus pennanti</i>	Dhanananajay Kumar and M. Singaravel	National	XXI National Symposium on Chronobiology, P.G. Department of Zoology, Jamshedpur Co-Operative College, Jamshedpur.	04-02-2010
Differential effects of UV-A on circadian locomotor activity rhythm in a diurnal	Dhanananajay Kumar and	National	National Symposium on “Animal Biodiversity: Physiological aspect of	19-02-2010

mammal, Funumbulas pennanti under constant darkness	Muniyandi Singaravel		environmental strategies". Organized by the Department of Zoology, M.M.M (PG) College, Model town (West), Ghaziabad	
"A Diurnal Mammal Mimics the Light Intensity Response of a Nocturnal Mammal under Constant Laboratory Conditions: Non- Conformation to the Aschoff's Rule.	Dhanananajay Kumar and Muniyandi Singaravel	National	National Symposium on "Functional Biodiversity and Ecophysiology of Animals. Organized by the Department of Zoology, Banaras Hindu University, Varanasi, India	23-02-2009
Temporal relationship between the administration of serotonergic and dopaminergic drugs alters reproduction and circadian locomotor activity rhythm in Indian Palm Squirrel, Funambulus pennanti	Vineet Prakash Singh, Dhanananajay Kumar, John T. Burns, Muniyandi Singaravel and Chandra Mohini Chaturvedi	National	National Symposium on "Animal Biodiversity: Physiological aspect of environmental strategies", Department of Zoology, M.M.M (PG) College, Model town (West), Ghaziabad	19-02-2010
Ascertaining the bioinfectivity potential of entomogenous nematodes on f-1 progeny of irradiated Spodoptera litura	Dhar, A. Seth,R.K. Baweja.,V	National	; Area wide control of Insect pests, Penang	1998
Potential application and improvement of a parastoid, a review of artificial selection for insecticidal resistance and introduction of natural enemies for biological control	Dhar A	National	National seminar proceedings. Parasitology Conference Rohailkahand	2002
Population dynamics and reproductive biology of Gyrodactylid monogenean, a review	Dhar A	National	NATIONAL SEMINAR PROCEEDING	
The influence on the age on the reproductive capacities of tobacco caterpillar moth, Spodoptera litura (fabricius),	Dhar A	National	Proceedings of the national seminar on the relevance of traditional areas of biological study.	2012
Abiotic factors affecting the distribution and abundance of gall aphids on Alstonia Ecologically	Dhar A	National	Ecologically Sustainable Plant disease management under diversified farming	2017

Sustainable Plant disease management under diversified farming situations			situations, SKUAST Jammu Chatha (J&K)	
Prospects and applications of Nanoparticles & its Entomological Perspective and Route Towards Sustainable Ecosystem	Dhar A	National	Prospects and applications of Nanoparticles & its Entomological Perspective and Route Towards Sustainable Ecosystem	2017
Role of Gall aphids in devastating crops in jammu region	Dhar A	National	; ISCA National Conference LPU, Punjab University	2018
Repellent and antifeedant activity of common plant extract on developmental index, morphogenetic deformity and reproductive performance of <i>Spodoptera litura</i>	Dhar A	National	Science and Trends: Emerging Trends and Innovations, University of Jammu and J&K State Science, Technology and Innovation Council	2016
Decline in reproductive fitness with age in the moth <i>Spodoptera litura</i>	Dhar A	National	Emerging Trends and Challenges in Biodiversity Conservation, Department of Zoology, University of Jammu	2016
Role of activators within the prostratic part of male reproductive tract of <i>Spodoptera litura</i> in motility of eupyrene spermatozoa	Dhar A	National	Recent Trends in Genomics and Metabolomics, Department of Biotechnology, University of Jammu	2016
Prospects and applications of Nanoparticles. An Entomological Perspective and Route Towards Sustainable Ecosystem	Dhar A	National	Materials for Sustainable development and new Technology, Dept. of Nano sciences, CUJ and Materials research Society of India Chapter- New Delhi	2017
Fresh water faunal diversity in India	Dhar A	International	Proceedings of international conference in Raja Doraisingam Singh college TamilNadu, India.	2021
Population genetic structure of <i>Anopheles stephensi</i> in Northwestern India.	Vipin, Sharma, V., Mukesh and Prasad, A.	International	XIIth International Conference on Vector and Vector Borne Diseases organized by	16 th -18 th September 2013

			Mohanlal Sukhadia University, Udaipur and NAVBD, Bhubaneswar	
Chiropteran diversity of Udaipur City in Proceedings of “Conservation and Utilization of National Resources and their role in Sustainable Development	Chhaya Bhatnagar, Rekha Salvi, Meenakshi Mahur, Vijay Kumar Koli, Karnika Jani and Vinita Sharma	National	Conservation and Utilization of National Resources and their role in Sustainable Development	18 th -19 th October 2008
Aquatic bird diversity of Lake Bari (A component of Udaipur Important Bird Area) with special note on its habitat management.	Chhaya Bhatnagar, Karnika Jani, Vinita Sharma, Meenakshi Mahur, Rekha Salvi and Arti Prasad	International	Taal 2007: The 12 th World Lake Conference Ministry of Environment and Forests in the joint collaboration of International Lake Environment Committee (ILEC)	28 th October – 2 nd November 2007
Primary productivity and energy flow in Jhamri Dam	Chhaya Bhatnagar, Vinita Sharma , Karnika Jani and Nidhi Gill	National	DAE-BRNS National Symposium on Limnology (NSL-07)	19 th -21 st 2007
Plankton and Ichthyofauna of Jhamri Dam, Udaipur, Rajasthan	Chhaya Bhatnagar, Vinita Sharma , Karnika Jani and Nidhi Gill	National	DAE-BRNS National Symposium on Limnology (NSL-07)	19 th -21 st 2007