

Year	Title of paper	Name of the author/s	Name of journal	Volume	Issue	Page No.
<b>2022</b>						
2022	Degradation Insight Of Organophosphate Pesticide Chlorpyrifos Through Novel Intermediate 2, 6-Dihydropyridine By Arthrobacter Sp. Hm01	Himanshu Mali, Chandni Shah, Darshan H Patel, Ujjval Trivedi, Rb Subramanian	Bioresource And Bioprocessing	9	31	14-Feb
2022	A Novel Organophosphate Hydrolase From Arthrobacter Sp. Hm01: Characterization And Applications	Himanshu Mali, Chandni Shah, Darshan H Patel, Ujjval Trivedi, Rb Subramanian	Bioresource Technology	349		126870
2022	Bio-Catalytic System Of Metallohydrolases For Remediation Of Neurotoxin Organophosphates And Applications With A Future Vision	Himanshu Mali, Chandni Shah, Darshan H Patel, Ujjval Trivedi, Ramalingam Bagavathi Subramanian	Journal Of Inorganic Biochemistry	231		111771
2022	Genome Analysis Uncovers The Prolific Antagonistic And Plant Growth-Promoting Potential Of Endophyte Bacillus Velezensis K1	Sandhya Nanjani, Riteshri Soni, Dhiraj Paul, Hareshkumar Keharia	Gene	836		146671
2022	Ferulic Acid: A Natural Essential Compound Having Potential Industrial And Medicinal Properties	Meghna Diarsa And Akshaya Gupte	International Journal Of Pharmaceutical Science And Research	13	2	603-611
2022	Production, Optimization, Partial Purification And Pyrolysis Kinetic Studies Of Exopolysaccharide From Native Brown Rot Fungi Formitopsis Meliae Agdp 2	Darshankumar Prajapati, Ashish Bhatt, Akshaya Gupte	Bioresource Technology Reports	17		100948
2022	Purification And Physicochemical Characterization Of Exopolysaccharide Produced By A Novel Brown Rot Fungi Formitopsis Meliae Agdp 2	Darshankumar Prajapati, Ashish Bhatt, Akshaya Gupte	Journal Of Applied Biology & Biotechnology	10	5	158-166
2022	Bile Salt Conjugation And In Vitro Cholesterol Lowering Ability Of Probiotic Bacteria Isolated From Butter Milk	H A Dhameliya, Vr Thakkar, Rb Subramanian	Food Biotechnology	36	4	351-370
2022	Functional annotation unravels probiotic properties of a poultry isolate, Bacillus velezensis CGS1.1	Riteshri Soni, Hareshkumar Keharia, Christopher Dunlap, Ninad Pandit, Jayraj Doshi	LWT	153		112471
2022	Novel frameshift variant in the PCNT gene associated with Microcephalic Osteodysplastic Primordial Dwarfism (MOPD) Type II and small kidneys	D Hettiarachchi, SMV Subasinghe, GG Anandagoda, Hetalakumar Panchal, PS Lai, VHW Dissanayake	BMC Medical Genomics	15	1	82
2022	Efficacy of biosurfactant as a coating material for post-harvest preservation of jamun fruit ( <i>Syzygium cumini</i> )	Jyoti Solanki, Sayali More, Kaushik Jodhani, Dhaval Patel, M Nataraj	Environmental and Experimental Biology	20	1	23-Nov
2022	Applications of nanotechnology in lung cancer. <i>In: Chukwuebuka Egbuna, Mihnea-Alexandru Găman, Jaison Jeevanandam. Drug Discovery Update (Edt). Applications of Nanotechnology in Drug Discovery and Delivery</i>					329-343
<b>2023</b>						
2023	Organophosphate Pesticides An Emerging Environmental Contaminant: Pollution, Toxicity, Bioremediation Progress, And Remaining Challenges	Himanshu Mali, Chandni Shah, Bh Raghunandan, Anil S Prajapati, Darshan H Patel, Ujjval Trivedi, Rb Subramanian	Journal Of Environmental Science	127		234-250
2023	Spider Diversity Of Garden Ecosystem In Department Of Biosciences, Sardar Patel Department Of Biosciences, Sardar Patel University, Gujarat, India	Jigar Patel, Ujjval Trivedi, Rupal Vasant	Munis Entomology & Zoology	18		1946-1953
2023	Evaluation Of Effect On Combination Of Five Medicinal Plants Extracts On Denaturation Of Protein - A Remedy Of Arthritis Disease	Ishnava K And Philipose	Int J Pharmacogn Chinese Med	7	1	233
2023	Characterization Of Enterococcus Durans M7-2 And Weissella Confusa M13 As Prospective Probiotics	Riteshri Soni And Hareshkumar Keharia	Biologia	78		3261-3271
2023	Phenotypic Characterization And Genome Analysis Reveal The Probiotic Potential Of A Banyan Endophyte Bacillus Velezensis K1	Riteshri Soni, Hareshkumar Keharia, Krina Shah, Neeraj Jain	Journal Of Applied Microbiology	134	2	Lxacc057
2023	Transaminases For Green Chemistry: Recent Progress And Future Prospects	Shreya Pandya And Akshaya Gupte	Microbiology And Biotechnolgy Letters	51	4	333-352
2023	Lactiplantibacillus plantarum PGB02 Improved Serum Cholesterol Profile by Tweaking Genes Involved in Cholesterol Homeostasis in Male Swiss Albino Mice	Hiren A Dhameliya , Jyoti D Solanki , Dhaval T Patel , Linz-Buoy George , Vasudev R Thakkar , R B Subramanian	Appl Biochem Biotechnol	195	5	3180-3193
2023	Hydromethanolic leaves extract of Dalbergia sissoo Roxb. ex DC. induces apoptosis in lung adenocarcinoma cells	Anjali B Thakkar, Ramalingam B Subramanian, Vasudev R Thakkar, Parth Thakor	Process Biochemistry	134		250-261
2023	Induced systemic resistance against Fusarium wilt in mungbean through Pseudomonas Spp.	Chaudhari M.G., Thakkar V.R., Chaudhary D.H., Chaudhary Mahesh	Current Advances in Agricultural Sciences	15		358-362
2023	Induction of apoptosis in lung carcinoma cells (A549) by hydromethanolic extract of Acorus calamus L	Anjali B Thakkar, Payal Sargara, Ramalingam B Subramanian, Vasudev R Thakkar, Parth Thakor	Process Biochemistry	123		1-10

2023	In Vitro Callus Induction from <i>Gymnema sylvestris</i> (Madhunashini) to Enhance the Production of Gymnemic Acid Using PGRS. In: Kumar, N., S. Singh, R. (eds) <i>Biosynthesis of Bioactive Compounds in Medicinal and Aromatic Plants. Food Bioactive Ingredients. Springer, Cham.</i>	Abhishek R. Vyas, Kaushik H. Nakum, Vipul B. Vaja & Kalpeshkumar B. Ishnava				399-428
2023	Agro-industrial Residues: An Eco-friendly and Inexpensive Substrate for Fungi in the Development of White Biotechnology. In: Satyanarayana, T., Deshmukh, S.K. (eds) <i>Fungi and Fungal Products in Human Welfare and Biotechnology. Springer, Singapore.</i>	Akshaya Gupte, Darshankumar Prajapati, Ashish Bhatt, Shreya Pandya, Mehul Raghunathan, Shilpa Gupte				571–603
<b>2024</b>						
2024	Observations On Nectar Food Plants Of <i>Zizina Otis</i> (Fabricius, 1787) From Gujarat, India (Lepidoptera: Lycaenidae)	Mayur H. Variya & Ujjval B. Trivedi	Shilap Revista De Lepidopterologia	52	205	
2024	Biogenic Synthesis Of Silver Nanoparticles From The Leaf Extract Of <i>Enicostema Axillare</i> (Poir. Ex Lam.) A. Raynal And Its Alpha Amylase Inhibition Activity	Dhruvi A Patel, Kalpepsh B Ishnava	Food Chemistry Advances	4		100624
2024	Extraction, Quantification And Anti-Cancer Activity Of Important Secondary Metabolite “Shatavarin-Iv” From In Vitro Callus Culture Of <i>Asparagus Racemosus</i> Willd.	Dinesh Vasava, Poonam Bhagriya, Abhishek Tote	Pharmacognosy Research	16	3	558-569
2024	Isolation, Screening and Optimizing of Amylase Production from indigenous <i>Streptococcus</i> Species in Anand District, Gujarat	Hetal Chenva , Niki Desai I , Ganesh Parmar, Bhumi Bhatt , Varda Mehta, Ujjval Trivedi	International Journal of Research and Analytical Reviews	11	12	916-928
2024	Observations on nectar food plants of <i>Zizina otis</i> (Fabricius, 1787) from Gujarat, India (Lepidoptera: Lycaenidae).	Mayur H. Variya, Ujjval B. Trivedi	SHILAP Revista de lepidopterologia	52	205	101-105
2024	Isolation, identification, and characterization of $\alpha$ -asarone, from hydromethanolic leaf extract of <i>Acorus calamus</i> L. and its apoptosis-inducing mechanism in A549 cells	Anjali B Thakkar, RB Subramanian, Sampark S Thakkar, Vasudev R Thakkar, Parth Thakor	Journal of Biomolecular Structure and Dynamics	42	11	5515-5535
2024	Biochanin A – A G6PD inhibitor: In silico and in vitro studies in non-small cell lung cancer cells (A549)	Anjali B Thakkar, Ramalingam B Subramanian, Sampark S Thakkar, Vasudev R Thakkar, Parth Thakor	Toxicology in Vitro	96		105785
2024	Apoptosis induction capability of silver nanoparticles capped with <i>Acorus calamus</i> L. and <i>Dalbergia sissoo</i> Roxb. Ex DC. against lung carcinoma cells	Anjali B Thakkar, RB Subramanian, Vasudev R Thakkar, Sandip V Bhatt, Sunil Chaki, Yati H Vaidya, Vikas Patel, Parth Thakor	Heliyon	10	2	e24400
2024	Production, Purification and Characterization of Nitrilase from <i>Bacillus subtilis</i> -AGAB-2 and Chemoenzymatic Synthesis of Acrylic Acid from Acrylonitrile	Ashish Bhatt, Darshankumar Prajapati, Akshaya Gupte	Catalysis Letters	154		4302–4319
2024	Extraction, Quantification and Anti-Cancer Activity of Important Secondary Metabolite “Shatavarin-IV” from in vitro Callus Culture of <i>Asparagus racemosus</i> Willd.	Dinesh Vasava , Poonam Bhagriya, Abhishek Tote, Keyur Sindhava, Nitin Solanki	Pharmacognosy Research	16	3	558-569