

2022 Publications

Title	Journal	Year	Impact Factor	Authors
In silico comparative analysis of 'Candidatus Liberibacter asiaticus' isolates based on the Tandem Repeat Variability in a Genomic Locus (CLIBASIA_01645) of Maharashtra and Assam, India	International Journal of Microbial Science	2022	NA	A Warghane , V Jaiswal, J P Santosh
Metabolomics of Different Seaweeds in Functional Food Prospects	Algal Functional Foods and Nutraceuticals: Benefits, Opportunities, and Challenges, Betham Books	2022	Book Chapter	C Mootapally , N P.P. Pabbathi, A Velidandi, P J. Shukla, N M. Nathani
Bio-Physico Characterization of Poly-3-Hydroxybutyrate (PHB) Produced from an Organic Pollutant Utilizer <i>Bacillus subtilis subsp.subtilis</i> DJ9192	Proceedings of the National Academy of Sciences, India Section B: Biological Sciences	2022	NA	D A Jadeja, N M Nathani , C Mootapally , R K Kothari
Triggering Plastic Degrading Marine Microbial Community by Electromagnetic Radiation	Pre-print	2022	NA	H Jadhav, A Fulke, C Mootapally , N M Nathani
High-Performance Thin Layer Chromatography Method for Simultaneous Estimation of	Analytical Chemistry Letters	2022	NA	M.N. Kher, S.P. Dholakia, G.G. Shah, D.K. Sureja, V.D. Bhatt & D.B. Sheth

WaterSoluble Vitamins: Analytical Method Development, Validation and Applications				
Review on Mechanism of Mineral Phosphate Solubilization in Fast- Growing Rhizobia on Sugar Utilization	Plant Breeding and Biotechnology	2022	NA	B. Rajguru, V.D. Bhatt
Antiplasmodial and Cytotoxic Activities of two Euphorbiaceae Family Plants, Euphorbia hirta and Euphorbia thymifolia	Current Bioactive Compounds	2022	1.309	Jigna Vadalía, Jalpa Sanandia, Vaibhav Bhatt , Navin Sheth
Design and synthesis of novel imidazolidine-2, 4-dione derivatives as InhA inhibitors: Spectral characterization, computational, and biological studies	Materials Today: Proceedings	2022	1.42	Tushar Patel, Navneet Chauhan, Vaibhav Bhatt , Bhupesh Bhatt
Synthetic approach toward spiro quinoxaline- β -lactam based heterocyclic compounds: Spectral characterization, SAR, pharmacokinetic and biomolecular interaction studies	Journal of Biomolecular Structure and Dynamics	2022	5.235	RA Dabhi, MP Dhaduk, VD Bhatt , BS Bhatt
Palladium(II)- quinoxaline based	Materials Today: Proceedings	2022	1.42	M.P. Dhaduk, R.A. Dabhi, B.S.

complexes: DNA/BSA binding, DFT, docking and anticancer activity				Bhatt, V.D Bhatt , M.N. Patel
A review on touch DNA collection, extraction, amplification, analysis and determination of phenotype	Forensic Science International	2022	2.676	P H Nimbkar, V Bhatt
Lung cancer targeting efficiency of Silibinin loaded Poly Caprolactone / Pluronic F68 Inhalable nanoparticles: <i>In vitro</i> and <i>In vivo</i> study	PlosOne	2022	3.752	Priya Patel, Mihir Raval, Aneka Manvar, Vishal Airao, Vaibhav Bhatt , Pranav Shah
Distinct gut and vaginal microbiota profile in women with recurrent implantation failure and unexplained infertility	BMC Women's Health	2022	2.742	Nayna Patel, Nidhi Patel, Sejal Pal, Neelam Nathani , Ramesh Pandit, Molina Patel, Niket Patel, Chaitanya Joshi, Bhavin Parekh
Vaginal dysbiotic microbiome in women with no symptoms of genital infections	Frontiers in Cellular and Infection Microbiology	2022	6.073	R Pramanick, Neelam Nathani , H Warke, N Mayadeo, C Arhana
Typhoid Outbreak during the Pandemic of COVID-19 : A Report	Journal of the Indian Medical Association	2022	0.03	Vikram Khan, D B Zala , A A Sanghai, V K Das
Tech-Startup Ecosystem of the Current New World	Yojana	2022	NA	Dr. Dolatsinh Zala

Silibinin loaded inhalable solid lipid nanoparticles for lung targeting	Journal of Microencapsulation	2022	3.142	Priya Patel, Mihir Raval, Vishal Airao, Vaibhav Bhatt , Pranav Shah
Meglumine-Promoted Eco-Compatible Pseudo-Three-Component Reaction for the Synthesis of 1, 1-Dihomoarylmethane Scaffolds and Their Green Credentials	ACS omega	2022	4.132	M S Patel, J N Parekh, D D Chudasama, H C Patel, P Dalwadi, A Kunjadiya, V.D. Bhatt , K R Ram
Computational And Biological Studies Of Platinum (II) Complex Of Tryptathrin Schiff Base	Research Square	2022	1.309	MP Dhaduk, RA Dabhi, BS Bhatt, V.D. Bhatt , MN Patel
Green approach for the synthesis of novel spiro quinoxaline-pyrimidone based heterocyclic compounds as anticancer agents	Materials Today: Proceedings	2022	1.42	RA Dabhi, MP Dhaduk, V.D. Bhatt , BS Bhatt
Mushrooms of Gujarat	Springer Nature	2022	Book Chapter	M Joshi, P Bhargava, M Bhatt, S Kadri, M Shri , CG Joshi
Biomarkers of arsenic stress in plants	New Paradigms in Environmental Biomonitoring Using Plants	2022	Book Chapter	PK Singh, S Dubey, M Shri , S Dwivedi, D Chakrabarty, RD Tripathi
Chilli leaf curl disease: an Indian scenario	Indian Phytopathology	2022	0.458	S Misal, A Warghane , G Patil

Mycology: Current and Future Developments – Sustainable Utilization of Fungi in Agriculture and Industry.	Microbiome perspective: Cross- disciplinary exploitations of chitinases	2022	Book Chapter	A Warghane Rekadwad B, Gonzalez JM, Shah S, Suryavanshi MV, Khobragade CN
In silico Molecular Characterization of Helicobacter pylori based on Tandem Repeat Number and 16S rRNA gene	EURASIAN JOURNAL OF MEDICAL ADVANCES	2022	1.132	AS Mondal, R Sharma, A Das, A Warghane
Growth Differentiation Factor-15 as a candidate biomarker in gynecologic malignancies: A meta-analysis	Cancer Investigation	2022	2.176	D Roy, A Modi , P Purohit, M Khokhar, M Goyal, S Sharma, P Setia, A Facciorusso, P Sharma
Visceral Adipose Tissue Molecular Networks and Regulatory microRNA in Pediatric Obesity: An In Silico Approach	International Journal of Molecular Sciences	2022	6.208	D Roy, A Modi , R Ghosh, R Ghosh, J Benito-León
ABC transporters in breast cancer: their roles in multidrug resistance and beyond	Journal of Drug Targeting	2022	5.121	A Modi , D Roy, S Sharma, J R Vishnoi, P Pareek, P Elhence, P Sharma, P Purohit
W215 Peripheral blood microrna 181b-5p and its target gene prediction in obese individuals with insulin resistance	Clinica Chimica Acta	2022	6.314	D Roy, P Purohit, A Modi , M Khokhar, R Shukla, P Sharma

T049 Role of GDF-15, ABCC5 and FOXM1 in the advancement of breast cancer stage and drug resistance	Clinica Chimica Acta	2022	6.314	A Modi , P Purohit, D Roy, JR Vishnoi, P Pareek, P Elhence, S Sharma, P Sharma
T153 Correlation analysis of serum GDF-15, miR 21 and SMAD7 in obese pre-diabetics and type 2 diabetics at a tertiary care centre of India	Clinica Chimica Acta	2022	6.314	P Purohit, D Roy, M Khokar, A Modi , R Shukla, P Sharma
T194 Peripheral blood Smad7 and miR-181b-5p possibly regulate insulin resistance in type 2 diabetes	Clinica Chimica Acta	2022	6.314	P Purohit, D Roy, A Modi , R Shukla, P Sharma
Serial estimation of gene expression of cardiac troponin I (cTnI) and autophagy gene HMGB1 to determine postmortem interval	Forensic Science International: Genetics	2022	4.882	S Thakral, P Setia, A Modi , R Mishra, V Meshram, A Sinha, Purvi Purohit
FOXM1 mediates GDF-15 dependent stemness and intrinsic drug resistance in breast cancer	Molecular Biology Reports	2022	2.742	A Modi , P Purohit, D Roy, J R Vishnoi, P Pareek, P Elhence, P Singh, S Sharma, P Sharma, S Misra
A clinical and in-silico study of MicroRNA-21 and growth differentiation factor-15 expression in pre-diabetes, type 2	Minerva Endocrinology	2022	3.757	R G Agarwal, M Khokhar, P Purohit, A Modi , N K Bajpai, G K Bohra, M K Garg, P Sharma

diabetes and diabetic nephropathy.				
<i>In-Silico</i> Analysis of Differentially Expressed Genes and Their Regulating microRNA Involved in Lymph Node Metastasis in Invasive Breast Carcinoma	Cancer Investigation	2022	2.368	A Modi , P Purohit, A Gadwal, S Ukey, D Roy, S Fernandes, M Banerjee
ANTI-THYROID ANTIBODIES AND THE GONADOTROPHINS PROFILE (LH/FSH) IN EUTHYROID POLYCYSTIC OVARIAN SYNDROME WOMEN.	Acta Endocrinologica	2022	1.104	M Sharma, A Modi , M Goyal, P Sharma, P Purohit
Growth differentiation factor-15 as a biomarker of obese pre-diabetes and type 2 diabetes mellitus in Indian subjects: a case-control study	Current Diabetes Reviews	2022	8.128	D Roy, P Purohit, A Modi , M Khokhar, R KG Shukla, R Chaudhary, S Sankanagoudar, P Sharma
Effect of different pre-treatments on seed germination and seedling growth of <i>Adenanthera pavonina</i>	Research on Crops	2022	1.383	K. Joshi, P Kotadiya, A. Singh, G. Shrimali , E. Rami
Key Concepts in Biology	Key Concepts in Biology	2022	Book Chapter	E. Rami, G Shrimali

<p>Novel Silibinin Loaded Chitosan-Coated PLGA/PCL Nanoparticles Based Inhalation Formulations with Improved Cytotoxicity and Bioavailability for Lung Cancer.</p>	<p>Bionanoscience</p>	<p>2022</p>	<p>2.305</p>	<p>Mihir Raval, Priya Patel, Vishal Airao, Vaibhav Bhatt, Navin Sheth</p>
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