

2020 Publications

Title	Journal	Year	Impact Factor	Authors
Novel Silibinin Loaded Chitosan-Coated PLGA/PCL Nanoparticles Based Inhalation Formulations with Improved Cytotoxicity and Bioavailability for Lung Cancer	BioNanoScience	2020	2.305	M.K. Raval, P.V. Patel, V. Airao, V.D. Bhatt , N.R. Sheth
Metagenomic dataset on lichen Dirinaria sp. from the Great Rann of Kutch and tropical moist deciduous Dang forest of Gujarat	Data in Brief	2020	1.38	A Puvar, C Mootapally , C Joshi, M Joshi
Development and Validation of Stability Indicating Chromatographic Methods for Determination of Azilsartan Medoxomil in Pharmaceutical Formation	Analytical Chemistry Letters	2020	2.329	M.N. Kher, V.D. Bhatt , A. Jani, N.R. Sheth
Sediment plasmidome of the Gulfs of Kathiawar Peninsula and Arabian Sea: Insights gained from metagenomics data	Microbial ecology	2020	4.192	C Mootapally , Mayur S Mahajan, N M Nathani
Living soil of fifty-year-old saw mill: Dawn bioresource with differential hydrolytic potentials	Ecological Genetics and Genomics	2020	2.3	N P P Pabbathi, C Mootapally , A Velidandi, K Dave, N M Nathani , R R Baadhe

International Nosocomial Infection Control Consortium (INICC) report, data summary of 45 countries for 2012-2017: Device-associated module	American journal of infection control	2020	4.303	D B Zala
Six-year multicenter study on short-term peripheral venous catheters-related bloodstream infection rates in 204 intensive care units of 57 hospitals in 19 cities of India: International Nosocomial Infection Control Consortium (INICC) findings	American journal of infection control	2020	4.303	D B Zala
Antiplasmodial Potential of Traditional Phytotherapy of Some Remedies Used in The Treatment of Malaria in India	Current Bioactive Compounds	2020	1.309	N Sheth, J Vadalia, J Sanandia, V.D. Bhatt
Marine Extremophiles: Adaptations and Biotechnological Applications	Encyclopedia of Marine Biotechnology	2020	Book Chapter	PJ Shukla, V.D. Bhatt , J Suriya, C Mootapally
Nature tourism in Garhwal Himalaya: Analyzing the local stakeholders' perception of the benefits of the tourism Industry	African Journal of Hospitality, Tourism and Leisure	2020	0.82	V.D. Bhatt , SP Bhartiya
Environmental Metabolomics: With the Perspective of Marine Toxicology Assessment	Environmental Biotechnology	2020	1.89	NPP Pabbathi, N M Nathani , IR Gadhvi, C Mootapally

Marine Niche: Applications in Pharmaceutical Sciences	Springer	2020	Book Chapter	N M Nathani, C Mootapally , IR Gadhvi, B Maitreya, CG Joshi
Advancements in Bioinformatics and Role in Marine Genomics and Metagenomics	Encyclopedia of Marine Biotechnology	2020	Book Chapter	N M Nathani , A Mitra, C Mootapally , RK Kothari
Role of Metagenomics in Exploring Marine Microbiomes: Current Status and Implications	Encyclopedia of Marine Biotechnology	2020	Book Chapter	C Mootapally, N M Nathani , S Solomon, B Subramanian, IR Gadhvi
Microbial Omics: Role in Ecological Studies and Environmental Control Measures	Environmental Biotechnology	2020	1.89	N M Nathani , RH Rajyaguru, PNP Prashanth, C Mootapally , BP Dave
Bacterial line of defense in Dirinaria lichen from two different ecosystems: first genomic insights of its mycobiont Dirinaria sp. GBRC AP01	Microbiological research	2020	5.415	A C Puvar, N M Nathani , I Shaikh, A D Bhatt, P Bhargava, C G Joshi, M N Joshi
Development of reverse transcription duplex PCR (RT-d-PCR) for simultaneous detection of the citrus tristeza virus and Indian citrus ringspot virus	International Journal of Innovative Horticulture	2020	NA	A Kokane, K Lawrence, D Surwase, P Misra A Warghane , DK Ghosh
Molecular detection and coat protein gene based characterization of Citrus tristeza virus prevalent in Sikkim state of India	Indian Phytopathology	2020	0.458	A Warghane , A Kokane, S Kokane, M Motghare, D Surwase, S P Chodhury, K K Biswas, D K Ghosh

Pseudomonas: The multifaceted Bacteria	Agriculture and Food: E Newsletter	2020	NA	S Sharma A Warghane , T Rajguru
In-silico characterization and RNA-binding protein based polyclonal antibodies production for detection of citrus tristeza virus	Molecular and cellular probes	2020	2.365	S B Kokane, A D Kokane, P Misra, A Warghane , P Kumar, M G Gubyad, A K Sharma, K K Biswas, D K Ghosh
Recent Developments in Synthetic Biology Toolbox	Engineering of Microbial Biosynthetic Pathways	2020	9.783	PP Vatsa, M Shri , P Bhargava, CG Joshi, M Joshi
Microbial Production of Industrial Proteins and Enzymes Using Metabolic Engineering	Engineering of Microbial Biosynthetic Pathways	2020	9.783	P Doshi, M Shri , P Bhargava, CG Joshi, M Joshi
Mechanisms of Arsenic Hyperaccumulation by Plants	Plant Ecophysiology and Adaptation under Climate Change: Mechanisms and Perspectives II	2020	Book Chapter	M Shri , D Chakrabarty, G Verma
Optimising total RNA quality and quantity by phenol-chloroform extraction method from human visceral adipose tissue: A standardisation study	MethodsX	2020	1.837	D Roy, S Tomo, A Modi , P Purohit, P Sharma
Perspectives on the role of PTEN in diabetic nephropathy: an update	Critical reviews in clinical laboratory sciences	2020	6.25	M Khokhar, D Roy, A Modi , R Agarwal, D Yadav, P Purohit, P Sharma
Acute kidney injury in COVID 19—an update on pathophysiology and management modalities	Archives of physiology and biochemistry	2020	4.076	M Khokhar, P Purohit, D Roy, S Tomo, A Gadwal, A Modi , M Banerjee, P Sharma

