

Narendrakumar Gopakumaran

List of Publications by Year in descending order

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Version: 2024-02-01

39
papers

431
citations

840776

11
h-index

794594

19
g-index

40
all docs

40
docs citations

40
times ranked

583
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of Ca ²⁺ ions on naphthalene adsorption/desorption onto calcium oxide nanoparticle: Adsorption isotherm, kinetics and regeneration studies. <i>Environmental Research</i> , 2022, 204, 112070.	7.5	19
2	Induction of Î², Îµ-carotene-3, 3â€²-diol (lutein) production in green algae <i>Chlorella salina</i> with airlift photobioreactor: interaction of different aeration and light-related strategies. <i>Biomass Conversion and Biorefinery</i> , 2021, 11, 2003-2012.	4.6	15
3	Surfaceâ€modified nanosilicaâ€chitinase (SiNpâ€Chs)â€doped nano enzyme conjugate and its synergistic pesticidal activity with plant extracts against armyworm <i>Spodoptera litura</i> (Fab.) (Lepidoptera: Tj ETQq1 1 0.784314 agBT /Ov		
4	Depiction of chitinase extracted from <i>Serratia marcescens</i> SU05 on Agriculturally important Fungi. <i>Research Journal of Pharmacy and Technology</i> , 2021, , 2412-2416.	0.8	0
5	Mechanistic model for the batch extraction of oil from avocado seeds available for biofuel production. <i>International Journal of Green Energy</i> , 2021, 18, 1645-1657.	3.8	4
6	Amalgamation and application of nano chitosan crossâ€linked with fish scales based activated carbon as an adsorbent for the removal of reactive dye (RB9). <i>IET Nanobiotechnology</i> , 2020, 14, 289-299.	3.8	10
7	Antimicrobial effect of <i>Sargassum plagiophyllum</i> mediated gold nanoparticles on <i>Escherichia coli</i> and <i>Salmonella typhi</i> . <i>Biocatalysis and Agricultural Biotechnology</i> , 2020, 26, 101627.	3.1	23
8	Utilization of palm oil mill effluent and clindamycin for optimization of polyhydroxy [r] alkanooates production. <i>Biointerface Research in Applied Chemistry</i> , 2020, 10, 4740-4746.	1.0	1
9	One pot Green Synthesis of Nano magnesium oxide-carbon composite: Preparation, characterization and application towards anthracene adsorption. <i>Journal of Cleaner Production</i> , 2019, 237, 117691.	9.3	56
10	Electrocoagulation of azo dye containing synthetic wastewater using monopolar iron electrodes and the characterization of the sludge. <i>Water Practice and Technology</i> , 2019, 14, 587-597.	2.0	4
11	Production, characterization and optimization of fibrinolytic protease from <i>Bacillus pseudomycolides</i> strain MA02 isolated from poultry slaughter house soils. <i>Biocatalysis and Agricultural Biotechnology</i> , 2019, 22, 101371.	3.1	15
12	Production, Optimization and Characterisation of Chitosanase of <i>Bacillus</i> sp. and its Applications in Nanotechnology. <i>Journal of Cluster Science</i> , 2019, 30, 607-620.	3.3	8
13	Management of printed circuit boards by newly designed thermal pyrolytic process: Process optimization by RSM approach. <i>Environmental Progress and Sustainable Energy</i> , 2019, 38, 489-499.	2.3	4
14	Optimisation of process parameters for electroless nickel plating on SS316L for refrigeration systems. <i>International Journal of Ambient Energy</i> , 2019, 40, 863-867.	2.5	6
15	Optimization of process parameters for naphthalene removal onto nano-iron oxide/carbon composite by response surface methodology, isotherm and kinetic studies. <i>Nanotechnology for Environmental Engineering</i> , 2018, 3, 1.	3.3	3
16	Soil extract calcium phosphate media for screening of phosphate-solubilizing bacteria. <i>Agriculture and Natural Resources</i> , 2018, 52, 305-308.	0.1	13
17	Production, characterization and emulsifying property of exopolysaccharide produced by marine isolate of <i>Pseudomonas fluorescens</i> . <i>Biocatalysis and Agricultural Biotechnology</i> , 2018, 16, 320-325.	3.1	16
18	A comparative analysis of biodiesel production and its properties from <i>Leptolyngbya</i> sp. BI-107 and <i>Chlorella vulgaris</i> under heat shock stress. <i>Biocatalysis and Agricultural Biotechnology</i> , 2018, 16, 502-506.	3.1	14

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19	Enhancement of biocontrol potential of biocompatible bovine serum albumin (BSA) based protein nanoparticles loaded bacterial chitinase against major plant pathogenic fungi <i>Alternaria alternata</i> . <i>Biocatalysis and Agricultural Biotechnology</i> , 2018, 15, 219-228.	3.1	8
20	Unraveling rapid extraction of fucoxanthin from <i>Padina tetrastratica</i> : Purification, characterization and biomedical application. <i>Process Biochemistry</i> , 2018, 73, 211-219.	3.7	57
21	Adsorption of Amaranth Dye from Aqueous Solution Using Environmental Friendly Biosorbents-eggshell Powder. <i>Pakistan Journal of Biological Sciences</i> , 2018, 21, 414-422.	0.5	5
22	Optimization and characterization of poly[R]hydroxyalkanoate of <i>Pseudomonas aeruginosa</i> SU-1 to utilize in nanoparticle synthesis for curcumin delivery. <i>Biocatalysis and Agricultural Biotechnology</i> , 2017, 12, 292-298.	3.1	16
23	ANALYSIS OF GUT FLORA FROM DAMP WOOD TERMITES (<i>TRINERVITERMES</i> SPP.) AND EXTRACTION, CHARACTERIZATION OF CELLULASE FROM THE ISOLATE. <i>Asian Journal of Pharmaceutical and Clinical Research</i> , 2017, 10, 233.	0.3	0
24	In Silico Analysis on Docking Studies of Haemolysin Protein in <i>Vibrio Parahaemolyticus</i> . <i>Biomedical and Pharmacology Journal</i> , 2017, 10, 1879-1886.	0.5	2
25	Effect of Baculovirus with adjuvants against <i>Helicoverpa armigera</i> (HBN) on Cotton and evaluation of its effect in Different Instar. <i>Research Journal of Pharmacy and Technology</i> , 2017, 10, 2111.	0.8	2
26	Docking studies of Benzisoxazole analogues in White Spot Syndrome Virus. <i>Research Journal of Pharmacy and Technology</i> , 2017, 10, 2497.	0.8	3
27	<i>Bacillus circulans</i> exopolysaccharide: Production, characterization and bioactivities. <i>International Journal of Biological Macromolecules</i> , 2016, 87, 405-414.	7.5	65
28	Application of Response Surface Methodology (RSM) to optimize culture media for the production of rhamnolipids by <i>Pseudomonas aeruginosa</i> . <i>Research Journal of Pharmacy and Technology</i> , 2016, 9, 335.	0.8	3
29	Comparison of Response Surface Methodology and Artificial Neural Networks for Optimization of Medium Constituents for Enhancement of phytase production from <i>Hypocrea lixii</i> SURT01. <i>Research Journal of Pharmacy and Technology</i> , 2016, 9, 430.	0.8	6
30	Extraction of pectin from used citrus limon and optimization of process parameters using response surface methodology. <i>Research Journal of Pharmacy and Technology</i> , 2016, 9, 2246.	0.8	3
31	Extraction, phytochemical screening and antibacterial activity <i>Wattakaka volubilis</i> (Linn F) Stapf. <i>Research Journal of Pharmacy and Technology</i> , 2016, 9, 355.	0.8	0
32	Production and optimization of extracellular fungal chitinase produced by <i>Metarhizium anisopliae</i> (M.) Sorokin through Submerged and Solid State Fermentation. <i>Research Journal of Pharmacy and Technology</i> , 2015, 8, 280.	0.8	2
33	Evaluation of in Vitro Drug Controlled Release of Biocompatible Metallic and Non Metallic Nanoparticles Incorporated Anti Bacterial Antibiotics and Their Anti Biofilm Activity Against <i>E.coli</i> . <i>Research Journal of Pharmacy and Technology</i> , 2015, 8, 316.	0.8	3
34	Optimization of Cellulase Producing <i>Aspergillus flavus</i> SB4 by Solid State Fermentation using Response Surface Methodology (RSM)-CCD. <i>Research Journal of Pharmacy and Technology</i> , 2015, 8, 349.	0.8	8
35	Reduction of COD and Decolourisation of UASB spent wash using E-MBR. <i>Research Journal of Pharmacy and Technology</i> , 2015, 8, 845.	0.8	2
36	Production, Formulation and Application of Seaweed Liquid Fertilizer using Humic Acid on Growth of <i>Arachis hypogaea</i> . <i>Biosciences, Biotechnology Research Asia</i> , 2014, 11, 1515-1519.	0.5	12

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37	Phylogenetic Analysis of The Internal Transcribed Spacer (ITS) Region in Laccase Producing <i>Pseudomonas aeruginosa</i> ADN04 by Predicted rRNA Secondary Structure. <i>Biosciences, Biotechnology Research Asia</i> , 2014, 11, 1573-1579.	0.5	1
38	Biodegradation of Acid Blue 113 Containing Textile Effluent by Constructed Aerobic Bacterial Consortia: Optimization and Mechanism. <i>Journal of Bioremediation & Biodegradation</i> , 2012, 03, .	0.5	11
39	Influence of substrate concentration in accumulation pattern of poly(R) hydroxyalkanoate in <i>Pseudomonas putida</i> SU-8. <i>African Journal of Microbiology Research</i> , 2012, 6, .	0.4	3