

Narendrakumar Gopakumaran

List of Publications by Year in descending order

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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	Bacillus circulans exopolysaccharide: Production, characterization and bioactivities. International Journal of Biological Macromolecules, 2016, 87, 405-414.	7.5	65
2	Unraveling rapid extraction of fucoxanthin from Padina tetrastromatica: Purification, characterization and biomedical application. Process Biochemistry, 2018, 73, 211-219.	3.7	57
3	One pot Green Synthesis of Nano magnesium oxide-carbon composite: Preparation, characterization and application towards anthracene adsorption. Journal of Cleaner Production, 2019, 237, 117691.	9.3	56
4	Antimicrobial effect of Sargassum plagiophyllum mediated gold nanoparticles on Escherichia coli and Salmonella typhi. Biocatalysis and Agricultural Biotechnology, 2020, 26, 101627.	3.1	23
5	Effect of Ca ²⁺ ions on naphthalene adsorption/desorption onto calcium oxide nanoparticle: Adsorption isotherm, kinetics and regeneration studies. Environmental Research, 2022, 204, 112070.	7.5	19
6	Optimization and characterization of poly[R]hydroxyalkanoate of Pseudomonas aeruginosa SU-1 to utilize in nanoparticle synthesis for curcumin delivery. Biocatalysis and Agricultural Biotechnology, 2017, 12, 292-298.	3.1	16
7	Production, characterization and emulsifying property of exopolysaccharide produced by marine isolate of Pseudomonas fluorescens. Biocatalysis and Agricultural Biotechnology, 2018, 16, 320-325.	3.1	16
8	Production, characterization and optimization of fibrinolytic protease from Bacillus pseudomycoloides strain MA02 isolated from poultry slaughter house soils. Biocatalysis and Agricultural Biotechnology, 2019, 22, 101371.	3.1	15
9	Induction of β -carotene-3, 3'-diol (lutein) production in green algae Chlorella salina with airlift photobioreactor: interaction of different aeration and light-related strategies. Biomass Conversion and Biorefinery, 2021, 11, 2003-2012.	4.6	15
10	A comparative analysis of biodiesel production and its properties from Leptolyngbya sp. BI-107 and Chlorella vulgaris under heat shock stress. Biocatalysis and Agricultural Biotechnology, 2018, 16, 502-506.	3.1	14
11	Soil extract calcium phosphate media for screening of phosphate-solubilizing bacteria. Agriculture and Natural Resources, 2018, 52, 305-308.	0.1	13
12	Production, Formulation and Application of Seaweed Liquid Fertilizer using Humic Acid on Growth of Arachis hypogaea. Biosciences, Biotechnology Research Asia, 2014, 11, 1515-1519.	0.5	12
13	Biodegradation of Acid Blue 113 Containing Textile Effluent by Constructed Aerobic Bacterial Consortia: Optimization and Mechanism. Journal of Bioremediation & Biodegradation, 2012, 03, .	0.5	11
14	Amalgamation and application of nano chitosan cross-linked with fish scales based activated carbon as an adsorbent for the removal of reactive dye (RB9). IET Nanobiotechnology, 2020, 14, 289-299.	3.8	10
15	Enhancement of biocontrol potential of biocompatible bovine serum albumin (BSA) based protein nanoparticles loaded bacterial chitinase against major plant pathogenic fungi Alternaria alternata. Biocatalysis and Agricultural Biotechnology, 2018, 15, 219-228.	3.1	8
16	Production, Optimization and Characterisation of Chitosanase of Bacillus sp. and its Applications in Nanotechnology. Journal of Cluster Science, 2019, 30, 607-620.	3.3	8
17	Optimization of Cellulase Producing <i>Aspergillus flavus</i> SB4 by Solid State Fermentation using Response Surface Methodology (RSM)-CCD. Research Journal of Pharmacy and Technology, 2015, 8, 349.	0.8	8
18	Optimisation of process parameters for electroless nickel plating on SS316L for refrigeration systems. International Journal of Ambient Energy, 2019, 40, 863-867.	2.5	6

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19	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. Research Journal of Pharmacy and Technology, 2016, 9, 430.	0.8	6
20	Adsorption of Amaranth Dye from Aqueous Solution Using Environmental Friendly Biosorbents-eggshell Powder. Pakistan Journal of Biological Sciences, 2018, 21, 414-422.	0.5	5
21	Electrocoagulation of azo dye containing synthetic wastewater using monopolar iron electrodes and the characterization of the sludge. Water Practice and Technology, 2019, 14, 587-597.	2.0	4
22	Management of printed circuit boards by newly designed thermal pyrolytic process: Process optimization by RSM approach. Environmental Progress and Sustainable Energy, 2019, 38, 489-499.	2.3	4
23	Mechanistic model for the batch extraction of oil from avocado seeds available for biofuel production. International Journal of Green Energy, 2021, 18, 1645-1657.	3.8	4
24	Optimization of process parameters for naphthalene removal onto nano-iron oxide/carbon composite by response surface methodology, isotherm and kinetic studies. Nanotechnology for Environmental Engineering, 2018, 3, 1.	3.3	3
25	Surface-modified nanosilica-chitinase (SiNp-Chs)-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 8gBT /Over	3.7	3
26	Evaluation of in Vitro Drug Controlled Release of Biocompatible Metallic and Non Metallic Nanoparticles Incorporated Anti Bacterial Antibiotics and Their Anti Biofilm Activity Against E.coli. Research Journal of Pharmacy and Technology, 2015, 8, 316.	0.8	3
27	Application of Response Surface Methodology (RSM) to optimize culture media for the production of rhamnolipids by <i>Pseudomonas aeruginosa</i> . Research Journal of Pharmacy and Technology, 2016, 9, 335.	0.8	3
28	Extraction of pectin from used citrus limon and optimization of process parameters using response surface methodology. Research Journal of Pharmacy and Technology, 2016, 9, 2246.	0.8	3
29	Influence of substrate concentration in accumulation pattern of poly(R) hydroxyalkanoate in <i>Pseudomonas putida</i> SU-8. African Journal of Microbiology Research, 2012, 6, .	0.4	3
30	Docking studies of Benzisoxazole analogues in White Spot Syndrome Virus. Research Journal of Pharmacy and Technology, 2017, 10, 2497.	0.8	3
31	In Silico Analysis on Docking Studies of Haemolysin Protein in <i>Vibrio Parahaemolyticus</i> . Biomedical and Pharmacology Journal, 2017, 10, 1879-1886.	0.5	2
32	Production and optimization of extracellular fungal chitinase produced by <i>Metarhizium anisopliae</i> (M.) Sorokin through Submerged and Solid State Fermentation. Research Journal of Pharmacy and Technology, 2015, 8, 280.	0.8	2
33	Reduction of COD and Decolourisation of UASB spent wash using E-MBR. Research Journal of Pharmacy and Technology, 2015, 8, 845.	0.8	2
34	Effect of Baculovirus with adjuvants against <i>Helicoverpa armigera</i> (HBN) on Cotton and evaluation of its effect in Different Instar. Research Journal of Pharmacy and Technology, 2017, 10, 2111.	0.8	2
35	Utilization of palm oil mill effluent and clindamycin for optimization of polyhydroxy [r] alkanates production. Biointerface Research in Applied Chemistry, 2020, 10, 4740-4746.	1.0	1
36	Phylogenetic Analysis of The Internal Transcribed Spacer (ITS) Region in Laccase Producing <i>Pseudomonas aeruginosa</i> ADN04 by Predicted rRNA Secondary Structure. Biosciences, Biotechnology Research Asia, 2014, 11, 1573-1579.	0.5	1

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37	ANALYSIS OF GLUT FLORA FROM DAMP WOOD TERMITES (TRINERVITERMES SPP.) AND EXTRACTION, CHARACTERIZATION OF CELLULASE FROM THE ISOLATE. Asian Journal of Pharmaceutical and Clinical Research, 2017, 10, 233.	0.3	0
38	Depiction of chitinase extracted from Serratia marcescens SU05 on Agriculturally important Fungi. Research Journal of Pharmacy and Technology, 2021, , 2412-2416.	0.8	0
39	Extraction, phytochemical screening and antibacterial activityWattakaka volubilis(Linn F) Stapf. Research Journal of Pharmacy and Technology, 2016, 9, 355.	0.8	0