Vasanth D

List of Publications by Year
in descending order

19 papers	509 citations	1163117 8 h-index	839539 18 g-index
19 all docs	19 docs citations	19 times ranked	527 citing authors

#	Article	IF	Citations
1	Separation of Bacteria Kocuria rhizophila from Fermentation Broth by Cross-Flow Microfiltration Using Inexpensive Tubular Ceramic Membrane. Arabian Journal for Science and Engineering, 2022, 47, 5767-5776.	3.0	6
2	Production and characterization of a novel thermostable laccase from Bacillus licheniformis VNQ and its application in synthesis of bioactive 1,4-naphthoquinones. Journal of Bioscience and Bioengineering, 2022, 133, 8-16.	2.2	4
3	Fabrication and properties of polyhydroxybutyrate/kaolin nanocomposites and evaluation of their biocompatibility for biomedical applications. Journal of Applied Polymer Science, 2022, 139, 51803.	2.6	5
4	Extracellular Synthesis of Silver Nanoparticles Using a Novel Bacterial Strain Kocuria rhizophila BR-1: Process Optimization and Evaluation of Antibacterial Activity. BioNanoScience, 2022, 12, 423-438.	3.5	5
5	Synthesis of zirconia-ceramic composite membrane employing a low-cost precursor and evaluation its performance for separation of microbially produced silver nanoparticles. Journal of Environmental Chemical Engineering, 2022, 10, 107569.	6.7	3
6	Experimental study on fabrication, biocompatibility and mechanical characterization of polyhydroxybutyrate-ball clay bionanocomposites for bone tissue engineering. International Journal of Biological Macromolecules, 2022, 209, 1995-2008.	7.5	5
7	Separation of bacteria Kocuria rhizophila BR-1 from its broth during synthesis of gold nanoparticles using ceramic membrane by shear-enhanced filtration process. Chemosphere, 2021, 281, 130761.	8.2	1
8	Extracellular Thermostable Laccase-Like Enzymes from Bacillus licheniformis Strains: Production, Purification and Characterization. Applied Biochemistry and Microbiology, 2020, 56, 420-432.	0.9	10
9	Madhuca indica flower extract as cheaper carbon source for production of poly (3-hydroxybutyrate-co-3-hydroxyvalerate) using Ralstonia eutropha. Process Biochemistry, 2019, 87, 1-9.	3.7	13
10	Treatment of aqueous bacterial solution using ceramic membrane prepared from cheaper clays: A detailed investigation of fouling and cleaning. Journal of Water Process Engineering, 2019, 29, 100797.	5.6	26
11	Production of highly thermo-tolerant laccase from novel thermophilic bacterium Bacillus sp. PC-3 and its application in functionalization of chitosan film. Journal of Bioscience and Bioengineering, 2019, 127, 672-678.	2.2	33
12	Preparation, characterization, and performance evaluation of LTA zeolite–ceramic composite membrane by separation of BSA from aqueous solution. Separation Science and Technology, 2017, 52, 767-777.	2.5	8
13	Fabrication of circular shaped ceramic membrane using mixed clays by uniaxial compaction method for the treatment of oily wastewater. International Journal of Nano and Biomaterials, 2014, 5, 75.	0.1	1
14	Cross-flow microfiltration of oil-in-water emulsions using low cost ceramic membranes. Desalination, 2013, 320, 86-95.	8.2	108
15	Performance of Low Cost Ceramic Microfiltration Membranes for the Treatment of Oil-in-water Emulsions. Separation Science and Technology, 2013, 48, 849-858.	2.5	23
16	Biomass assisted microfiltration of chromium(VI) using Baker's yeast by ceramic membrane prepared from low cost raw materials. Desalination, 2012, 285, 239-244.	8.2	27
17	Influence of Sintering Temperature on the Properties of Porous Ceramic Support Prepared by Uniaxial Dry Compaction Method Using Low-Cost Raw Materials for Membrane Applications. Separation Science and Technology, 2011, 46, 1241-1249.	2.5	51
18	Fabrication and properties of low cost ceramic microfiltration membranes for separation of oil and bacteria from its solution. Journal of Membrane Science, 2011, 379, 154-163.	8.2	178

#	Article	IF	Citations
19	Synthesis of ceramic tubular membrane from low‑cost clay precursors for blood purification application as substitution to commercial dialysis membrane. Journal of Chemical Technology and Biotechnology, 0, , .	3.2	2