

Vasanth D

List of Publications by Year in descending order

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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	Fabrication and properties of low cost ceramic microfiltration membranes for separation of oil and bacteria from its solution. <i>Journal of Membrane Science</i> , 2011, 379, 154-163.	8.2	178
2	Cross-flow microfiltration of oil-in-water emulsions using low cost ceramic membranes. <i>Desalination</i> , 2013, 320, 86-95.	8.2	108
3	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. <i>Separation Science and Technology</i> , 2011, 46, 1241-1249.	2.5	51
4	Production of highly thermo-tolerant laccase from novel thermophilic bacterium <i>Bacillus</i> sp. PC-3 and its application in functionalization of chitosan film. <i>Journal of Bioscience and Bioengineering</i> , 2019, 127, 672-678.	2.2	33
5	Biomass assisted microfiltration of chromium(VI) using Baker's yeast by ceramic membrane prepared from low cost raw materials. <i>Desalination</i> , 2012, 285, 239-244.	8.2	27
6	Treatment of aqueous bacterial solution using ceramic membrane prepared from cheaper clays: A detailed investigation of fouling and cleaning. <i>Journal of Water Process Engineering</i> , 2019, 29, 100797.	5.6	26
7	Performance of Low Cost Ceramic Microfiltration Membranes for the Treatment of Oil-in-water Emulsions. <i>Separation Science and Technology</i> , 2013, 48, 849-858.	2.5	23
8	<i>Madhuca indica</i> flower extract as cheaper carbon source for production of poly (3-hydroxybutyrate-co-3-hydroxyvalerate) using <i>Ralstonia eutropha</i> . <i>Process Biochemistry</i> , 2019, 87, 1-9.	3.7	13
9	Extracellular Thermostable Laccase-Like Enzymes from <i>Bacillus licheniformis</i> Strains: Production, Purification and Characterization. <i>Applied Biochemistry and Microbiology</i> , 2020, 56, 420-432.	0.9	10
10	Preparation, characterization, and performance evaluation of LTA zeolite-ceramic composite membrane by separation of BSA from aqueous solution. <i>Separation Science and Technology</i> , 2017, 52, 767-777.	2.5	8
11	Separation of <i>Bacteria Kocuria rhizophila</i> from Fermentation Broth by Cross-Flow Microfiltration Using Inexpensive Tubular Ceramic Membrane. <i>Arabian Journal for Science and Engineering</i> , 2022, 47, 5767-5776.	3.0	6
12	Fabrication and properties of polyhydroxybutyrate/kaolin nanocomposites and evaluation of their biocompatibility for biomedical applications. <i>Journal of Applied Polymer Science</i> , 2022, 139, 51803.	2.6	5
13	Extracellular Synthesis of Silver Nanoparticles Using a Novel Bacterial Strain <i>Kocuria rhizophila</i> BR-1: Process Optimization and Evaluation of Antibacterial Activity. <i>BioNanoScience</i> , 2022, 12, 423-438.	3.5	5
14	Experimental study on fabrication, biocompatibility and mechanical characterization of polyhydroxybutyrate-ball clay bionanocomposites for bone tissue engineering. <i>International Journal of Biological Macromolecules</i> , 2022, 209, 1995-2008.	7.5	5
15	Production and characterization of a novel thermostable laccase from <i>Bacillus licheniformis</i> VNQ and its application in synthesis of bioactive 1,4-naphthoquinones. <i>Journal of Bioscience and Bioengineering</i> , 2022, 133, 8-16.	2.2	4
16	Synthesis of zirconia-ceramic composite membrane employing a low-cost precursor and evaluation its performance for separation of microbially produced silver nanoparticles. <i>Journal of Environmental Chemical Engineering</i> , 2022, 10, 107569.	6.7	3
17	Synthesis of ceramic tubular membrane from low-cost clay precursors for blood purification application as substitution to commercial dialysis membrane. <i>Journal of Chemical Technology and Biotechnology</i> , 0, , .	3.2	2
18	Fabrication of circular shaped ceramic membrane using mixed clays by uniaxial compaction method for the treatment of oily wastewater. <i>International Journal of Nano and Biomaterials</i> , 2014, 5, 75.	0.1	1

#	ARTICLE	IF	CITATIONS
19	Separation of bacteria <i>Kocuria rhizophila</i> BR-1 from its broth during synthesis of gold nanoparticles using ceramic membrane by shear-enhanced filtration process. <i>Chemosphere</i> , 2021, 281, 130761.	8.2	1