

Subhankar Basu

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4185929/publications.pdf>

Version: 2024-02-01

25
papers

1,467
citations

567144

15
h-index

642610

23
g-index

25
all docs

25
docs citations

25
times ranked

1975
citing authors

#	ARTICLE	IF	CITATIONS
1	Active layer modification of commercial nanofiltration membrane using <scp>CuBTC</scp>/<scp>PVA</scp> matrix for improved surface and separation characteristics. Journal of Applied Polymer Science, 2021, 138, app50508.	1.3	7
2	Recovery of protein and carbohydrate from dairy wastewater using ultrafiltration and forward osmosis processes. Materials Today: Proceedings, 2021, 47, 1400-1403.	0.9	5
3	Separation of lignin from pulp and paper mill wastewater using forward osmosis process. Materials Today: Proceedings, 2021, 47, 1423-1429.	0.9	3
4	Reclamation of water from dairy wastewater using membrane bioreactor (MBR) â€“ Membrane filtration processes. Materials Today: Proceedings, 2021, 47, 1452-1456.	0.9	6
5	Development of cellulose acetate-chitosan-metal organic framework forward osmosis membrane for recovery of water and nutrients from wastewater. Journal of Environmental Chemical Engineering, 2021, 9, 105882.	3.3	26
6	Comprehensive treatment scheme for distillery wastewater targeting recovery of water, antioxidant compounds and biogas. Journal of Water Process Engineering, 2020, 38, 101663.	2.6	10
7	Influence of Forward Osmosis (FO) membrane properties on dewatering of molasses distillery wastewater. Journal of Water Process Engineering, 2019, 32, 100921.	2.6	17
8	Dewatering of sewage for nutrients and water recovery by Forward Osmosis (FO) using divalent draw solution. Journal of Water Process Engineering, 2019, 31, 100853.	2.6	40
9	Polyaniline/carbon nanotube-graphite modified electrode sensor for detection of bisphenol A. Ionics, 2019, 25, 2857-2864.	1.2	27
10	Fractionation of sugarcane molasses distillery wastewater and evaluation of antioxidant and antimicrobial characteristics. Industrial Crops and Products, 2018, 118, 73-80.	2.5	24
11	Concentrating molasses distillery wastewater using biomimetic forward osmosis (FO) membranes. Water Research, 2018, 130, 271-280.	5.3	75
12	Recovery of antioxidants from sugarcane molasses distillery wastewater and its effect on biomethanation. Journal of Water Process Engineering, 2018, 25, 205-211.	2.6	19
13	Activated carbon from sugarcane bagasse ash for melanoidins recovery. Journal of Environmental Management, 2017, 200, 29-34.	3.8	34
14	Forward Osmosis in Wastewater Treatment Processes. Acta Chimica Slovenica, 2017, 64, 83-94.	0.2	39
15	High strength distillery wastewater treatment by a PAC-MBR with low PAC dosage. Water Science and Technology, 2016, 73, 1104-1111.	1.2	6
16	Separation of zinc oxide nanoparticles in water stream by membrane filtration. Journal of Water Reuse and Desalination, 2016, 6, 148-155.	1.2	5
17	Formation and characterisation of aerobic sludge aggregates in a lab-scale activated sludge system. International Journal of Environment and Waste Management, 2015, 16, 38.	0.2	0
18	Integrated treatment of molasses distillery wastewater using microfiltration (MF). Journal of Environmental Management, 2015, 158, 55-60.	3.8	44

#	ARTICLE	IF	CITATIONS
19	Covalently Immobilized Laccase for Decolourization of Glucose-Glycine Maillard Products as Colourant of Distillery Wastewater. <i>Applied Biochemistry and Biotechnology</i> , 2015, 177, 76-89.	1.4	21
20	Biological nitrate removal using waste-derived extracts as sole carbon source. <i>International Journal of Environment and Waste Management</i> , 2014, 14, 276.	0.2	0
21	Treatment of nitrate-rich water in a baffled membrane bioreactor (BMBR) employing waste derived materials. <i>Journal of Environmental Management</i> , 2014, 146, 16-21.	3.8	8
22	Novel high throughput equipment for membrane-based gas separations. <i>Journal of Membrane Science</i> , 2010, 354, 32-39.	4.1	69
23	Asymmetric Matrimid®/[Cu ₃ (BTC) ₂] mixed-matrix membranes for gas separations. <i>Journal of Membrane Science</i> , 2010, 362, 478-487.	4.1	259
24	Membrane-based technologies for biogas separations. <i>Chemical Society Reviews</i> , 2010, 39, 750-768.	18.7	472
25	Solvent resistant nanofiltration (SRNF) membranes based on metal-organic frameworks. <i>Journal of Membrane Science</i> , 2009, 344, 190-198.	4.1	251