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Title of paper	Name of the author/s	Name of journal	Year of publication	ISSN number	Link to the notification in UGC enlistment of the Journal
Ultrasound assisted preparation, characterization, and application of biosorbent for Rhodamine 6G removal from wastewater	Vinod D. Pakhale Parag R. Gogate	Environmental Quality Management	January 2023	1520-6483	https://www.scopus.com/sourceid/5000160301
Intensification of interesterification of sustainable feedstock as mahua oil for biodiesel production	Sudhir S. Gandhi Parag R. Gogate Vinod D. Pakhale	International Journal of Green Energy	December 2022	1543-5075	https://www.scopus.com/sourceid/4700151730
Preparation, Characterization, and Evaluation of Emission and Performance Characteristics of Thumba Methyl Ester (Biodiesel)	Abhijeet D. Patil Saroj Sundar Baral Dillip Kumar Mohanty Nitin M. Rane	ACS Omega	November 2022	2470-1343	https://www.scopus.com/sourceid/21100828963
Optimization of Process for Removal of Fe-Cu from Wastewater with Biodegradable Adsorbent	Nitin M. Rane Sandeep P. Shewale	Recent Innovations in Chemical Engineering	September 2022	2405-5204	https://www.scopus.com/sourceid/21100395734
Intensification of total phenolic compounds extraction from Azadirachta indica (Neem) leaves by ultrasound	Sandeep P. Shewale Miraj Kapadia Virendra K. Rathod	Chemical Engineering and Processing - Process Intensification	August 2022	0255-2701	https://www.scopus.com/sourceid/16392
Optimization of Nanoscience Parameters for Extracting Phenolic Compounds from Ficus religiosa by Three-Phase Partitioning (TPP) Method	Nitin M. Rane Sandeep P. Shewale	Current Nanomaterials	June 2022	2405-4615	https://www.scopus.com/sourceid/21101021771
Evaluation of Carbon Dioxide Solubility in Aqueous Solutions of Diethylethanolamine Using Improved Kent–Eisenberg Model	Narayan, S.P	Russian Journal of Physical Chemistry	2022	ISSN: 1531-863X	DOI: 10.1134/S0036024422140175
Evaluation of Carbon Dioxide Solubility in Aqueous Solutions of Diethylethanolamine Using Improved Kent–Eisenberg Model	Narayan, S.P	Russian Journal of Physical Chemistry	2022	ISSN: 1531-863X	DOI: 10.1134/S0036024422140175
Evaluation of Carbon Dioxide Solubility in aqueous solutions of Diethylethanolamine Using Improved Kent-Eisenberg Model	P N Sutar	Russian Journal of Physical Chemistry A	2022	0036-0244	DOI: 10.1134/S0036024422140175

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Comparison of Multivariable Models for Predicting Kinematic Viscosity of Biodiesel Obtained Using Transesterification in Ultrasonic Horn	Sudhir S Gandhi, Parag R Gogate, M Senthilkumar	Arabian Journal for Science and Engineering.(2022).	2022	ISSN 2191-4281	DOI: 10.1007/s13369-022-06565-3
Extraction of total antioxidants from Azadirachta indica (neem) using three phase partitioning and its process intensification using ultrasound	Sandeep P Shewale, Dhanashree Panadare & Virendra K. Rathod	Preparative Biochemistry & Biotechnology Latest Articles	2021		DOI: 10.1080/10826068.2021.1972424
Removal of Rhodamine 6G from Industrial Wastewater Using Combination Approach of Adsorption Followed by Sonication	Pakhale, V.D., Gogate, P.R.	Article in Press	2021	ISSN : 1319-8025	DOI: 10.1007/s13369-020-05074-5
Intensified transesterification of castor oil using ultrasonic horn: response surface methodology (RSM) based optimization	S S Gandhi P R Gogate	International Journal of Green Energy	2021	ISSN: 1366-5901	https://doi.org/10.1080/15435075.2021.1911808
Hydrodynamic optimisation to control membrane fouling in glycyrrhizic acid (GA) recovery from the licorice root extract	Shewale, S.P., Jadhav, S.V., Rathod, V.K.	Indian Chemical Engineer	2021	ISSN: 0019-4506	DOI: 10.1080/00194506.2019.1689184
Extraction of total antioxidants from Azadirachta indica (neem) using three phase partitioning and its process intensification using ultrasound	Sandeep P Shewale, Dhanashree Panadare & Virendra K. Rathod	Preparative Biochemistry & Biotechnology Latest Articles	2021	ISSN: 10826068 15322297	DOI: 10.1080/10826068.2021.1972424.
Electricity Generation from Dairy Farm Wastes In a Dual-Chamber Microbial Fuel Cell Using Aluminium Electrodes	Pruthviraj Gadhawe, Rajesh Sasane, Gopal Wagh, Nisargendu Bhatt, Parag Sutar	International Journal of Recent Technology and Engineering (IJRTE)	2020		DOI: 10.35940/ijrte.D8086.038620