

List of Publications 23 NOs

S.No	Title of the paper	First Author & Affiliation	Remaining Authors & Affiliation as per the order in papers	Name of the Journal / Conference	Volume No, Issue No Page No Month & Year	Indexin g Scopus/ SCI/ SCIE/ WoSetc	Is it availa ble in Scopus Autho r Search (Yes/ No)	Online Link of the paper (by clicking this link, paper should opened in online)
1.	Thermal Processing of Liquid Food in a rectangular prism – Type Container	Suresh Krishnan - Department of Chemical Engineering, SRMIST, Kattankulathur, Chennai, Tamilnadu - 603203, India.	Asish Kapoor - Department of Chemical Engineering, SRMIST, Kattankulathur, Chennai, Tamilnadu - 603203, India. Bonasi Krishna Srihari	AIP Conference proceedings	2516, 410003 (Nov, 30,2022)	Scopus	Yes	<u>nttps://doi.org/10.1063/5.0108</u> <u>554</u>

			Department of chemical Engineering, National Institute of Technology, Srinagar, Jammu & Kashmir, India. Balasubramanian Sivasamy - Department of Chemical Engineering, KPR Institute of Engineering and Technology, Coimbatore - 641407.					
2.	Computational Fluid Dynamics studies on the flow of fluids through microchannel with intentional obstacles	Bonasi Krishna Srihari Department of chemical Engineering, National Institute of Technology, Srinagar, Jammu	Asish Kapoor - Department of Chemical Engineering, SRMIST, Kattankulathur, Chennai, Tamilnadu - 603203, India.	AIP Conference proceedings	2516, 170003 (Nov 30, 2022)	Scopus	Yes	https://doi.org/10.1063/5.010 8550

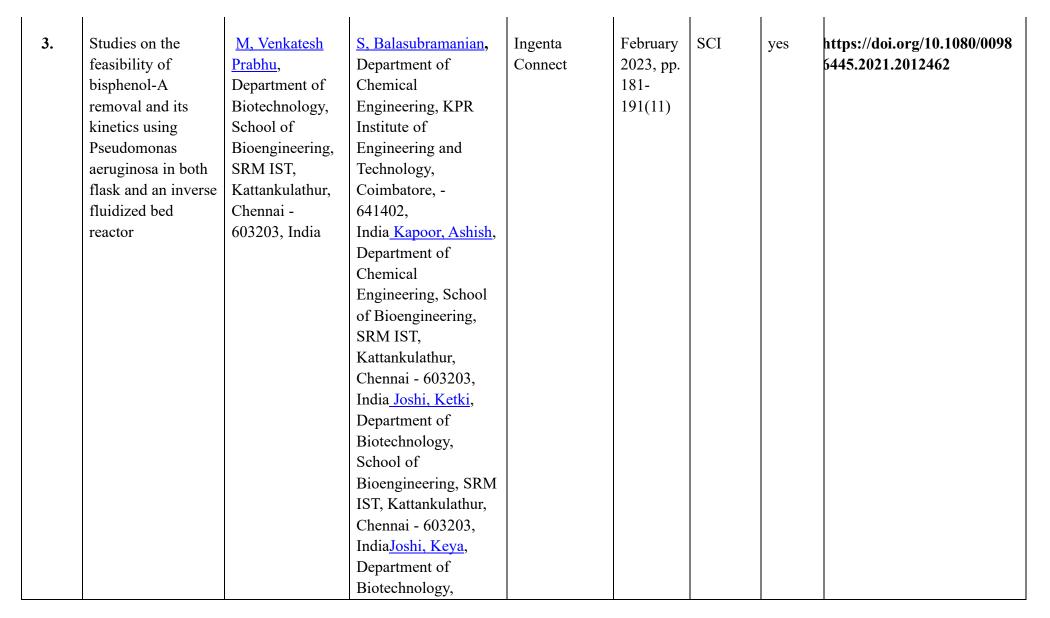




& Kashmir,	Suresh Krishnan -
India.	Department of
	Chemical
	Engineering,
	SRMIST,
	Kattankulathur,
	Chennai, Tamilnadu -
	603203, India.
	Balasubramanian
	Sivasamy -
	Department of
	Chemical
	Engineering, KPR
	Institute of
	Engineering and
	Technology,
	Coimbatore - 641407.
	Asish Kapoor -
	Department of
	Chemical
	Engineering,
	SRMIST,
	Kattankulathur,
	Chennai, Tamilnadu -
	603203, India.

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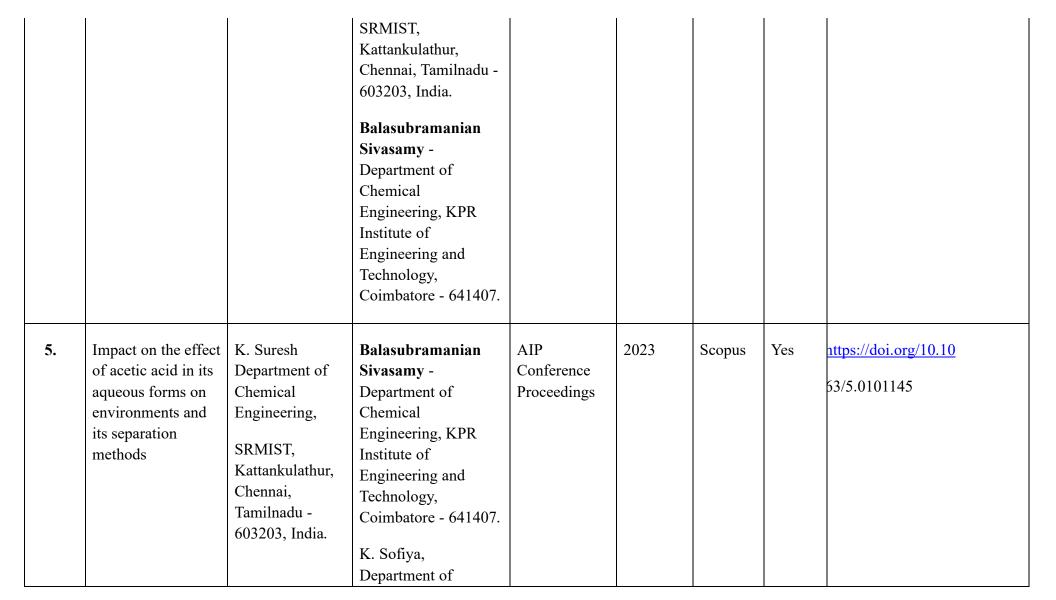




			School of Bioengineering, SRM IST, Kattankulathur, Chennai - 603203, India <u>Shariffa</u> , <u>Nasrin</u> ,Department of Biotechnology, School of Bioengineering, SRM IST, Kattankulathur, Chennai - 603203, India					
4.	Lipid Extraction from freshwater and marine microalgae using confined impinging jet mixer	Gaurav Kumar Poricha Department of Chemical Engineering, SRMIST, Kattankulathur, Chennai, Tamilnadu - 603203, India.	Venkatesh Prabhu M, Department of Biotechnology, SRMIST, Kattankulathur, Chennai, Tamilnadu - 603203, India. Ashish Kapoor, Department of Chemical Engineering,	AIP Conference Proceedings	2023, February 27	Scopus	Yes	https://doi.org/10.1063/5.0100 927

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			Chemical Engineering, SRMIST, Kattankulathur, Chennai, Tamilnadu - 603203, India.					
6.	Modelling and multi-objective optimization of parameters in fabrication and performance analysis of polyvinylidene fluoride spiral wound membrane modules	Venkatesh Prabhu Murugesan, Fermentation Engineering Lab, Department of Biotechnology, School of BioEngineering, SRMIST, Kattankulathur, Chennai, Tamilnadu - 603203, India	Shreyasi Ghosh - Fermentation Engineering Lab, Department of Biotechnology, School of BioEngineering, SRMIST, Kattankulathur, Chennai, Tamilnadu - 603203, India. Aditi Tulshyan - Fermentation Engineering Lab, Department of Biotechnology, School of BioEngineering,	Polymer Bulletin - Springer	289, 22, 4361, Ju ly 2022	SCI	Yes	<u>doi.org/10.1007/s00289-022-</u> 04361-5



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		SRMIST,				
		Kattankulathur,				
		Chennai, Tamilnadu -				
		603203, India.				
		Abbas Ansar Ahamed				
		- Fermentation				
		Engineering Lab,				
		Department of				
		Biotechnology,				
		School of				
		BioEngineering,				
		SRMIST,				
		Kattankulathur,				
		Chennai, Tamilnadu -				
		603203, India.				
		Balasubramanian				
		Sivasamy -				
		Department of				
		Chemical				
		Engineering, KPR				
		Institute of				
		Engineering and				
		Technology,				
		Coimbatore - 641407.				
		Asish Kapoor -				
		Department of				



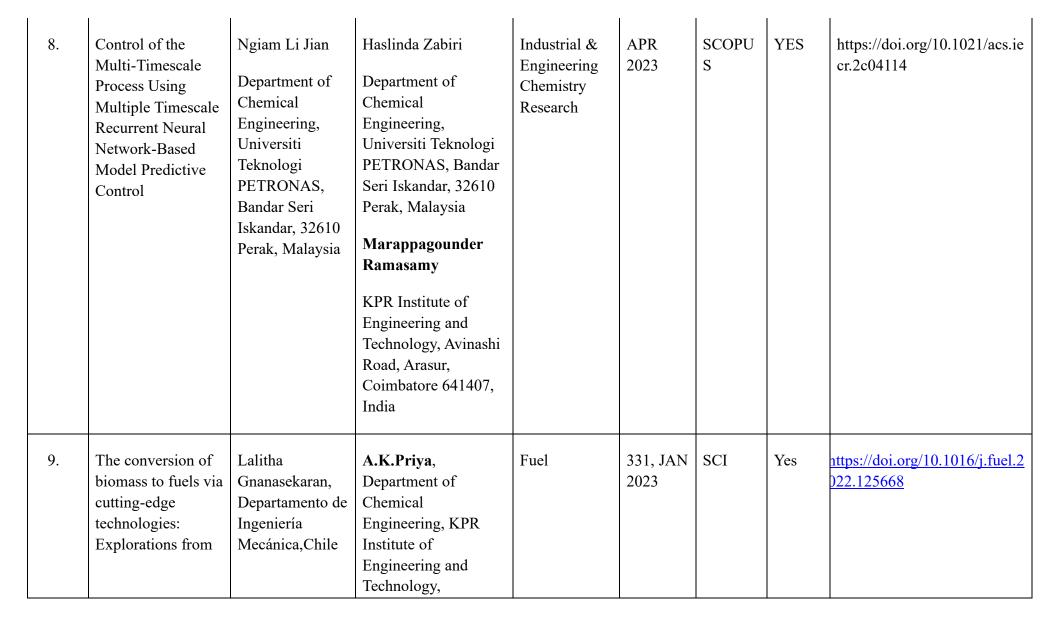
			Chemical Engineering, SRMIST, Kattankulathur, Chennai, Tamilnadu - 603203, India. Selvam Karuppasamy - Department of Chemical Engineering, SRMIST, Kattankulathur, Chennai, Tamilnadu - 603203, India.					
7.	Modeling Strategies for Crude Oil-Induced Fouling in Heat Exchangers: A Review	Obaid ur Rehman, Department of Chemical Engineering, Universiti Teknologi PETRONAS, Seri Iskandar 32610, Perak, Malaysia,	Marappa Gounder Ramasamy, Department of Chemical Engineering, KPR Institute of Engineering and Technology, Arasur, Coimbatore 641407, India	Processes	29 March 2023	WoS	YES	nttps://doi.org/10.3390/pr1104 1036



Department of	Nor Erniza	
Chemical	Mohammad Rozali,	
Engineering,	Department of	
University of	Chemical	
Karachi, Karachi	Engineering,	
75270, Pakistan	Universiti Teknologi	
	PETRONAS, Seri	
	Iskandar 32610,	
	Perak, Malaysia	
	Shuhaimi Mahadzir,	
	Ali Shaan Manzoor	
	Ghumman,	
	Department of	
	Chemical	
	Engineering,	
	Universiti Teknologi	
	PETRONAS, Seri	
	Iskandar 32610,	
	Perak, Malaysia,	
	Abdul Hannan	
	Quresh, Department	
	of Chemical	
	Engineering,	
	Universiti Teknologi	
	PETRONAS, Seri	
	Iskandar 32610,	
	Perak, Malaysia	

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	natural utilization systems		Coimbatore S.Thanigaivel, Department of Biotechnology, Faculty of Science & Humanities, SRM Institute of Science and Technology, Kattankulathur, India, Tuan K.A.Hoang, Centre of Excellence in Transportation Electrification and Energy Storage, Canada, Matias Soto- Moscoso, Universidad Autónoma de Chile, Chile					
10	Biosorption of heavy metals by microorganisms: Evaluation of different underlying mechanisms	Dr.A.K.Priya , Department of Chemical Engineering, KPR Institute of Engineering and	Lalitha Gnanasekaran, Departamento de Ingeniería Mecánica, Chile, KingshukDutta, Central Institute of	Chemosphere	NOV 2022, 307	SCI	Yes	<u>nttps://doi.org/10.1016/j.chem</u> osphere.2022.135957



		Technology, Coimbatore	Petrochemicals Engineering and Technology (CIPET), Bengaluru, Saravanan Rajendran, Departamento de Ingeniería Mecánica, Chile, Deepanraj Balakrishnan, College of Engineering, Saudi Arabia, MatiasSoto-Moscoso, Universidad Autónoma de Chile, Chile					
11	Metal-organic framework-enabled pesticides are an emerging tool for sustainable cleaner production and environmental hazard reduction	YasserVasseghia, Soongsil University, South korea	Priya Arunkumar, KPRIET, Sang- WooJoo, Universidad de Tarapacá, Lalitha Gnanasekaran, Universidad de Tarapacá, HesamKamyab, Saveetha Institute of Medical and	Journal of Cleaner Production	NOV 2022, 373, 133966	SCI	Yes	nttps://www.sciencedirect.com (science/article/pii/S09596526 22035387?dgcid=coauthor



			Technical Science, Chennai, Saravanan Rajendran, Universidad de Tarapacá, Deepanraj Balakrishnan, Prince Mohammad Bin Fahd University, ShreeshivadasanChell iapan, Universiti Teknologi Malaysia, Jiří JaromírKlemeš, NETME Centre					
12	Algal degradation of microplastic from the environment: Mechanism, challenges, and future prospects	A.K.Priya, KPRIET	A.JalilbcKingshukDut tadSaravananRajendr aneYasserVasseghianf gHassanKarimi- MalehhMatiasSoto- Moscosoi	<u>Algal</u> <u>Research</u>	SEP, 2022, 67, 102848	SCI	Yes	nttps://www.sciencedirect.com /science/article/abs/pii/S22119 26422002193
13	Emerging waste-to- wealth applications of fly ash for environmental	Hong-Ha T. Nguyen	Ha Tran Nguyen, Shams Forruque Ahmed, Natarajan Rajamohan,	Environmenta 1 Research	JUNE, 2023	SCI	Yes	nttps://doi.org/10.1016/j.envre s.2023.115800



	remediation: A review		Mohammad Yusuf, Ajit Sharma, Priya Arunkumar, Balakrishnan Deepanraj, Huu-Tuan Tran i, Adel Al- Gheethi k, Dai-Viet N. Vo					
14	Clean-Up of Heavy Metals from Contaminated Soil by Phytoremediation: A Multidisciplinary and Eco-Friendly Approach	Dr.A.K.Priya, Department of Chemical Engineering, KPR Institute of Engineering and Technology, Coimbatore	Muthiah Muruganandam , Project Prioritization, Monitoring & Evaluation and Knowledge Management Unit, ICAR-Indian Institute of Soil & Water Conservation (ICAR- IISWC), Dehradun 248195, IndiaSameh S. Ali, Biofuels Institute, School of the Environment and	Toxics	MAY, 2023	SCI	Yes	<u>https://doi.org/10.3390/toxics1</u> 1050422



			Safety Engineering, Jiangsu University, Zhenjiang 212013, China and Michael Kornaros, Department of Chemical Engineering, University of Patras, 1 Karatheodori Str., University Campus- Rio, 26504 Patras, Greece					
15	Effect of Nitrogen, Salinity, and Light Intensity on the Biomass Composition of Nephroselmis sp.: Optimization of Lipids Accumulation (Including EPA)	Savvas Giannis Mastropetros, Laboratory of Biochemical Engineering & Environmental Technology (LBEET), Department of Chemical Engineering, University of	Konstantina Tsigkou, Laboratory of Biochemical Engineering & Environmental Technology (LBEET), Department of Chemical Engineering, University of Patras, 26504 Patras, Greece	Marine drugs	May 2023	SCI	Yes	https://www.mdpi.com/1660 -3397/21/6/331



Patras, 2650	4 Yannis Cladas,
Patras, Gree	ce Department of
	Animal Production,
	Fisheries &
	Aquaculture,
	University of Patras,
	Mesolonghi, 30200
	Nea Ktiria, Greece
	Arun Kumar Priya
	Department of
	Chemical
	Engineering, KPR
	Institute of
	Engineering and
	Technology,
	Coimbatore 641407,
	India
	Michael Kornaros
	Project Prioritization,
	Monitoring &
	Evaluation and
	Knowledge
	Management Unit,
	ICAR-Indian Institute
	of Soil & Water
	Conservation (ICAR-



			IISWC), Dehradun 248195, India					
16	Removal of Hexavalent Chromium using Emulsion Liquid Membrane with jet mixer-a continuous approach	Dr G Surendran Department of Chemical Engineering, KPR Institute of Engineering and Technology, Coimbatore - 641407.	Dr. S. Kavitha Department of Petrochemical Engineering, JCT College of Engineering and Technology, Coimbatore. Saroj Sundar Baral Department of Chemical Engineering, BITS, Goa	Chemical Engineering & Technology	February, 2023	SCI	Yes	https://onlinelibrary.wiley.co m/doi/abs/10.1002/ceat.2022 00183
17	Synthesizers of Nanocatalyst for the Biodiesel from Tannery sludge; Characterization and Optimization	Karunakaran Saravanan, Department of Chemical Engineering, KPR Institute of Engineering and Technology,	Vijaya Kumar Booramurthy, Department of Petrochemical Engineering, RVS College of Engineering and	Theoretical Foundations of Chemical Engineering	56, 6, (1140- 1146), JAN 2023	SCI	Yes	10.1134/S004057952206024 0



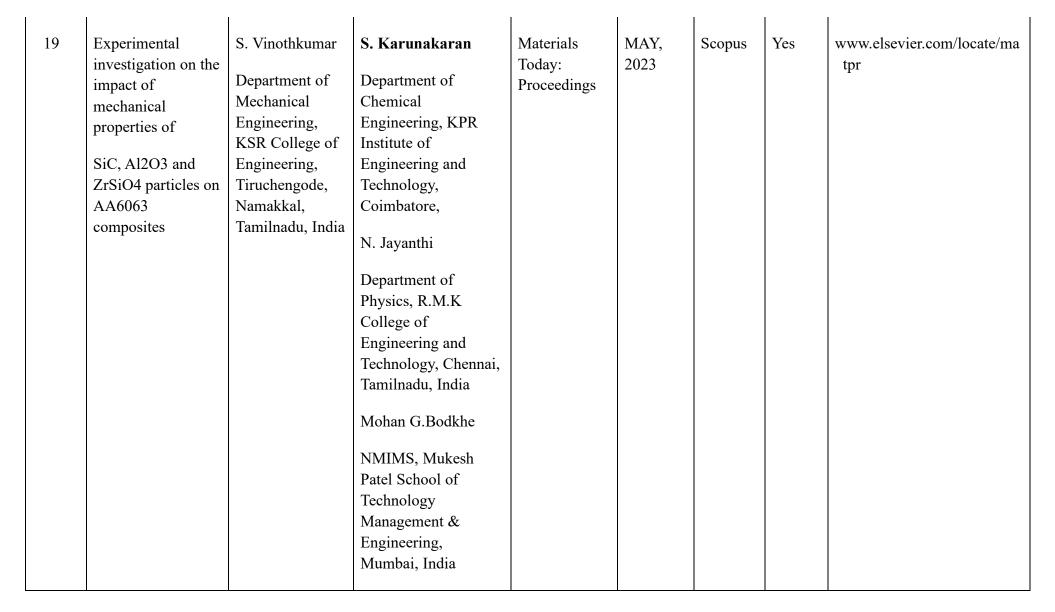
		Coimbatore - 641407.	Technology, Coimbatore – 641402.					
			Sivakumar Pandian, School of Petroleum Technology, Pandit Deenadayal Energy University, Gandhinagar, 382426.					
			Ravishankar Sathyamurthy, Department of Mechanical Engineering, KPR Institute of Engineering and Technology, Coimbatore - 641407.					
18	Investigation on the Mechanical Properties of Powder Metallurgy-	R. Srinivasan Sri Krishna College of Technology,	S. Karunakaran Department of Chemical Engineering, KPR Institute of	Advances in Materials Science and Engineering	MAY, 2023	Scopus	Yes	Article ID 3085478



Ma	anufactured	Coimbatore,	Engineering and			
AA	A7178/ZrSiO4	Tamilnadu, India	Technology,			
Na	nocomposites		Coimbatore,			
			M. Hariprabhu			
			Department of			
			Electrical and			
			Electronics			
			Engineering, M.			
			Kumarasamy College			
			of Engineering,			
			Karur, Tamilnadu,			
			India			
			R. Arunbharathi			
			Department of			
			Mechanical			
			Engineering, Sri			
			Krishna College of			
			Engineering and			
			Technology,			
			Coimbatore,			
			Tamilnadu, India			

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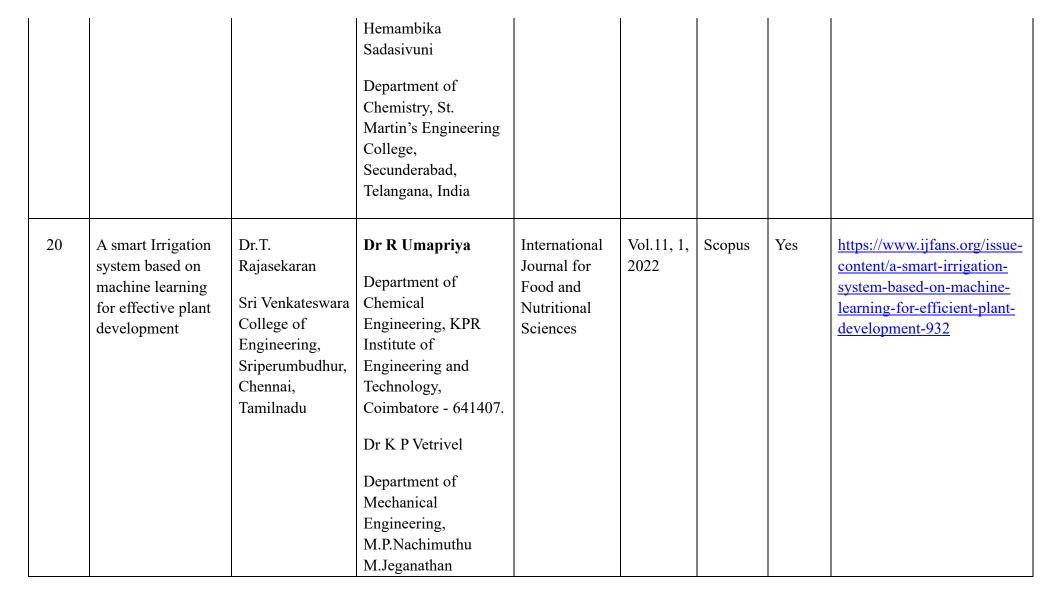
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Learn Beyond

			Engineering College, Erode.					
21	Optimal Feature Selection and Classification Using Convolutional Neural Network- Based Plant Disease Prediction	Prasanna Kumar Lakineni Department of Computer Science and Engineering, Dadi Institute of Engineering & Technology, Visakhapatnam, India	D Jayanarayana Reddy Department of Computer Science and Engineering, G Pullaiah College of Engineering and Technology, Andhra Pradesh, India <u>M. Chitra</u> Department of Electronics and Communication Engineering, Rajalakshmi Institute of Technology, Chennai, India <u>R Umapriya</u> Department of Chemical	IEEE XPLORE	APRIL 2023	SCOPU	YES	https://doi.org/10.1109/ICICA CS57338.2023.10099630



			Engineering, KPR Institute of Engineering and Technology, Coimbatore, India <u>L. Vadivel Kannan</u> Department of Mechanical Engineering, PSNA College of Engineering and Technology, Dindigul, India					
22	Preparation of Breadfruit Leaf Biochar for the Application of Congo Red Dye Removal from Aqueous Solution and Optimization of Factors by RSM- BBD	Dr. M. Laxmi Deepak Bhatlu, Department of Chemical Engineering, KPR Institute of Engineering and Technology, Coimbatore - 641407.	PS Athira-Buckman Laboratories (India) Pvt Ltd, Chennai, Tamil Nadu-600031, India Neethu Jayan- Department of Chemical Engineering, Texas Tech University, Lubbock, TX 79409, United States	Adsorption Science & Technology	FEB, 2023	SCI	Yes	nttps://www.hindawi.com/jour nals/ast/2023/7369027/

Learn Beyond

			Debabrata Barik- Department of Mechanical Engineering, Karpagam Academy of Higher Education, Tamil Nadu-641021, India					
23	Optimization of process parameters by RSM-BBD for the removal of titan yellow dye from aqueous solution by acid-treated Phyllanthus acidus leaves	Chandradhwaj Nayak, Department of Chemical Engineering, Indira Gandhi Institute of Technology, Sarang, Odisha, 759146, India	Babitha Babu & V. Manoj Department of Chemical Engineering, Karpagam Academy of Higher Education, Coimbatore, Tamil Nadu, 641021, India Chelluboyana Vaishnava Raghunath & Poornima Pandey Chemical Engineering Department, BIT Sindri, Dhanbad,	Biomass Conversion and Biorefinery	JUNE, 2023	SCI	YES	nttps://link.springer.com/articl e/10.1007/s13399-023-04474- 5



Jharkhand, 828123, India
M. Laxmi Deepak Bhatlu
Department of
Chemical
Engineering, KPR
Institute of
Engineering and
Technology,
Coimbatore, Tamil
Nadu, 641407, India