

List of Journal Publications (Year-wise)

Year- 2023							
S.No.	Authors	Title of Paper	ISSN no.	Name of Journal	Volume and Page no. from to	Year of publication	DOI
1.	Akash Sood, Avinash Thakur, and Sandeep Mohan Ahuja	Statistical Optimization of Carbon dioxide Capture Performance by Tri-Solvent System of MEA-DEA-PZ from the Stored Gas Reservoir	2405-5204	Recent Innovations in Chemical Engineering	16(1) 26-55	2023	10.2174/2405520416666221226154953
2.	Akash Sood, Avinash Thakur, and Sandeep Mohan Ahuja	Comparative Study for the Absorption of Carbon Dioxide in Aqueous Amine Solvents for Enhanced Loading	2405-5204	Recent Innovations in Chemical Engineering	16(2)-1-16	2023	10.2174/2405520416666230320163220
3.	Avinash Thakur, Parmjit Singh Panesar, Manohar Singh Saini, and Anil Kumar,	Parametric Study of Lactic Acid Extraction using Tri-n-octyl amine and Hexane through Emulsion Liquid Membrane.	10219986	Iranian Journal of Chemistry and Chemical Engineering.	In prss	2023	https://doi.org/10.30492/IJCCE.2023.548925.5186
4.	Anil Kumar, Avinash Thakur, and Parmjit Singh Panesar. 2023.	A review on the industrial wastewater with	03666352	Chemical Papers (springer),	77: 4131-4163,	2023	https://doi.org/10.1007/s11696-023-02779-3.

		the efficient treatment techniques.					
5.	Saini, P., Islam, M., Das, R., Shekhar S., Sinha, A. S.K., Prasad, K.	Wheat Bran as Potential Source of Dietary Fiber: Prospects and Challenges', Journal of Food Composition and Analysis	1096048 1	Journal of Food Composition and Analysis	3:105030	2023	https://doi.org/10.1016/j.jfca.2022.105030
6.	Islam, M., Saini, P., Das, R., Shekhar S., Sinha, A. S.K., Prasad, K.	Rice Straw as a Source of Nanocellulose for Sustainable Food Packaging Materials: A Review	1930-2126	Bio-Resources	18:2351-2385.	2023	10.15376/biores.18.1.Islam
7.	Sinha, A. S. K.	Moringa Oleifera as Fibrous Raw Material for Production of Handmade Paper and Packaging Materials	2582-2160	International Journal for Multidisciplinary Research (IJFMR)	4: 408-416.	2022	Website: www.ijfmr.com
8.	Purtika, Avinash Thakur, and Gulshan Kumar Jawa	Screening of parameters and optimization for green recovery of anionic dye by nanoparticle-ionic liquid-based green emulsion liquid	0255-2701	Chemical Engineering and Processing - Process Intensification	181/109156.	2022	https://doi.org/10.1016/j.ces.2022.109156

		membrane using response surface methodology					
9.	Anamika Sharma, Kirty Pant, Dilpreet Singh Brar AvinashThakurVikas Nanda	A review on Api-products: current scenario of potential contaminants and their food safety concerns.	0956-7135	Food Control	145/ 109499	2022	https://doi.org/10.1016/j.foodcont.2022.109499
10.	Meena, V.K., and Ghatak H.R.,	“Apparent and true mineralization during combined electro-oxidation and electro-coagulation on stainless steel anode	1932213 5	Asia Pacific Journal of Chemical Engineering	In Press.	2023	https://doi.org/10.1002/apj.2940
11.	Amit Rai, Bikash Mohanty, Shradha Agarwal,	Mathematical modelling and simulation of fluidized bed gasifier: Application to Indian coal.	1021998 6	Iranian Journal of Chemistry and Chemical Engineering	42, 269-285	2023	10.30492/IJCCE.2022.545085.5070
12.	Pawan Kumar, Kamlesh Kumari, Harish Chopra, Navneet Kaur	Sonochemical and thermal modification of guar gum: A comparative analysis	2214785 3	Materials Today: Proceedings	68(4), 1093-11	2022	https://doi.org/10.1016/j.matpr.2022.08.345

Year- 2022

S.No.	Authors	Title of Paper	ISSN no.	Name of Journal	Volume and Page no. from to	Year of publication	Link
1.	Ahmad, K., Ghatak H.R., and Ahuja, S.M	Response surface methodology (RSM) and artificial neural network (ANN) approach to optimize the photocatalytic conversion of rice straw hydrolysis residue (RSHR) into vanillin and 4-hydroxybenzaldehyde	19342659	Chemical Product and Process Modelling	--	2022	https://doi.org/10.1515/cppm-2022-0003 .
2.	Ghatak H.R	Evolved gases and unified kinetic model for low-temperature thermal decomposition of rice straw hydrolysis residue for possible value addition.	03245853	Periodica Polytechnica Chemical Engineering	66(3): 494-502	2022	https://doi.org/10.3311/PPch.19673
3.	Bhullar N, Garg M, Kumari K, Sud D	Synthesis of Biopolymer Chitosan-based Hydrogels with and without Crosslinker for Removal of Industrial Dye Procion Blue HERD: A comparative Study.	0975-007X	Indian Chemical Engineer	64:461-478	2022	https://doi.org/10.1080/00194506.2022.2046509
4.	Shreya Rajput, Samandeep Kaur, Parmjit S. Panesar and Avinash Thakur	Supercritical fluid extraction of essential oils from Citrus reticulata peels: Optimization and characterization studies.	2190-6823	Biomass Conversion and Biorefinery	----	2022	https://doi.org/10.1007/s13399-022-02807-4
5.	Brahmeet Kaur, Parmjit Singh Panesar Avinash Thakur	Extraction and evaluation of structural and physicochemical properties of dietary fiber concentrate from mango peels by using green approach.	2190-6823	Biomass Conversion and Biorefinery	1-10	2022	https://doi.org/10.1007/s13399-021-01740-2

6.	Pushpa Jha	Comparison of biomasses and study of acacia nilotica branches as an adsorbent material for phenol removal.	2398-2640	International Journal of environmental impacts	5(2):173-184	2022	10.2495/EI-V5-N2-173-184
7.	Amit Rai, Bikash Mohanty, Shradha Agarwal,	Mathematical modelling and simulation of fluidized bed gasifier: Application to Indian coal.	10219986	Iranian Journal of Chemistry and Chemical Engineering	--	2022 (In Press-online available)	10.30492/IJCCE.2022.545085.5070
8.	Purtika, Avinash Thakur, and Gulshan Kumar Jawa	Study on Effect of Ionic Liquids on Static Stability of Green Emulsion Liquid Membrane.	0927-7757.	Colloids and Surfaces A: Physicochemical and Engineering	644:128776	2022	HTTPS://DOI.ORG/10.1016/J.COLSURFA.2022.128776.
9.	Anuradha Saini, Anil Kumar, Parmjit S. Panesar, and Avinash Thakur.	Potential of deep eutectic solvents in the extraction of value-added compounds from agro-industrial by-products.	2772-5022	Applied Food Research	2(2) 100211.	2022	HTTPS://DOI.ORG/10.1016/J.AFRES.2022.100211.
10.	Ahmad, K., Ghatak H.R., and Ahuja, S.M	Optimal production of vanillin and 4-hydroxybenzaldehyde from rice straw hydrolysis residue (RSHR) over TiO ₂ /UV and ZnO/UV system	0019-4522	Journal of the Indian Chemical Society	99(3): 100382	2022	HTTPS://DOI.ORG/10.1016/J.JICS.2022.100382.
11.	Meena, V.K., and Ghatak H.R.	Electrochemical advanced oxidation of Lamotrigine at Ti/DSA (Ta ₂ O ₅ -Ir ₂ O ₅) and stainless steel anodes	0019-4522	Journal of Electrochemical Science and Technology	13(2), 292-307	2022	https://doi.org/10.33961/jecst.2021.01074.
12.	Meena, V.K., and Ghatak H.R.	Degradation and mineralization of metformin by electro-oxidation on Ti/DSA (Ta ₂ O ₅ -Ir ₂ O ₅) anode and combined electro-oxidation and electro-coagulation on stainless steel (SS) anode	10219986	Iranian journal of chemistry and chemical engineering	--	2022	10.30492/IJCCE.2022.539148.4937.

13.	Akash Sood, Avinash Thakur and Sandeep Mohan Ahuja	Review on Recent Technological Advances in Carbon Dioxide Capture Sequestration/Storage.	0493-2137	Journal of Tianjin University Science and Technology	55 (4)	2022	10.17605/OSF.IO/QA9H7
14.	Akash Sood, Avinash Thakur and Sandeep Mohan Ahuja	Recent Ameliorations in Membrane Based Carbon Capture Technologies	2214-7853	Materials Today: Proceedings	---	2022	https://doi.org/10.1016/j.matpr.2022.04.334 .
15.	Subita Bhagat and Nikhil Prakash	Effect of Temperature and Pressure on Stability of Metallocene catalyst with Methyl Aluminoxane	440477	YMER	21(2), 128-133	2022	https://ymerdigital.com/uploads/YMER201339.pdf
16.	Meena, V.K., and Ghatak H.R	Electrochemical Mineralization Kinetics of Metformin	1861-4728	Asian Journal of Chemistry	34(3): 727-732.	2022	10.14233/ajchem.2022.23618

Year- 2021

S.No.	Authors	Title of Paper	ISSN no.	Name of Journal	Volume and Page no. from to	Year of publication	DOI
1.	Subita Bhagat and Nikhil Prakash	Comparative study of Metallocene catalyst propylene polymerization with different iteration rates	440477	YMER	20(12), 562–568,	2021	10.37896/ymer.20.12/53
2.	Akash Sood, Avinash Thakur and Sandeep Mohan Ahuja	A Novel Patent Assessment Criterion for Carbon Dioxide Capture Technologies	0974-6455	Bioscience Biotechnology Research Communications	Vol 14 No (3)	2021	http://dx.doi.org/10.21786/bbr/14.3.31
3.	Navneet Bhullar, Kamlesh Kumari, Dhiraj Sud	Amphiphilic chitosan/acrylic acid/thiourea based semi-interpenetrating hydrogel: Solvothermal synthesis and evaluation for controlled release of organophosphate pesticide, Triazophos.	0021-8995	Journal of Applied Polymer Science	138 (25), -50595.	2021	https://doi.org/10.1002/app.50595
4.	Singh, S., and Ghatak. H.R.,	Optimal synthesis of aromatic carbonyl compounds by electrooxidation of soda lignins on stainless steel and TiMMO anodes.	10219986	Iranian Journal of Chemistry and Chemical Engineering	40(6): 1814-1839	2021	10.30492/IJCCE.2020.43449
5.	A Kumar, A Thakur, PS Panesar.	Role of operating process parameters on stability performance of green emulsion liquid membrane based on rice bran oil.	00405795	Theoretical Foundations of Chemical Engineering	55 (3), 534-544.	2021	https://doi.org/10.1134/S0040579521030118
6.	Akhouri Sanjay Kumar Sinha.	Formic Acid Pulping Process of Rice Straw for Manufacturing of Cellulosic Fibers with Silica	7341415	TAPPI	vol. 20, no. 8, pp. 489-496.	2021	https://imisrise.tappi.org/TAPPI/Products/21/AUG/21AUG489.aspx

7.	Sinha, A. S. K.	A novel manufacturing process of paper composite using recycled old newspaper sheets and phenol formaldehyde resin.	3795462	IPPTA	vol. 33, no. 2, PP. 11-16.	2021	https://ippta.co/wp-content/uploads/2022/01/2021_Issue_2_IPPTA_Article_01-P-13-17.pdf
8.	Akash Sood, Avinash Thakur and Sandeep Mohan Ahuja	Recent advancements in ionic liquid-based carbon capture technologies.	1563-5201	Chemical Engineering Communications	https://doi.org/10.1080/00986445.2021.1990886	2021	https://doi.org/10.1080/00986445.2021.1990886

Year- 2020

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1.	Ghatak H.R,	Simulated process integration of wastewater electrooxidation with recuperated micro gas turbine for energy recovery.	0360-3199	International Journal of Hydrogen Energy	45(56): 31466-31480.	2020	https://doi.org/10.1016/j.ijhydene.2020.08.161
2.	Ahmad, K., Ghatak H.R., and Ahuja, S.M	Kinetics of producing vanillin and 4-hydroxy benzaldehyde from hydrolysis residue of rice straw by photocatalysis.	1878-5190	Reaction Kinetics, Mechanisms and Catalysis	131(1): 383-395.	2020	https://doi.org/10.1007/s1144-020-01840-6
3.	Ahmad, K., Ghatak H.R., and Ahuja, S.M	A review on photocatalytic remediation of environmental pollutants and H2 production through water splitting: A sustainable approach.	23521864	Environmental Technology & Innovation	19: 100893	2020	https://doi.org/10.1016/j.eti.2020.100893
4.	Tripathi, S.K., Bhardwaj, N.K., and Ghatak H.R.,	Effect of introducing ozone in elemental chlorine free bleaching of pulp on generation of chlorophenolic compounds.	20000669	Nordic Pulp and Paper Research Journal	35(4): 559-568.	2020	https://doi.org/10.1515/nppri-2020-0062
5.	Tripathi, S.K., Bhardwaj, N.K., and Ghatak H.R.,	Effect of different elemental chlorine free bleaching sequences on pulp and effluent properties and their impact on index of global pollution.	09441344	Environmental Science and Pollution Research	27: 4917-4926	2020	https://doi.org/10.1007/s11356-019-07281-6
6.	Tripathi, S.K., Bhardwaj, N.K., and Ghatak H.R.,	Developments in ozone-based bleaching of pulps.	1547-6545	Ozone: Science and Engineering,	42(2): 194-210.	2020	https://doi.org/10.1080/01919512.2019.1647407

7.	Amandeep Singh, Sanjay Kumar Bhadada, Kamlesh Kumari, Patit Paban Kundu	Fabrication of calcium hydroxyapatite incorporated polyurethane-graphene oxide nanocomposite porous scaffolds from poly (ethylene terephthalate) waste: A green route toward bone tissue engineering,	2073-4360	Polymer,	195: 122436.	2020	https://doi.org/10.1016/j.polymer.2020.122436.
8.	Sinha, A. S. K.	Study of Characteristics of Coal Ground Fly ash for Potential Use as Filler in High Opacity Specialty Paper.	3795462	IPPTA	vol. 32, no. 2, pp. 156-160.	2020	https://ippta.co/wp-content/uploads/2021/03/E2-2020-Paper18.pdf
9.	Jha, P., Dass, B.	Analysis of biomasses for their thermochemical transformations to biofuels.	20563280	International Journal of Energy Production and Management	5(2), pp. 115–124	2020	10.2495/EQ-V5-N2-115-124

Year- 2019

S.No.	Authors	Title of Paper		Name of Journal	Volume and Page no. from to	Year of publication	DOI
1.	Tripathi, S.K., Bhardwaj, N.K., and Ghatak H.R.,	Improvement in selectivity of ozone bleaching using DTPA as carbohydrate protector for wheat straw pulp.	20000669	Nordic Pulp and Paper Research Journal	34(3): 271-279	2019.	https://doi.org/10.1515/nppri-2018-0035
2.	Tripathi, S.K., Bhardwaj, N.K., and Ghatak H.R.,	Effect of introducing ozone prior to elemental chlorine free bleaching of wheat straw pulp on pulp, paper and effluent properties	0576-9787	Cellulose Chemistry and Technology,	53(1-2): 105-112	2019	10.35812/CelluloseChemTech.no1.2019.53.12
3.	Tripathi, S.K., Bhardwaj, N.K., and Ghatak H.R.	Optimization of ozone bleaching conditions for improving wheat straw pulp quality using response surface methodology.	1547-6545	Ozone: Science and Engineering	41(2): 137-145	2019	https://doi.org/10.1080/01919512.2018.1508331
4.	Navneet Bhullar, Kamlesh Kumari, Dhiraj Sud	Semi-interpenetrating networks of biopolymer chitosan/acrylic acid and thiourea hydrogels: synthesis, characterization and their potential for removal of cadmium.	1026-1265	Iranian Polymer Journal	28(3), 225–236	2019	https://doi.org/10.1007/s13726-019-00693-8
5.	A Kumar, A Thakur, PS Panesar	A review on emulsion liquid membrane (ELM) for the treatment of various industrial effluent streams.	15691705	Reviews in Environmental Science and Bio/Technology	18 (1), 153-182.	2019	https://doi.org/10.1007/s11157-019-09492-2
6.	A Kumar, A Thakur	Statistical Optimization of Lactic Acid Extraction Using Green Solvent and Mixed Extractants (TOA and TOMAC)	2072-9510	Chemical Engineering Research Bulletin	21 (1), 20-35.	2019	https://doi.org/10.3329/cerb.v21i1.47369

7.	A Thakur	Lactic Acid Extraction from Aqueous Systems by Emulsion Liquid Membrane Separation Process Using Statistical Experimental Design.	1671024X	Polytechnica.	2 (1), 62-76	2019	https://doi.org/10.1007/s41050-019-00015-0
8.	A Kumar, A Thakur.	Reactive extraction of lactic acid using environmentally benign green solvents and a synergistic mixture of extractants.	2345-3605	Scientia Iranica.	26 (6), 3456-3467	2019	10.24200/SCI.2019.52233.2610
9.	A Kumar, A Thakur, PS Panesar	Recent developments on sustainable solvents for emulsion liquid membrane processes	2666-7916	Journal of Cleaner Production	240: 118250	2019	https://doi.org/10.1016/j.jclepro.2019.118250
10.	A Kumar, A Thakur.	Parametric optimization of green synergistic reactive extraction of lactic acid using trioctylamine, Aliquat336, and butan-2-ol in sunflower oil by response surface methodology	1563-5201	Chemical Engineering Communications	206:1072-1086	2019	https://doi.org/10.1080/00986445.2018.1544898
11.	A Thakur, PS Panesar, MS Saini	L (+)-Lactic acid production by immobilized Lactobacillus casei using low cost agro-industrial waste as carbon and nitrogen sources	1877265X	Waste and Biomass Valorization	10 (5), 1119-1129.	2019	https://doi.org/10.1007/s12649-017-0129-1
12.	A Kumar, A Thakur, PS Panesar.	Lactic acid and its separation and purification techniques: A review.	15691705	Reviews in Environmental Science and Bio/Technology	18 (4), 823-853	2019	Lactic acid and its separation and purification techniques: A review SpringerLink
13.	A Kumar, A Thakur, PS Panesar.	Extraction of hexavalent chromium by environmentally benign green emulsion liquid membrane using tridodecylamine as an extractant	1226086X	Journal of Industrial and Engineering Chemistry	70, 394-401	2019	https://doi.org/10.1016/j.jiec.2018.11.002
14.	A Kumar, A Thakur, PS Panesar.	A comparative study on experimental and response surface optimization of lactic	1383-5866	Separation and Purification Technology	211, 54-62	2019	https://doi.org/10.1016/j.seppur.2018.09.048

		acid synergistic extraction using green emulsion liquid membrane.					
15.	Sinha, A. S. K., Kamboj R.	Lignin Separation From Black Liquor of agro-based Medium and Small Scale Paper Industry for Sustainable Development.	3795462	IPPTA	vol. 31, no. 2, pp. 79-82	2019	E2-2019-Paper5.pdf (ippta.co)
16.	Sinha, A. S. K., Dhanraj, R. R.	Furfural Production from rice straw using oxalic acid hydrolysis and sulphuric acid dehydration pretreatment	2249-2976	PRAMANA RESEARCH JOURNAL	vol. 9, no. 4, pp. 467-477.	2019	pri-p706.pdf (pramanaresearch.org)
17	Jha, P.	Adsorptive findings on selected biomasses for removal of phenol from aqueous solutions	2079-9276	Resources	8(4), 180	2019	https://doi.org/10.3390/resources8040180

Year- 2018

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1.	Tripathi, S.K., Bhardwaj, N.K., and Ghatak H.R.,	Improvement in pulp quality and effluent properties using methanol as carbohydrate protector during ozone bleaching of wheat straw pulp	10386807	APPITA Journal,	71(4): 338-348	2018	Improvement in pulp quality and effluent properties using methanol as carbohydrate protector during ozone bleaching of wheat straw pulp Appita : Technology, Innovation, Manufacturing, Environment (informit.org)
2.	Tripathi, S.K., Bhardwaj, N.K., and Ghatak H.R.,	Additives to decrease cellulose chain scission during ozone bleaching of wheat straw pulp.	20000669	Nordic Pulp and Paper Research Journal	33(3): 430-438	2018	https://doi.org/10.1515/nppri-2018-3048
3.	Reddy, I.A.K., and Ghatak H.R.,	Low-temperature thermal degradation behaviour of non-wood soda lignins and spectroscopic analysis of residues	1388-6150	Journal of Thermal Analysis and Calorimetry	132(1): 407-423	2018	https://doi.org/10.1007/s10973-017-6912-1
4.	Singh, S., and Ghatak H.R.,	Process optimization of lignin conversion into value added chemicals by thermochemical pretreatment and electrooxidation on a stainless steel anode	00183830	Holzforschung	72(3): 187-199	2018	https://doi.org/10.1515/hf-2017-0108
5.	Tripathi, S.K., Bhardwaj, N.K., and Ghatak H.R.,	Determination of main parameters affecting ozone bleaching of wheat straw pulp using Plackett–Burman design.	1547-6545	Ozone: Science and Engineering	40(2): 148-156.	2018	https://doi.org/10.1080/01919512.2017.1352483
6.	Amandeep Singh, Moumita Khamrai, Sarthik Samanta, Kamlesh Kumari, Patit Paban Kundu	Microbial, Physicochemical, and Sensory Analyses-Based Shelf Life Appraisal of White Fresh Cheese Packaged	08943214	Journal of Packaging Technology and Research,	2:125–147.	2018	https://doi.org/10.1007/s41783-018-0034-5

		into PET Waste-Based Active Packaging Film.					
7.	Navneet Bhullar, K. Kumari and Dhiraj Sud	Synthesis of biopolymer based composite hydrogels for Rhodamine 6G dye removal: Adsorption isotherms and kinetics	1026-1265	Iranian Polymer Journal	27(7), 527-535	2018	https://doi.org/10.1007/s13726-018-0630-9
8.	Pawan Kumar, Kamlesh Kumari, Harish Chopra	Ultrasound Mediated Modification and Characterization of Chitosan.	9707077	Asian Journal of Chemistry	30(4), 837-840	2018	10.14233/ajchem.2018.21078
9.	G.K.Jawa, S.M.Ahuja	Removal of Cd(II) from Aqueous Solution by Using Arachis hypogea as Low Cost Biosorbent.	1861-4728	Asian Journal of Chemistry	--	2018	Format (asianjournalofchemistry.co.in)
10.	A Kumar, A Thakur, PS Panesar	Lactic acid extraction using environmentally benign green emulsion ionic liquid membrane..	2666-7916	Journal of cleaner production	181, 574-583.	2018	https://doi.org/10.1016/j.jclepro.2018.01.263
11.	A Kumar, A Thakur, PS Panesar.	Statistical optimization of lactic acid extraction using green emulsion ionic liquid membrane (GEILM).	2213-3437	Journal of Environmental Chemical Engineering	6 (2), 1855-1864	2018	https://doi.org/10.1016/j.jece.2018.01.037
12.	A Kumar, A Thakur, PS Panesar	Stability analysis of environmentally benign green emulsion liquid membrane	1532-2351	Journal of Dispersion Science and Technology	39 (10), 1510-1517	2018	https://doi.org/10.1080/01932691.2017.1421079
13.	A Thakur, PS Panesar, MS Saini.	Parametric optimization of lactic acid production by immobilized Lactobacillus casei using Box-Behnken Design	03245853	Periodica polytechnica chemical engineering	62 (3), 274-285	2018.	https://doi.org/10.3311/Pch.11403
14.	A Thakur, PS Panesar, MS Saini	Optimization of process parameters and estimation of kinetic parameters for lactic acid production by	2190-6823	Biomass Conversion and Biorefinery	9 (2), 253-266	2018	https://doi.org/10.1007/s13399-018-0347-1

		Lactobacillus casei MTCC 1423.					
15.	A Thakur, PS Panesar, MS Saini.	Continuous Production of Lactic Acid in a Two Stage Process Using Immobilized Lactobacillus casei MTCC 1423 Cells	0260-8774	Journal of Food Engineering International	4 (3), 216-222.	2018	Continuous Production of Lactic Acid in a Two Stage Process Using Immobilized Lactobacillus casei MTCC 1423 Cells - Volume 4, No. 3, September 2018 - IJFE (International Journal of Food Engineering)
16.	Amit Rai, Bikash Mohanty, Ravindra Bhargava	Optimization of parameters for supercritical extraction of watermelon seed oil.	1520-5754	Separation Science and Technology	53 (2018) 671-682.	2018	https://doi.org/10.1080/01496395.2017.1397020
17.	Jha, P., Sontakke, A.	Biodiesel production from waste cooking oil selecting a solid catalyst derived from activated coconut coir.	20563280	International Journal of Energy Production and Management	3(2), pp. 122–131	2018	Biodiesel Production From Waste Cooking Oil Selecting A Solid Catalyst Derived From Activated Coconut Coir (witpress.com)

Year- 2017

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1.	Singh, S., and Ghatak H.R.,	“Vanillin formation by electrooxidation of lignin on stainless steel anode: kinetics and byproducts”; , .	1532-2319	Journal of Wood Chemistry and Technology	37(6): 407-422.	2017	https://doi.org/10.1080/02773813.2017.1310899
2.	Pawan Kumar, Harish Chopra, Kamlesh Kumari	Ultrasound assisted Modification of the Polysaccharides	2456-1908	International Journal of Advanced Research in Science and Engineering	6 (01), 435-443	2017	1510996790_198_IJARSE.pdf
3.	Amandeep Singh, Kamlesh Kumari, P P Kundu	Extrusion and evaluation of chitosan assisted AgNPs immobilized film derived from waste Polyethylene terephthalate for food packaging applications	08943214	Journal of Packaging Technology and Research	1 (3), 165-180	2017	https://doi.org/10.1007/s41783-017-0017-y
4.	Navneet Bhullar, K. Kumari and Dhiraj Sud	Studies on chitosan based super hydrophilic adsorbent for phasing out Rhodamine 6G dye and Cd ²⁺ ions from aqueous solutions	1944-3994	Desalination and Water Treatment	95, ,355-64.	2017	95_2017_355.pdf (deswater.com)
5.	Navneet Bhullar, K. Kumari and Dhiraj Sud	Synthesis of chitosan based gel and study of swelling characteristics	0975-0991	Indian Journal of Chemical Technology	24 (5), 560-562	2017	10.56042/ijct.v24i5.13795
6.	Singh V, Kumari K	Optimization of the Formulation of Chitosan–Starch Crosslinked Films Loaded With Drug as CPM	2454-1788	J. Technological Advances and Scientific Res	3 (01), 1-4.	2017	10.14260/jtasr/2017/01

		(Chlorpheniramine Maleate) for Controlled Release Using Response Surface Methodology					
7.	Sinha, A. S. K., Dhanraj, R. R.	Response Surface Optimization of Rice Straw Treatment with Oxalic Acid For Production of Xylose, Cellulose and Lignin.	16878078	International Journal of chemical Engineering Research	vol. 9, no. 2, pp. 163-174. 13.	2017	ijcherv9n2_04.pdf(ripublication.com)
8.	Amit Rai, Bikash Mohanty, Ravindra Bhargava	Experimental modeling and simulation of supercritical fluid extraction of moringa oleifera seed oil by carbon dioxide”,	1563-5201	Chemical Engineering Communications	204: 957-964.	2017	https://doi.org/10.1080/00986445.2017.1328415
9.	Amit Rai, Ravindra Bhargava, Bikash Mohanty	Simulation of Supercritical Fluid Extraction of Essential Oil from Natural Products	2214-7861	Journal of Applied Research on Medicinal and Aromatic Plants	5:1-9	2017	https://doi.org/10.1016/j.jar-map.2016.09.005
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