

Vaibhav V Goud

List of Publications by Year in descending order

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122
papers

7,378
citations

81839

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123
all docs

123
docs citations

123
times ranked

8223
citing authors

#	ARTICLE	IF	CITATIONS
1	Production of first and second generation biofuels: A comprehensive review. <i>Renewable and Sustainable Energy Reviews</i> , 2010, 14, 578-597.	8.2	2,435
2	Characterization of Canadian biomass for alternative renewable biofuel. <i>Renewable Energy</i> , 2010, 35, 1624-1631.	4.3	357
3	Epoxidation of cottonseed oil by aqueous hydrogen peroxide catalysed by liquid inorganic acids. <i>Bioresource Technology</i> , 2008, 99, 3737-3744.	4.8	266
4	Biodiesel production from renewable feedstocks: Status and opportunities. <i>Renewable and Sustainable Energy Reviews</i> , 2012, 16, 4763-4784.	8.2	262
5	Studies on the epoxidation of mahua oil (<i>Madhumica indica</i>) by hydrogen peroxide. <i>Bioresource Technology</i> , 2006, 97, 1365-1371.	4.8	179
6	Kinetics of epoxidation of jatropha oil with peroxyacetic and peroxyformic acid catalysed by acidic ion exchange resin. <i>Chemical Engineering Science</i> , 2007, 62, 4065-4076.	1.9	150
7	Epoxidation of Canola Oil with Hydrogen Peroxide Catalyzed by Acidic Ion Exchange Resin. <i>JAOCS, Journal of the American Oil Chemists' Society</i> , 2008, 85, 887-896.	0.8	146
8	Epoxidation of karanja (<i>Pongamia glabra</i>) oil by H ₂ O ₂ . <i>JAOCS, Journal of the American Oil Chemists' Society</i> , 2006, 83, 635-640.	0.8	119
9	Epoxidation of Castor Oil Fatty Acid Methyl Esters (COFAME) as a Lubricant base Stock Using Heterogeneous Ion-exchange Resin (IR-120) as a Catalyst. <i>Energy Procedia</i> , 2014, 54, 75-84.	1.8	98
10	Optimization of methane production during anaerobic co-digestion of rice straw and hydrilla verticillata using response surface methodology. <i>Fuel</i> , 2019, 235, 92-99.	3.4	96
11	Extraction of phenolic compounds and anthocyanin from black and purple rice bran (<i>Oryza sativa</i> L.) using ultrasound: A comparative analysis and phytochemical profiling. <i>Industrial Crops and Products</i> , 2017, 95, 332-341.	2.5	95
12	Pitfalls in the 3, 5-dinitrosalicylic acid (DNS) assay for the reducing sugars: Interference of furfural and 5-hydroxymethylfurfural. <i>International Journal of Biological Macromolecules</i> , 2020, 156, 180-185.	3.6	94
13	Extraction of oil from rubber seeds for biodiesel application: Optimization of parameters. <i>Fuel</i> , 2015, 150, 636-644.	3.4	93
14	Operational Strategies and Comprehensive Evaluation of Menthol Based Deep Eutectic Solvent for the Extraction of Lower Alcohols from Aqueous Media. <i>ACS Sustainable Chemistry and Engineering</i> , 2018, 6, 16920-16932.	3.2	91
15	Characterization of biomasses available in the region of North-East India for production of biofuels. <i>Biomass and Bioenergy</i> , 2012, 45, 212-220.	2.9	90
16	Optimization of dilute acid and hot water pretreatment of different lignocellulosic biomass: A comparative study. <i>Biomass and Bioenergy</i> , 2015, 81, 9-18.	2.9	89
17	Fungal pretreatment and associated kinetics of rice straw hydrolysis to accelerate methane yield from anaerobic digestion. <i>Bioresource Technology</i> , 2019, 286, 121368.	4.8	89
18	Hydrolysis of bamboo biomass by subcritical water treatment. <i>Bioresource Technology</i> , 2015, 191, 244-252.	4.8	87

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19	Improved thermo-oxidative stability of structurally modified waste cooking oil methyl esters for bio-lubricant application. <i>Journal of Cleaner Production</i> , 2016, 112, 4515-4524.	4.6	85
20	Ultrasound Assisted Lime Pretreatment of Lignocellulosic Biomass toward Bioethanol Production. <i>Energy & Fuels</i> , 2012, 26, 3777-3784.	2.5	79
21	Epoxidation of karanja (<i>Pongamia glabra</i>) oil catalysed by acidic ion exchange resin. <i>European Journal of Lipid Science and Technology</i> , 2007, 109, 575-584.	1.0	78
22	Salinity induced lipid production in microalgae and cluster analysis (ICCB 16-BR_047). <i>Bioresource Technology</i> , 2017, 242, 244-252.	4.8	75
23	Optimization of non-catalytic transesterification of microalgae oil to biodiesel under supercritical methanol condition. <i>Energy Conversion and Management</i> , 2018, 156, 269-278.	4.4	70
24	Optimization of process parameters for accelerated methane yield from anaerobic co-digestion of rice straw and food waste. <i>Renewable Energy</i> , 2020, 149, 1352-1359.	4.3	66
25	Effect of light intensity and pH condition on the growth, biomass and lipid content of microalgae <i>Scenedesmus</i> species. <i>Biofuels</i> , 2015, 6, 37-44.	1.4	65
26	Thermal, oxidative and low temperature properties of methyl esters prepared from oils of different fatty acids composition: A comparative study. <i>Thermochimica Acta</i> , 2014, 577, 33-40.	1.2	64
27	Solubility of glucose in tetrabutylammonium bromide based deep eutectic solvents: Experimental and molecular dynamic simulations. <i>Fluid Phase Equilibria</i> , 2017, 448, 168-177.	1.4	62
28	Enhanced methane potential of rice straw with microwave assisted pretreatment and its kinetic analysis. <i>Journal of Environmental Management</i> , 2019, 232, 188-196.	3.8	62
29	Supercritical CO ₂ fractionation of bio-oil produced from wheat-hemlock biomass. <i>Bioresource Technology</i> , 2010, 101, 7605-7613.	4.8	61
30	Supercritical CO ₂ Fractionation of Bio-oil Produced from Mixed Biomass of Wheat and Wood Sawdust. <i>Energy & Fuels</i> , 2009, 23, 6181-6188.	2.5	60
31	Solubility of glucose, xylose, fructose and galactose in ionic liquids: Experimental and theoretical studies using a continuum solvation model. <i>Fluid Phase Equilibria</i> , 2015, 395, 33-43.	1.4	54
32	Molecular Dynamic Simulations for the Extraction of Quinoline from Heptane in the Presence of a Low-Cost Phosphonium-Based Deep Eutectic Solvent. <i>Journal of Physical Chemistry B</i> , 2018, 122, 4006-4015.	1.2	53
33	Dilute acid pretreatment of sorghum biomass to maximize the hemicellulose hydrolysis with minimized levels of fermentative inhibitors for bioethanol production. <i>3 Biotech</i> , 2017, 7, 139.	1.1	52
34	Catalytic cracking of waste cooking oil for biofuel production using zirconium oxide catalyst. <i>Industrial Crops and Products</i> , 2018, 118, 282-289.	2.5	50
35	Supercritical CO ₂ extraction and online fractionation of dry ginger for production of high-quality volatile oil and gingerols enriched oleoresin. <i>Industrial Crops and Products</i> , 2019, 130, 352-362.	2.5	49
36	Epoxidation of <i>Jatropha</i> (<i>Jatropha curcas</i>) oil by peroxyacids. <i>Asia-Pacific Journal of Chemical Engineering</i> , 2010, 5, 346-354.	0.8	48

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37	Composition and anti-bacterial activity analysis of citronella oil obtained by hydrodistillation: Process optimization study. <i>Industrial Crops and Products</i> , 2016, 94, 178-188.	2.5	47
38	Physico-chemical characteristics of <i>Jatropha curcas</i> L. of North East India for exploration of biodiesel. <i>Biomass and Bioenergy</i> , 2012, 46, 546-554.	2.9	45
39	Ionic Liquid and Sulfuric Acid-Based Pretreatment of Bamboo: Biomass Delignification and Enzymatic Hydrolysis for the Production of Reducing Sugars. <i>Industrial & Engineering Chemistry Research</i> , 2018, 57, 10105-10117.	1.8	45
40	RSM-optimised slow pyrolysis of rice husk for bio-oil production and its upgradation. <i>Energy</i> , 2021, 225, 120161.	4.5	40
41	Effect of Subsequent Dilute Acid and Enzymatic Hydrolysis on Reducing Sugar Production from Sugarcane Bagasse and Spent Citronella Biomass. <i>Journal of Energy</i> , 2016, 2016, 1-12.	1.4	38
42	Kinetics of in situ Epoxidation of Natural Unsaturated Triglycerides Catalyzed by Acidic Ion Exchange Resin. <i>Industrial & Engineering Chemistry Research</i> , 2007, 46, 3078-3085.	1.8	36
43	Optimization and hydrolysis of cellulose under subcritical water treatment for the production of total reducing sugars. <i>RSC Advances</i> , 2015, 5, 103265-103275.	1.7	36
44	Solid Liquid Equilibrium of Cellobiose, Sucrose, and Maltose Monohydrate in Ionic Liquids: Experimental and Quantum Chemical Insights. <i>Journal of Chemical & Engineering Data</i> , 2016, 61, 2923-2932.	1.0	33
45	Thermal and co-pyrolysis of rubber seed cake with waste polystyrene for bio-oil production. <i>Journal of Analytical and Applied Pyrolysis</i> , 2019, 139, 333-343.	2.6	33
46	COSMO-RS Based Predictions for the Extraction of Lignin from Lignocellulosic Biomass Using Ionic Liquids: Effect of Cation and Anion Combination. <i>Journal of Solution Chemistry</i> , 2012, 41, 1610-1630.	0.6	31
47	Effect of cellulose nanocrystals derived from <i>Dunaliella tertiolecta</i> marine green algae residue on crystallization behaviour of poly(lactic acid). <i>Carbohydrate Polymers</i> , 2021, 261, 117881.	5.1	31
48	Thermodynamic Insights in the Separation of Cellulose/Hemicellulose Components from Lignocellulosic Biomass Using Ionic Liquids. <i>Journal of Solution Chemistry</i> , 2015, 44, 538-557.	0.6	30
49	Ectopic expression of AtDGAT1, encoding diacylglycerol O-acyltransferase exclusively committed to TAG biosynthesis, enhances oil accumulation in seeds and leaves of <i>Jatropha</i> . <i>Biotechnology for Biofuels</i> , 2016, 9, 226.	6.2	30
50	Ultrasound assisted transesterification of high free fatty acids karanja oil using heterogeneous base catalysts. <i>Biomass Conversion and Biorefinery</i> , 2015, 5, 195-207.	2.9	29
51	Two-step process for production of methyl ester from rubber seed oil using barium hydroxide octahydrate catalyst: Process optimization. <i>Journal of Cleaner Production</i> , 2017, 142, 3490-3499.	4.6	29
52	Multiscale modelling strategies and experimental insights for the solvation of cellulose and hemicellulose in ionic liquids. <i>Molecular Physics</i> , 2018, 116, 2108-2128.	0.8	28
53	Optimisation of the acid catalysed pretreatment of areca nut husk fibre using the Taguchi design method. <i>Biosystems Engineering</i> , 2011, 110, 465-472.	1.9	26
54	Modification of epoxidised canola oil. <i>Asia-Pacific Journal of Chemical Engineering</i> , 2011, 6, 14-22.	0.8	26

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55	Reactive extraction of castor seeds and storage stability characteristics of produced biodiesel. <i>Chemical Engineering Research and Design</i> , 2016, 100, 252-263.	2.7	25
56	In-situ alkaline transesterification of castor seeds: Optimization and engine performance, combustion and emission characteristics of blends. <i>Energy Conversion and Management</i> , 2017, 142, 200-214.	4.4	25
57	In situ epoxidation of waste soybean cooking oil for synthesis of biolubricant basestock: A process parameter optimization and comparison with RSM, ANN, and GA. <i>Canadian Journal of Chemical Engineering</i> , 2018, 96, 1451-1461.	0.9	24
58	In-Situ Epoxidation of Waste Cooking Oil and Its Methyl Esters for Lubricant Applications: Characterization and Rheology. <i>Lubricants</i> , 2021, 9, 27.	1.2	24
59	Effect of Protic and Aprotic Solvents on the Mechanism of Cellulose Dissolution in Ionic Liquids: A Combined Molecular Dynamics and Experimental Insight. <i>ChemistrySelect</i> , 2016, 1, 4823-4832.	0.7	23
60	Chemical composition analysis of various genetically modified sorghum traits: Pretreatment process optimization and bioethanol production from hemicellulosic hydrolyzates without detoxification. <i>Journal of Environmental Chemical Engineering</i> , 2018, 6, 5625-5634.	3.3	22
61	Synthesis of Waste Cooking Oil Epoxide as a Bio-Lubricant Base Stock: Characterization and Optimization Study. <i>Journal of Bioprocess Engineering and Biorefinery</i> , 2014, 3, 57-72.	0.2	22
62	Thermo-chemical conversion of waste rubber seed shell to produce fuel and value-added chemicals. <i>Journal of the Energy Institute</i> , 2018, 91, 940-950.	2.7	21
63	Hydroxylation and hexanoylation of epoxidized waste cooking oil and epoxidized waste cooking oil methyl esters: Process optimization and physico-chemical characterization. <i>Industrial Crops and Products</i> , 2019, 133, 151-159.	2.5	21
64	Development of antioxidant-rich edible active films and coatings incorporated with de-oiled ethanolic green algae extract: a candidate for prolonging the shelf life of fresh produce. <i>RSC Advances</i> , 2022, 12, 13295-13313.	1.7	20
65	Utilization of green seed canola oil for in situ epoxidation. <i>European Journal of Lipid Science and Technology</i> , 2011, 113, 768-774.	1.0	19
66	Removal of Cr(VI) by magnetic iron oxide nanoparticles synthesized from extracellular polymeric substances of chromium resistant acid-tolerant bacterium <i>Lysinibacillus sphaericus</i> RTA-01. <i>Journal of Environmental Health Science & Engineering</i> , 2019, 17, 1001-1016.	1.4	19
67	Antioxidant potential and nutritional compositions of selected ginger varieties found in Northeast India. <i>Industrial Crops and Products</i> , 2019, 128, 167-176.	2.5	19
68	Determination of salutary parameters to facilitate bio-energy production from three uncommon biomasses using thermogravimetric analysis. <i>Journal of Thermal Analysis and Calorimetry</i> , 2013, 111, 1649-1655.	2.0	18
69	Effect of storage parameters on stability of <i>Jatropha</i> -derived biodiesel. <i>International Journal of Energy and Environmental Engineering</i> , 2013, 4, 1.	1.3	18
70	Comparative studies of thermal, oxidative and low temperature properties of waste cooking oil and castor oil. <i>Journal of Renewable and Sustainable Energy</i> , 2013, 5, .	0.8	17
71	Physicochemical and Rheological Characterization of Waste Cooking Oil Epoxide and Their Blends. <i>Waste and Biomass Valorization</i> , 2016, 7, 23-30.	1.8	17
72	Liquefaction of lignocellulosic biomass through biochemical conversion pathway: A strategic approach to achieve an industrial titer of bioethanol. <i>Fuel</i> , 2021, 287, 119545.	3.4	17

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73	Effect of pre-treatment on solvents extraction and physico-chemical properties of castor seed oil. <i>Journal of Renewable and Sustainable Energy</i> , 2014, 6, .	0.8	16
74	COSMO-RS-Based Screening of Antisolvents for the Separation of Sugars from Ionic Liquids: Experimental and Molecular Dynamic Simulations. <i>ACS Omega</i> , 2018, 3, 7358-7370.	1.6	16
75	Influence of Waste Cooking Oil Methyl Ester Biodiesel Blends on the Performance and Emissions of a Diesel Engine. <i>Waste and Biomass Valorization</i> , 2018, 9, 283-292.	1.8	16
76	Biodiesel production from high free fatty acids content <i>Jatropha curcas</i> L. oil using dual step process. <i>Biomass Conversion and Biorefinery</i> , 2013, 3, 361-369.	2.9	15
77	Response surface methodology for optimization of bio-lubricant basestock synthesis from high free fatty acids Acastor oil. <i>Energy Science and Engineering</i> , 2015, 3, 371-383.	1.9	15
78	Sono-hydro priming process (ultrasound modulated hydration): Modelling hydration kinetic during paddy germination. <i>Ultrasonics Sonochemistry</i> , 2021, 70, 105321.	3.8	15
79	Biosorption of Cr(VI) on immobilized <i>Hydrilla verticillata</i> in a continuous up-flow packed bed: prediction of kinetic parameters and breakthrough curves. <i>Desalination and Water Treatment</i> , 2012, 50, 115-124.	1.0	14
80	Lignocellulosic feedstocks for the production of bioethanol: availability, structure, and composition. , 2019, , 1-19.		14
81	Mixotrophic growth regime of novel strain <i>Scenedesmus</i> sp. DDVG I in municipal wastewater for concomitant bioremediation and valorization of biomass. <i>Journal of Cleaner Production</i> , 2022, 365, 132834.	4.6	14
82	Chemical composition, pretreatments and saccharification of <i>Senna siamea</i> (Lam.) H.S. Irwin & Barneby: An efficient biomass producing tree legume. <i>Bioresource Technology</i> , 2016, 207, 205-212.	4.8	13
83	Simultaneous extraction and transesterification of castor seeds for biodiesel production: Assessment of biodegradability. <i>Chemical Engineering Research and Design</i> , 2017, 107, 373-387.	2.7	13
84	Rubber Seed Oil Methyl Ester Synthesis, Engine Performance, and Emission Characteristics of Blends. <i>Energy & Fuels</i> , 2015, 29, 5136-5144.	2.5	12
85	The chemometric approach applied to FTIR spectral data for the analysis of lipid content in microalgae cultivated in different nitrogen sources. <i>Biomass Conversion and Biorefinery</i> , 2016, 6, 427-433.	2.9	12
86	Thermal degradation kinetics study and thermal cracking of waste cooking oil for biofuel production. <i>Journal of Thermal Analysis and Calorimetry</i> , 2018, 131, 2157-2165.	2.0	12
87	Degradation kinetics of anthocyanins from purple rice bran and effect of hydrocolloids on its stability. <i>Journal of Food Process Engineering</i> , 2020, 43, e13360.	1.5	12
88	Effect of Waste Green Algal Biomass Extract Incorporated Chitosan-Based Edible Coating on the Shelf Life and Quality Attributes of Tomato. <i>ACS Food Science & Technology</i> , 2022, 2, 1151-1165.	1.3	12
89	Kinetics of reactive absorption of carbon dioxide with solutions of 1,6-hexamethylenediamine in polar protic solvents. <i>Separation and Purification Technology</i> , 2010, 75, 1-7.	3.9	11
90	Infusion of gingerols into candied mango enhances shelf-life by inhibiting browning and associated quality parameters during storage. <i>Food Chemistry</i> , 2020, 316, 126354.	4.2	11

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91	Evaluation of efficient glucose release using sodium hydroxide and phosphoric acid as pretreating agents from the biomass of <i>Sesbania grandiflora</i> (L.) Pers.: A fast growing tree legume. <i>Bioresource Technology</i> , 2017, 236, 97-105.	4.8	10
92	Gingerols infusion and multi-step process optimization for enhancement of color, sensory and functional profiles of candied mango. <i>Food Chemistry</i> , 2019, 300, 125195.	4.2	10
93	Characterization of a low-cost adsorbent derived from agro-waste for ranitidine removal. <i>Materials Science for Energy Technologies</i> , 2020, 3, 879-888.	1.0	10
94	Comparative study of physicochemical and rheological property of waste cooking oil, castor oil, rubber seed oil, their methyl esters and blends with mineral diesel fuel. <i>Materials Science for Energy Technologies</i> , 2021, 4, 148-155.	1.0	10
95	In-Situ Epoxidation of Castor Oil Using Heterogeneous Acidic Ion-Exchange Resin Catalyst (IR-120) for Bio-Lubricant Application. <i>Tribology Online</i> , 2015, 10, 354-359.	0.2	9
96	Improved Low-Temperature Properties of Chemically Modified High Free Fatty Acid Castor Oil—Methyl Esters: Blending and Optimization Study. <i>Journal of Energy Engineering - ASCE</i> , 2016, 142, .	1.0	9
97	Thermal Degradation Kinetic Study of Rubber Seed Oil and Its Methyl Esters under Inert Atmosphere. <i>Energy & Fuels</i> , 2017, 31, 9642-9651.	2.5	9
98	Cultivating <i>Scenedesmus</i> sp. on substrata coated with cyanobacterial-derived extracellular polymeric substances for enhanced biomass productivity: a novel harvesting approach. <i>Biomass Conversion and Biorefinery</i> , 2023, 13, 2971-2983.	2.9	9
99	Thermal decomposition and kinetics of residual rubber seed cake and shell. <i>Journal of Thermal Analysis and Calorimetry</i> , 2017, 129, 577-592.	2.0	8
100	Analysis of thermal, oxidative and cold flow properties of methyl and ethyl esters prepared from soybean and mustard oils. <i>Journal of Thermal Analysis and Calorimetry</i> , 2017, 130, 1501-1511.	2.0	8
101	Subcritical water hydrolysis of spent Java Citronella biomass for production of reducing sugar. <i>Materials Today: Proceedings</i> , 2018, 5, 23128-23135.	0.9	8
102	Exploration of nutritional, antioxidant and antibacterial properties of unutilized rind and seed of passion fruit from Northeast India. <i>Journal of Food Measurement and Characterization</i> , 2021, 15, 3153-3167.	1.6	8
103	Utilization of microalgae residue and isolated cellulose nanocrystals: A study on crystallization kinetics of poly(ϵ -caprolactone) bio-composites. <i>International Journal of Biological Macromolecules</i> , 2021, 191, 521-530.	3.6	8
104	Bacterial biofilm-based nitrate and phosphate removal from rubber latex wastewater for sustainable water usage. <i>Water and Environment Journal</i> , 2020, 34, 170-182.	1.0	7
105	Design of a carrier system for gingerols enriched oleoresin tailored for food applications. <i>Food and Bioproducts Processing</i> , 2020, 124, 296-306.	1.8	7
106	Evaluation of thermophysical, biochemical and antibacterial properties of unconventional vegetable oil from Northeast India. <i>Materials Science for Energy Technologies</i> , 2021, 4, 81-91.	1.0	6
107	Dietary and bioactive properties of the berries and leaves from the underutilized <i>Hippophae salicifolia</i> D. Don grown in Northeast India. <i>Food Science and Biotechnology</i> , 2021, 30, 1555-1569.	1.2	6
108	Current challenges and advances in butanol production. , 2019, , 225-256.		5

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109	Jatropha (<i>Jatropha curcas</i> L.). <i>Methods in Molecular Biology</i> , 2015, 1224, 25-35.	0.4	4
110	Long-Term Storage Stability of Epoxides Derived from Vegetable Oils and Their Methyl Esters. <i>Energy & Fuels</i> , 2018, 32, 3428-3435.	2.5	4
111	Rural biorefinery: A viable solution for production of fuel and chemicals in rural India. , 2019, , 21-47.		4
112	Structural Characterization of Mixed Rice Straw and Deoiled Algal Cake-Based Substrate as a Potential Bioenergy Feedstock for Microbial Lipids and Carotenoid Production. <i>Waste and Biomass Valorization</i> , 2022, 13, 195-212.	1.8	4
113	Polarity-wise successive solvent extraction of <i>Scenedesmus obliquus</i> biomass and characterization of the crude extracts for broad-spectrum antibacterial activity. <i>Biomass Conversion and Biorefinery</i> , 2024, 14, 2467-2483.	2.9	4
114	Simultaneous ethanol and hydrogen production by fermentation from <i>Bon bogori</i> (<i>Ziziphus rugosa</i>). <i>Renewable Energy Focus</i> , 2018, 26, 71-80.	2.2	3
115	Role of lignocellulosic bioethanol in the transportation sector: limitations and advancements in bioethanol production from lignocellulosic biomass. , 2022, , 57-85.		3
116	Phase transition properties, chemical purity, and solubility of coniferyl alcohol and D- α -mannose: Experimental and Cosmo σ RS predictions. <i>Canadian Journal of Chemical Engineering</i> , 2019, 97, 1100-1106.	0.9	2
117	Influence of extrusion cooking on phytochemical, physical and sorption isotherm properties of rice extrudate infused with microencapsulated anthocyanin. <i>Food Science and Biotechnology</i> , 2021, 30, 65-76.	1.2	2
118	Utilization of nonedible oilseeds in a biorefinery approach with special emphasis on rubber seeds. , 2020, , 311-336.		2
119	Advancement in Development of Biodiesel Production in the Last Two Decades: An Indian Overview on Raw Materials, Synthesis, By-products, and Application. , 2017, , 167-188.		1
120	Dilute Acid Pretreatment Efficiency on Various Solid Loadings and Effect of Different Neutralizing Agents on Xylulosic Ethanol Production. , 2019, , 1-7.		1
121	Optimal production of bio σ char with maximum carbon content under both inert (N_2) and reactive (CO_2) environment employing RSM . <i>Environmental Progress and Sustainable Energy</i> , 2022, 41, .	1.3	1
122	Processing Thermogravimetric Analysis Data for Pyrolysis Kinetic Study of Microalgae Biomass. <i>Springer Proceedings in Energy</i> , 2021, , 1415-1424.	0.2	0