

CITATION REPORT

List of articles citing

A low-energy, cost-effective approach to fruit and citrus peel waste processing for bioethanol production

DOI: 10.1016/j.apenergy.2014.11.070
Applied Energy, 2015, 140, 65-74.

Source: <https://exaly.com/paper-pdf/62792025/citation-report.pdf>

Version: 2024-04-19

This report has been generated based on the citations recorded by exaly.com for the above article. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

#	Paper	IF	Citations
137	Supercritical water gasification of fructose as a model compound for waste fruits and vegetables. <i>Journal of Supercritical Fluids</i> , 2015 , 104, 112-121	4.2	65
136	Onion skin waste as a valorization resource for the by-products quercetin and biosugar. 2015 , 188, 537-42		84
135	Soybean waste (okara) as a valorization biomass for the bioethanol production. 2015 , 93, 1742-1747		32
134	Adding Value to Agro-Industrial Wastes. 2016 , 2,		9
133	Agricultural Waste. 2016 , 88, 1334-73		5
132	Bioprocesses for Enzyme Production Using Agro-Industrial Wastes. 2016 , 61-93		22
131	Citrus waste as feedstock for bio-based products recovery: Review on limonene case study and energy valorization. <i>Bioresource Technology</i> , 2016 , 214, 806-815	11	112
130	Homogeneous carboxymethylated orange pulp cellulose: Characterization and evaluation in terms of drug delivery. 2016 , 93, 1141-1146		5
129	Recent trends in bioethanol production from food processing byproducts. 2016 , 43, 1593-1609		31
128	Municipal Solid Waste Management. 2016 , 35, 119-126		16
127	Single step purification of concanavalin A (Con A) and bio-sugar production from jack bean using glucosylated magnetic nano matrix. <i>Bioresource Technology</i> , 2016 , 213, 257-261	11	8
126	Subcritical and supercritical water gasification of lignocellulosic biomass impregnated with nickel nanocatalyst for hydrogen production. 2016 , 41, 4907-4921		77
125	Gasification of fruit wastes and agro-food residues in supercritical water. <i>Energy Conversion and Management</i> , 2016 , 110, 296-306	10.6	148
124	Open fermentative production of fuel ethanol from food waste by an acid-tolerant mutant strain of <i>Zymomonas mobilis</i> . <i>Bioresource Technology</i> , 2016 , 203, 295-302	11	47
123	Bioethanol production from taro waste using thermo-tolerant yeast <i>Kluyveromyces marxianus</i> K21. <i>Bioresource Technology</i> , 2016 , 201, 27-32	11	50
122	Bioreactors for lignocellulose conversion into fermentable sugars for production of high added value products. 2016 , 100, 597-611		52
121	Sustainable electricity generation by biodegradation of low-cost lemon peel biomass in a dual chamber microbial fuel cell. 2016 , 106, 75-79		36

120	Experimental investigation on spark ignition engine using blends of bio-ethanol produced from citrus peel wastes. 2017 , 38, 112-115		16
119	Statistical optimization of acid catalyzed steam pretreatment of citrus peel waste for bioethanol production. 2017 , 3, 429-433		18
118	A review on the potential of citrus waste for D-Limonene, pectin, and bioethanol production. 2017 , 14, 599-612		64
117	Optimization and Validation of a Simple Method for Mineral Potential Evaluation in Citrus Residue. 2017 , 10, 1899-1908		9
116	Study on the effects of several operational variables on the enzymatic batch saccharification of orange solid waste. <i>Bioresource Technology</i> , 2017 , 245, 906-915	11	23
115	Dissolution of particulate phosphorus in pig slurry through biological acidification: A critical step for maximum phosphorus recovery as struvite. 2017 , 124, 693-701		22
114	Biofuel production from citrus wastes: A feasibility study in Iran. <i>Renewable and Sustainable Energy Reviews</i> , 2017 , 69, 1100-1112	16.2	67
113	Recovery of D-limonene through moderate temperature extraction and pyrolytic products from orange peels. 2017 , 92, 1186-1191		11
112	Fruit Waste to Energy through Open Fermentation. 2017 , 142, 904-909		10
111	Waste From Fruit Wine Production. 2017 , 557-598		4
110	Technical and Economic approach of bioethanol production from nanofiltration of biomass chemical hydrolysis solutions. <i>Applied Energy</i> , 2018 , 215, 426-436	10.7	6
109	Orange processing waste valorisation for the production of bio-based pigments using the fungal strains <i>Monascus purpureus</i> and <i>Penicillium purpurogenum</i> . 2018 , 185, 882-890		60
108	High voltage electrical discharges combined with enzymatic hydrolysis for extraction of polyphenols and fermentable sugars from orange peels. 2018 , 107, 755-762		37
107	Co-combustion thermal conversion characteristics of textile dyeing sludge and pomelo peel using TGA and artificial neural networks. <i>Applied Energy</i> , 2018 , 212, 786-795	10.7	85
106	Citrus processing wastes: Environmental impacts, recent advances, and future perspectives in total valorization. 2018 , 129, 153-167		130
105	Increased Aromatics Formation by the Use of High-Density Polyethylene on the Catalytic Pyrolysis of Mandarin Peel over HY and HZSM-5. 2018 , 8, 656		11
104	Synergistic Treatment Strategy for Efficient Release of Reducing Sugar from Orange Peel during Acid and Enzymatic Treatment Process. 2018 ,		
103	Effective approach to organic acid production from agricultural kimchi cabbage waste and its potential application. 2018 , 13, e0207801		18

102	Sequential co-immobilization of α -glucosidase and yeast cells on single polymer support for bioethanol production. 2018 , 61, 1600-1608	3
101	Valorisation of citrus processing waste: A review. 2018 , 80, 252-273	162
100	Biofuel Potential of Fruit Juice Industry Waste. 2018 , 22, 05018002	7
99	Cost-efficient magnetic nanoporous carbon derived from citrus peel for the selective adsorption of seven insecticides. 2018 , 41, 2924	3
98	Fragrant bioethanol: A valued bioproduct from orange juice and essential oil extraction. 2018 , 9, 42-45	2
97	Balanced scorecard-based analysis about European energy investment policies: A hybrid hesitant fuzzy decision-making approach with Quality Function Deployment. 2019 , 115, 152-171	103
96	Green-Synthesized Nanoparticles Enhanced Seedling Growth, Yield, and Quality of Onion (<i>Allium cepa</i> L.). 2019 , 7, 14580-14590	47
95	Influence of alkaline peroxide assisted and hydrothermal pretreatment on biodegradability and bio-hydrogen formation from citrus peel waste. 2019 , 44, 22888-22903	19
94	Hydrothermal liquefaction of fresh lemon-peel: Parameter optimisation and product chemistry. 2019 , 143, 512-519	31
93	Ethanol production from date wastes: Adapted technologies, challenges, and global potential. 2019 , 143, 1094-1110	27
92	Thermal and UV aging of polypropylene stabilized by wine seeds wastes and their extracts. 2019 , 165, 49-59	19
91	Production of D-lactic acid by <i>L. delbrueckii</i> growing on orange peel waste hydrolysates and model monosaccharide solutions: effects of pH and temperature on process kinetics. <i>Biomass Conversion and Biorefinery</i> , 2019 , 9, 565-575	2.3 9
90	Bioethanol from Waste [Prospects and Challenges of Current and Emerging Technologies. 2019 , 421-456	
89	Characterization of edible coatings based on ripe Brata banana peel flour. 2019 , 89, 570-578	25
88	Feasibility assessment of waste banana peduncle as feedstock for biofuel production. 2019 , 10, 473-484	14
87	Utilising Biomass in Biotechnology. 2020 ,	4
86	Alternative Fuels and Their Utilization Strategies in Internal Combustion Engines. 2020 ,	3
85	Bioconversion of biomass waste into high value chemicals. <i>Bioresource Technology</i> , 2020 , 298, 122386	11 131

84	Fermentation of pigment-extracted microalgal residue using yeast cell-surface display: direct high-density ethanol production with competitive life cycle impacts. 2020 , 22, 153-162		12
83	Single and competitive adsorption studies of two cationic dyes from aqueous mediums onto cellulose-based modified citrus peels/calcium alginate composite. 2020 , 154, 1227-1236		25
82	Production of D-Lactic Acid by the Fermentation of Orange Peel Waste Hydrolysate by Lactic Acid Bacteria. 2020 , 6, 1		27
81	Application of engineered yeast strain fermentation for oligogalacturonides production from pectin-rich waste biomass. <i>Bioresource Technology</i> , 2020 , 300, 122645	11	13
80	A High-Yield Process for Production of Biosugars and Hesperidin from Mandarin Peel Wastes. 2020 , 25,		3
79	Coffee residue as a valorization bio-agent for shelf-life extension of lactic acid bacteria under cryopreservation. 2020 , 118, 585-590		2
78	Bioenergy production from orange industrial waste: a case study. 2020 , 14, 1239-1253		13
77	Second generation bioethanol production from hemicellulolytic hydrolyzate of apple pomace by <i>Pichia stipitis</i> . 2020 , 1-12		6
76	Sources, characteristics and treatment of plant-based food waste. 2020 , 37-66		6
75	Ethanol production by <i>Klebsiella</i> sp. SWET4 using banana peel as feasible substrate. <i>Biomass Conversion and Biorefinery</i> , 2020 , 1	2,3	4
74	Pectinases: from microbes to industries. 2020 , 287-313		3
73	Preparation and Characterization an Active Carbon Adsorbent from Waste Mandarin Peel and Determination of Adsorption Behavior on Removal of Synthetic Dye Solutions. 2020 , 231, 1		12
72	Production of Biojet Fuel from Waste Raw Materials. 2020 , 149-171		1
71	. 2020 ,		
70	Pentose metabolism and conversion to biofuels and high-value chemicals in yeasts. 2021 , 45,		5
69	Valorisation of pectin-rich agro-industrial residues by yeasts: potential and challenges. 2020 , 104, 6527-6547		23
68	Efficient biobutanol production from potato peel wastes by separate and simultaneous inhibitors removal and pretreatment. 2020 , 160, 269-277		18
67	Rotary biofilm reactor: A new tool for long-term bioethanol production from non-sterilized beet molasses by <i>Saccharomyces cerevisiae</i> in repeated-batch fermentation. 2020 , 257, 120519		17

66	Enhancing bioproduction and thermotolerance in <i>Saccharomyces cerevisiae</i> via cell immobilization on biochar: Application in a citrus peel waste biorefinery. 2020 , 155, 53-64		17
65	Bioaugmentation with <i>Enterococcus casseliflavus</i> : A Hydrogen-Producing Strain Isolated from Citrus Peel Waste. 2021 , 12, 895-911		2
64	Screening design of nutritional and physicochemical parameters on bio-hydrogen and volatile fatty acids production from Citrus Peel Waste in batch reactors. 2021 , 46, 7794-7809		6
63	Bio-ethanol production: A route to sustainability of fuels using bio-based heterogeneous catalyst derived from waste. 2021 , 146, 190-200		19
62	Tangerine, banana and pomegranate peels valorisation for sustainable environment: A review. 2021 , 29, e00574		26
61	Biotransformation of Citrus Waste-I: Production of Biofuel and Valuable Compounds by Fermentation. 2021 , 9, 220		10
60	Utility of Fruit-Based Industry Waste. 2021 , 1-28		
59	Microbial lipid production from banana straw hydrolysate and ethanol stillage. 2021 , 28, 29357-29368		4
58	A step closer to circular bioeconomy for citrus peel waste: A review of yields and technologies for sustainable management of essential oils. 2021 , 280, 111832		24
57	Recent advances in the biological valorization of citrus peel waste into fuels and chemicals. <i>Bioresource Technology</i> , 2021 , 323, 124603	11	23
56	Evaluation of Bioethanol Production from a Mixed Fruit Waste by <i>Wickerhamomyces</i> sp. UFFS-CE-3.1.2. 1		7
55	Value-Added Products from Fruit and Vegetable Wastes: A Review. 2021 , 49, 2000376		2
54	A critical review on the development stage of biorefinery systems towards the management of apple processing-derived waste. <i>Renewable and Sustainable Energy Reviews</i> , 2021 , 143, 110972	16.2	31
53	An overview of forest residues as promising low-cost adsorbents. 2021 ,		0
52	Saccharification and fermentation of the lignocellulosic residues of the orange to obtain bioalcohol. 2021 , 38, 718-732		
51	Combustion characteristics of a diesel engine running with Mandarin essential oil -diesel mixtures and propanol additive under different exhaust gas recirculation: Experimental investigation and numerical simulation. 2021 , 26, 101100		8
50	Microbial and functional characterization of an allochthonous consortium applied to hydrogen production from Citrus Peel Waste in batch reactor in optimized conditions. 2021 , 291, 112631		3
49	Microbial conversion of waste biomass into bioethanol: current challenges and future prospects. <i>Biomass Conversion and Biorefinery</i> , 1	2.3	3

48	Physicochemical properties and tenderness analysis of bovine meat using proteolytic enzymes extracted from pineapple (<i>Ananas comosus</i>) and jackfruit (<i>Artocarpus heterophyllus</i>) by-products. <i>e15939</i>		3
47	The Food-Materials Nexus: Next Generation Bioplastics and Advanced Materials from Agri-Food Residues. 2021 , 33, e2102520		10
46	Food wastes as natural sources of lactic acid bacterial exopolysaccharides for the functional food industry: A review. 2021 , 189, 232-241		5
45	Appropriateness of rose (<i>Rosa hybrida</i>) for bioethanol conversion with enzymatic hydrolysis: Sustainable development on green fuel production. 2021 , 232, 120922		1
44	Physicochemical properties of pectin extracted from navel orange peel dried by vacuum microwave. 2021 , 151, 112100		1
43	Refining of vegetable waste to renewable sugars for ethanol production: Depolymerization and fermentation optimization. <i>Bioresource Technology</i> , 2021 , 340, 125650	11	8
42	Qualitative and varietal characterization of pomegranate peel: High-value co-product or waste of production?. 2022 , 291, 110601		0
41	Critical assessment of reaction pathways for conversion of agricultural waste biomass into formic acid. 2021 , 23, 1536-1561		13
40	Structure of Residual Biomass Characterization. 2020 , 7-18		1
39	Biofuel Production from Agricultural Waste: An Economical Approach. 2020 , 65-80		2
38	Introduction. 2016 , 9-10		
37	Advanced bioethanol production from biowaste streams. 2022 , 77-154		
36	Hydrothermal Carbonization as Sustainable Process for the Complete Upgrading of Orange Peel Waste into Value-Added Chemicals and Bio-Carbon Materials. <i>Applied Sciences (Switzerland)</i> , 2021 , 11, 10983	2.6	2
35	Current status and opportunities for fruit processing waste biorefineries. <i>Renewable and Sustainable Energy Reviews</i> , 2021 , 111823	16.2	4
34	Circular bioeconomy: Life cycle assessment of scaled-up cascading production from orange peel waste under current and future electricity mixes.. <i>Science of the Total Environment</i> , 2021 , 152574	10.2	1
33	From food industry wastes to second generation bioethanol: a review. <i>Reviews in Environmental Science and Biotechnology</i> , 2022 , 21, 299-329	13.9	4
32	Mechanical Properties of Rammed Earth Stabilized with Local Waste and Recycled Materials.		0
31	Waste-to-bioethanol. 2022 , 101-118		

30	Utility of Fruit-Based Industry Waste. 2022 , 757-784		
29	Valorization of Grapefruit (<i>Citrus paradisi</i>) Processing Wastes. 2022 , 179-220		
28	Lemon (<i>Citrus limon</i>) Bio-waste: Chemistry, Functionality and Technological Applications. 2022 , 303-322		
27	Muntingia calabura fruits as sources of bioactive compounds and fermentative ethanol production. <i>Biomass Conversion and Biorefinery</i> , 1	2.3	0
26	Mechanical and Microstructural Characterization of Rammed Earth Stabilized with Five Biopolymers.. <i>Materials</i> , 2022 , 15,	3.5	0
25	Trends in Sustainable Green Synthesis of Silver Nanoparticles Using Agri-Food Waste Extracts and Their Applications in Health. <i>Journal of Nanomaterials</i> , 2022 , 2022, 1-37	3.2	1
24	Tropical agroindustrial biowaste revalorization through integrative biorefineriesReview part II: pineapple, sugarcane and banana by-products in Costa Rica. <i>Biomass Conversion and Biorefinery</i> , 1	2.3	0
23	High Cell Density Cultivation of <i>Paracoccus</i> sp. on Sugarcane Juice for Poly(3-hydroxybutyrate) Production. <i>Frontiers in Bioengineering and Biotechnology</i> , 2022 , 10,	5.8	0
22	From Fruit and Vegetable Waste to Biofuel Production: Part I. <i>Clean Energy Production Technologies</i> , 2022 , 43-80	0.8	
21	Biofuels Production from Orange Juice Industrial Waste within a Circular Economy Vision. <i>SSRN Electronic Journal</i> ,	1	
20	Citrus Fruit Processing by Pressure Intensified Technologies: A Review. <i>Journal of Supercritical Fluids</i> , 2022 , 105646	4.2	0
19	Process optimization for recycling of bread waste into bioethanol and biomethane: A circular economy approach. <i>Energy Conversion and Management</i> , 2022 , 266, 115784	10.6	1
18	Valorization of fruit wastes for circular bioeconomy: Current advances, challenges, and opportunities. <i>Bioresource Technology</i> , 2022 , 359, 127459	11	3
17	Lipids production using agricultural residues. 2022 , 219-244		
16	Anaerobic co digestion of food waste and agricultural residues. An overview of feedstock properties and the impact of biochar addition. <i>Digital Chemical Engineering</i> , 2022 , 100046		0
15	Challenges in bioethanol production from food residues. <i>Bioresource Technology Reports</i> , 2022 , 19, 101171	17.1	
14	Biofuels production from orange juice industrial waste within a circular economy vision. 2022 , 49, 103028		0
13	Upstream processes of citrus fruit waste biorefinery for complete valorization. 2022 , 362, 127776		1

12	Feedstock for Second-Generation Bioethanol Production. 2022 , 165-186	0
11	Unraveling the utilization feasibility of citrus peel solid distillation waste as potential source for antioxidant as well as bioethanol.	0
10	Polymers without Petrochemicals: Sustainable Routes to Conventional Monomers.	3
9	Effect of solvent mixtures on the ultrasound-assisted extraction of compounds from pineapple by-product. 2022 , 50, 102098	0
8	Biomolecules from Orange and Grape Waste: Direct and Indirect Obtaining. 2022 , 289-314	0
7	SeqFLoW: A systematic approach to identify and select food waste valorisation opportunities. 2023 , 189, 106732	0
6	Bread waste Δ potential feedstock for sustainable circular biorefineries. 2023 , 369, 128449	1
5	Citrus By-Products: Valuable Source of Bioactive Compounds for Food Applications. 2023 , 12, 38	1
4	Microwave assisted alkali pretreatment of fruit peel wastes for enzymatic hydrolysis. 2017 , 87,	0
3	Citrus Waste as Source of Bioactive Compounds: Extraction and Utilization in Health and Food Industry. 2023 , 28, 1636	1
2	Enzymes production from fruit and vegetable waste and their industrial applications. 2023 , 17-36	0
1	Bioethanol Production from Agricultural Biomass: Sources of Cellulose, Pretreatment Methods, and Future Prospects. 2023 , 287-324	0