



**ATTACHMENT**

Table 3. Titles, authors, journals and access to the 194 publications used in this review.

Tabela 3. Títulos, autores, periódicos e acesso às 194 publicações utilizadas na revisão.

Title	Author	Journal	DOI	Link
Beneficial biofuels - The food, energy, and environment trilemma	Tilman D., Socolow R., Foley J.A., Hill J., Larson E., Lynd L., Pacala S., Reilly J., Searchinger T., Somerville C., Williams R.	Science	10.1126/science.1177970	<a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-67650828376&amp;doi=10.1126%2fscience.1177970&amp;partnerID=40&amp;md5=00569dbeb201d86a00b57663b743cd19">https://www.scopus.com/inward/record.uri?eid=2-s2.0-67650828376&amp;doi=10.1126%2fscience.1177970&amp;partnerID=40&amp;md5=00569dbeb201d86a00b57663b743cd19</a>
Bamboo: An overlooked biomass resource?	Scurlock J.M.O., Dayton D.C., Hames B.	Biomass and Bioenergy	10.1016/S0961-9534(00)00038-6	<a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-0033709967&amp;doi=10.1016%2fS0961-9534%2800%2900038-6&amp;partnerID=40&amp;md5=1405b4a9f23c06710f15041b0bdb2655">https://www.scopus.com/inward/record.uri?eid=2-s2.0-0033709967&amp;doi=10.1016%2fS0961-9534%2800%2900038-6&amp;partnerID=40&amp;md5=1405b4a9f23c06710f15041b0bdb2655</a>
Gene-centric metagenomics of the fiber-adherent bovine rumen microbiome reveals forage specific glycoside hydrolases	Bruce J.M., Antonopoulos D.A., Berg Miller M.E., Wilson M.K., Yannarell A.C., Dinsdale E.A., Edwards R.E., Frank E.D., Emerson J.B., Wacklin P., Coutinho P.M., Henrissat B., Nelson K.E., White B.A.	Proceedings of the National Academy of Sciences of the United States of America	10.1073/pnas.08061911105	<a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-60549114321&amp;doi=10.1073%2fpnas.08061911105&amp;partnerID=40&amp;md5=8d70a27545328d4cbb538bdb4757335b">https://www.scopus.com/inward/record.uri?eid=2-s2.0-60549114321&amp;doi=10.1073%2fpnas.08061911105&amp;partnerID=40&amp;md5=8d70a27545328d4cbb538bdb4757335b</a>
Potential contribution of biomass to the sustainable energy development	Demirbas M.F., Balat M., Balat H.	Energy Conversion and Management	10.1016/j.enconman.2009.03.013	<a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-65649131290&amp;doi=10.1016%2fj.enconman.2009.03.013&amp;partnerID=40&amp;md5=652ca2144fa94b1a3f628c6c40c38445">https://www.scopus.com/inward/record.uri?eid=2-s2.0-65649131290&amp;doi=10.1016%2fj.enconman.2009.03.013&amp;partnerID=40&amp;md5=652ca2144fa94b1a3f628c6c40c38445</a>
Key issues in life cycle assessment of ethanol production from lignocellulosic biomass: Challenges and perspectives	Singh A., Pant D., Korres N.E., Nizami A.-S., Prasad S., Murphy J.D.	Bioresource Technology	10.1016/j.biortech.2009.11.062	<a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-77949873264&amp;doi=10.1016%2fj.biortech.2009.11.062&amp;partnerID=40&amp;md5=bdb56b438247785a5c5db7bb2a43bc5a">https://www.scopus.com/inward/record.uri?eid=2-s2.0-77949873264&amp;doi=10.1016%2fj.biortech.2009.11.062&amp;partnerID=40&amp;md5=bdb56b438247785a5c5db7bb2a43bc5a</a>
Lignocellulose: A chewy problem	Sanderson K.	Nature	10.1038/474S012a	<a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-79959491147&amp;doi=10.1038%2f474S012a&amp;partnerID=40&amp;md5=538e4e63316fa32c6a9a457c0b05c61a">https://www.scopus.com/inward/record.uri?eid=2-s2.0-79959491147&amp;doi=10.1038%2f474S012a&amp;partnerID=40&amp;md5=538e4e63316fa32c6a9a457c0b05c61a</a>
Engineering: Cellulosic biofuels - Got gasoline?	Regalbuto J.R.	Science	10.1126/science.1174581	<a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-68949218998&amp;doi=10.1126%2fscience.1174581&amp;partnerID=40&amp;md5=17db246a21d0b1684926acfd8ad97c70">https://www.scopus.com/inward/record.uri?eid=2-s2.0-68949218998&amp;doi=10.1126%2fscience.1174581&amp;partnerID=40&amp;md5=17db246a21d0b1684926acfd8ad97c70</a>
Pretreatment of woody biomass for biofuel production: Energy efficiency, technologies, and recalcitrance	Zhu J.Y., Pan X., Zalesny Jr. R.S.	Applied Microbiology and Biotechnology	10.1007/s00253-010-2654-8	<a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-77955654798&amp;doi=10.1007%2fs00253-010-2654-8&amp;partnerID=40&amp;md5=31a2a2cbac05bd287ccce9b018e4e172">https://www.scopus.com/inward/record.uri?eid=2-s2.0-77955654798&amp;doi=10.1007%2fs00253-010-2654-8&amp;partnerID=40&amp;md5=31a2a2cbac05bd287ccce9b018e4e172</a>
From wood to fuels	Ragauskas A.J., Nagy M., Kim D.H., Eckert C.A., Hallett J.P., Liotta C.L.	Industrial Biotechnology	10.1089/ind.2006.2.55	<a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-33646433727&amp;doi=10.1089%2find.2006.2.55&amp;partnerID=40&amp;md5=b57a3f83297abaf2d4a317e220df359f">https://www.scopus.com/inward/record.uri?eid=2-s2.0-33646433727&amp;doi=10.1089%2find.2006.2.55&amp;partnerID=40&amp;md5=b57a3f83297abaf2d4a317e220df359f</a>
Alterations in energy properties of eucalyptus wood and bark subjected to torrefaction: The potential of mass loss as a synthetic indicator	Almeida G., Brito J.O., Perré P.	Bioresource Technology	10.1016/j.biortech.2010.07.026	<a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-77956180178&amp;doi=10.1016%2fj.biortech.2010.07.026&amp;partnerID=40&amp;md5=5f89ac10f7fc53abe9614250d3227752">https://www.scopus.com/inward/record.uri?eid=2-s2.0-77956180178&amp;doi=10.1016%2fj.biortech.2010.07.026&amp;partnerID=40&amp;md5=5f89ac10f7fc53abe9614250d3227752</a>
Design of biomass processing network for biofuel production using an MILP model	Kim J., Realf M.J., Lee J.H., Whittaker C., Furtner L.	Biomass and Bioenergy	10.1016/j.biombioe.2010.11.008	<a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-78650779930&amp;doi=10.1016%2fj.biombioe.2010.11.008&amp;partnerID=40&amp;md5=5847c34c8e3ab9356b6f4597fc49d90a">https://www.scopus.com/inward/record.uri?eid=2-s2.0-78650779930&amp;doi=10.1016%2fj.biombioe.2010.11.008&amp;partnerID=40&amp;md5=5847c34c8e3ab9356b6f4597fc49d90a</a>
Combining hot-compressed water and ball milling pretreatments to improve the efficiency of the enzymatic hydrolysis of eucalyptus	Inoue H., Yano S., Endo T., Sakaki T., Sawayama S.	Biotechnology for Biofuels	10.1186/1754-6834-1-2	<a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-45149101170&amp;doi=10.1186%2f1754-6834-1-2&amp;partnerID=40&amp;md5=f91a4b7a34ba0681d4b60989c9ff8487">https://www.scopus.com/inward/record.uri?eid=2-s2.0-45149101170&amp;doi=10.1186%2f1754-6834-1-2&amp;partnerID=40&amp;md5=f91a4b7a34ba0681d4b60989c9ff8487</a>

## Review on research trends in biomass resources and biofuel potential: a bibliometric analysis (SUPPLEMENTARY DOCUMENT)

Advances in thermochemical conversion of woody biomass to energy, fuels and chemicals	Pang S.	Biotechnology Advances	10.1016/j.biotechadv.2018.11.004	<a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85056844169&amp;doi=10.1016%2fj.biotechadv.2018.11.004&amp;partnerID=40&amp;md5=dbc0c6b22ac1cd72c09d4ead27a39c8e">https://www.scopus.com/inward/record.uri?eid=2-s2.0-85056844169&amp;doi=10.1016%2fj.biotechadv.2018.11.004&amp;partnerID=40&amp;md5=dbc0c6b22ac1cd72c09d4ead27a39c8e</a>
Biomass to liquid: A prospective challenge to research and development in 21st century	Swain P.K., Das L.M., Naik S.N.	Renewable and Sustainable Energy Reviews	10.1016/j.rser.2011.07.061	<a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-81855170303&amp;doi=10.1016%2fj.rser.2011.07.061&amp;partnerID=40&amp;md5=932c21ee0f3e18a31fe2601f4e94375f">https://www.scopus.com/inward/record.uri?eid=2-s2.0-81855170303&amp;doi=10.1016%2fj.rser.2011.07.061&amp;partnerID=40&amp;md5=932c21ee0f3e18a31fe2601f4e94375f</a>
Biofuels and the biorefinery concept	Taylor G.	Energy Policy	10.1016/j.enpol.2008.09.069	<a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-55249086920&amp;doi=10.1016%2fj.enpol.2008.09.069&amp;partnerID=40&amp;md5=7ca7a297bf52775e73e9c04368d32b3">https://www.scopus.com/inward/record.uri?eid=2-s2.0-55249086920&amp;doi=10.1016%2fj.enpol.2008.09.069&amp;partnerID=40&amp;md5=7ca7a297bf52775e73e9c04368d32b3</a>
Woody biomass: Niche position as a source of sustainable renewable chemicals and energy and kinetics of hot-water extraction/hydrolysis	Liu S.	Biotechnology Advances	10.1016/j.biotechadv.2010.05.006	<a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-77954385087&amp;doi=10.1016%2fj.biotechadv.2010.05.006&amp;partnerID=40&amp;md5=711293395182636cee918e1b94231207">https://www.scopus.com/inward/record.uri?eid=2-s2.0-77954385087&amp;doi=10.1016%2fj.biotechadv.2010.05.006&amp;partnerID=40&amp;md5=711293395182636cee918e1b94231207</a>
Weedy lignocellulosic feedstock and microbial metabolic engineering: Advancing the generation of 'Biofuel'	Chandel A.K., Singh O.V.	Applied Microbiology and Biotechnology	10.1007/s00253-010-3057-6	<a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-79952574144&amp;doi=10.1007%2fs00253-010-3057-6&amp;partnerID=40&amp;md5=84b9e119a55c9bad2830ede397c3053f">https://www.scopus.com/inward/record.uri?eid=2-s2.0-79952574144&amp;doi=10.1007%2fs00253-010-3057-6&amp;partnerID=40&amp;md5=84b9e119a55c9bad2830ede397c3053f</a>
C4 Plants as Biofuel Feedstocks: Optimising Biomass Production and Feedstock Quality from a Lignocellulosic Perspective	Byrt C.S., Grof C.P., Furbank R.T.	Journal of Integrative Plant Biology	10.1111/j.1744-7909.2010.01023.x	<a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-79251489786&amp;doi=10.1111%2fj.1744-7909.2010.01023.x&amp;partnerID=40&amp;md5=495a9db8fd0ced5ad869ac24b186a5ea">https://www.scopus.com/inward/record.uri?eid=2-s2.0-79251489786&amp;doi=10.1111%2fj.1744-7909.2010.01023.x&amp;partnerID=40&amp;md5=495a9db8fd0ced5ad869ac24b186a5ea</a>
Biomass as renewable energy: Worldwide research trends	Perea-Moreno M.-A., Samerón-Manzano E., Perea-Moreno A.-J.	Sustainability (Switzerland)	10.3390/su11030863	<a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85061122409&amp;doi=10.3390%2fsu11030863&amp;partnerID=40&amp;md5=179169eff4c7edc1fc37da34847cdaa1">https://www.scopus.com/inward/record.uri?eid=2-s2.0-85061122409&amp;doi=10.3390%2fsu11030863&amp;partnerID=40&amp;md5=179169eff4c7edc1fc37da34847cdaa1</a>
Biomass energy potential and utilization in Turkey	Toklu E.	Renewable Energy	10.1016/j.renene.2017.02.008	<a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85012055038&amp;doi=10.1016%2fj.renene.2017.02.008&amp;partnerID=40&amp;md5=89512899a17c0f4070e840d1010c75e0">https://www.scopus.com/inward/record.uri?eid=2-s2.0-85012055038&amp;doi=10.1016%2fj.renene.2017.02.008&amp;partnerID=40&amp;md5=89512899a17c0f4070e840d1010c75e0</a>
Cost estimate for biosynfuel production via biosyn crude gasification	Henrich E., Dahmen N., Dinjus E.	Biofuels, Bioproducts and Biorefining	10.1002/bbb.126	<a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-60349122670&amp;doi=10.1002%2fbbb.126&amp;partnerID=40&amp;md5=4d64c94ac99410e8f060632a0a4fbc1b">https://www.scopus.com/inward/record.uri?eid=2-s2.0-60349122670&amp;doi=10.1002%2fbbb.126&amp;partnerID=40&amp;md5=4d64c94ac99410e8f060632a0a4fbc1b</a>
Developments in international bioenergy trade	Junginger M., Bolkesjø T., Bradley D., Dolzan P., Faaij A., Heinimö J., Hektor B., Leistad Ø., Ling E., Perry M., Piacente E., Rosillo-Calle F., Ryckmans Y., Schouwenberg P.-P., Solberg B., Tromborg E., Walter A.d.S., Wit M.d.	Biomass and Bioenergy	10.1016/j.biombioe.2008.01.019	<a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-46249112743&amp;doi=10.1016%2fj.biombioe.2008.01.019&amp;partnerID=40&amp;md5=db67844ac99f7230294f3b26743aa32d">https://www.scopus.com/inward/record.uri?eid=2-s2.0-46249112743&amp;doi=10.1016%2fj.biombioe.2008.01.019&amp;partnerID=40&amp;md5=db67844ac99f7230294f3b26743aa32d</a>
Energy and carbon balances of wood cascade chains	Sathre R., Gustavsson L.	Resources, Conservation and Recycling	10.1016/j.resconrec.2005.12.008	<a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-33646565297&amp;doi=10.1016%2fj.resconrec.2005.12.008&amp;partnerID=40&amp;md5=82d79f17fafed924d68cf33bed547ed4">https://www.scopus.com/inward/record.uri?eid=2-s2.0-33646565297&amp;doi=10.1016%2fj.resconrec.2005.12.008&amp;partnerID=40&amp;md5=82d79f17fafed924d68cf33bed547ed4</a>
Chemical, microphysical and optical properties of primary particles from the combustion of biomass fuels	Habib G., Venkataraman C., Bond T.C., Schauer J.J.	Environmental Science and Technology	10.1021/es800943f	<a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-57449098028&amp;doi=10.1021%2fes800943f&amp;partnerID=40&amp;md5=cb347c4c759ff51eadf195cb4153c490">https://www.scopus.com/inward/record.uri?eid=2-s2.0-57449098028&amp;doi=10.1021%2fes800943f&amp;partnerID=40&amp;md5=cb347c4c759ff51eadf195cb4153c490</a>
Characterization of bioresidues for biooil production through pyrolysis	Mythili R., Venkatachalam P., Subramanian P., Uma D.	Bioresource Technology	10.1016/j.biortech.2013.03.161	<a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-84876726444&amp;doi=10.1016%2fj.biortech.2013.03.161&amp;partnerID=40&amp;md5=ac789ed49b6ace386c48d1cdb1339fec">https://www.scopus.com/inward/record.uri?eid=2-s2.0-84876726444&amp;doi=10.1016%2fj.biortech.2013.03.161&amp;partnerID=40&amp;md5=ac789ed49b6ace386c48d1cdb1339fec</a>
Biorefinery of sweet sorghum stem	Yu J., Zhang T., Zhong J., Zhang X., Tan T.	Biotechnology Advances	10.1016/j.biotechadv.2012.01.014	<a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-84862814444&amp;doi=10.1016%2fj.biotechadv.2012.01.014&amp;partnerID=40&amp;md5=2820e4e47fd659ffe994cb64e3d5ae29">https://www.scopus.com/inward/record.uri?eid=2-s2.0-84862814444&amp;doi=10.1016%2fj.biotechadv.2012.01.014&amp;partnerID=40&amp;md5=2820e4e47fd659ffe994cb64e3d5ae29</a>
Forest biorefinery: Potential of poplar phytochemicals as value-added co-products	Devappa R.K., Rakshit S.K., Dekker R.F.H.	Biotechnology Advances	10.1016/j.biotechadv.2015.02.012	<a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-84939258561&amp;doi=10.1016%2fj.biotechadv.2015.02.012&amp;partnerID=40&amp;md5=5d0fc6e1b2988ad33769b6078db72a12">https://www.scopus.com/inward/record.uri?eid=2-s2.0-84939258561&amp;doi=10.1016%2fj.biotechadv.2015.02.012&amp;partnerID=40&amp;md5=5d0fc6e1b2988ad33769b6078db72a12</a>
pp. 391-394; Lee	control organism zone diameters for batches of IsoSensitest agar manufactured from 1996 to 2000	Oh	Lee	H.K.

	using the BSAC disc susceptibility test method (2002) J Antimicrob Chemother			
Assessment of biomass residue availability and bioenergy yields in Ghana	Kemausuor F., Kamp A., Thomsen S.T., Bensah E.C., Stergård H.	Resources, Conservation and Recycling	10.1016/j.resconrec.2014.01.007	<a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-84896855215&amp;doi=10.1016%2Fj.resconrec.2014.01.007&amp;partnerID=40&amp;md5=480bfd9f7a31df3496c8fa8bfbadb41d3">https://www.scopus.com/inward/record.uri?eid=2-s2.0-84896855215&amp;doi=10.1016%2Fj.resconrec.2014.01.007&amp;partnerID=40&amp;md5=480bfd9f7a31df3496c8fa8bfbadb41d3</a>
A greenhouse gas indicator for bioenergy: Some theoretical issues with practical implications	Guinée J.B., Heijungs R., Van Der Voet E.	International Journal of Life Cycle Assessment	10.1007/s11367-009-0080-x	<a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-67649197399&amp;doi=10.1007%2Fs11367-009-0080-x&amp;partnerID=40&amp;md5=b51b63802a57d35c2286399f2bb357f6">https://www.scopus.com/inward/record.uri?eid=2-s2.0-67649197399&amp;doi=10.1007%2Fs11367-009-0080-x&amp;partnerID=40&amp;md5=b51b63802a57d35c2286399f2bb357f6</a>
Woody energy crops in the southeastern United States: Two centuries of practitioner experience	Kline K.L., Coleman M.D.	Biomass and Bioenergy	10.1016/j.biombioe.2010.05.005	<a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-78149282227&amp;doi=10.1016%2Fj.biombioe.2010.05.005&amp;partnerID=40&amp;md5=97a8bab466f32ed16e37b74ff3a05b1c">https://www.scopus.com/inward/record.uri?eid=2-s2.0-78149282227&amp;doi=10.1016%2Fj.biombioe.2010.05.005&amp;partnerID=40&amp;md5=97a8bab466f32ed16e37b74ff3a05b1c</a>
Biofuel consumption rates and patterns in Kenya	Kituyi E., Marufu L., Huber B., O. Wandiga S., O. Jumba I., O. Andreae M., Helas G.	Biomass and Bioenergy	10.1016/S0961-9534(00)00072-6	<a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-0035094825&amp;doi=10.1016%2Fs0961-9534%2800%2900072-6&amp;partnerID=40&amp;md5=297780025321ca22454afb062218eae1">https://www.scopus.com/inward/record.uri?eid=2-s2.0-0035094825&amp;doi=10.1016%2Fs0961-9534%2800%2900072-6&amp;partnerID=40&amp;md5=297780025321ca22454afb062218eae1</a>
Transcriptome and exoproteome analysis of utilization of plant-derived biomass by <i>Myceliophthora thermophila</i>	Kolbusz M.A., Di Falco M., Ishmael N., Marquetteau S., Moisan M.-C., Baptista C.D.S., Powlowski J., Tsang A.	Fungal Genetics and Biology	10.1016/j.fgb.2014.05.006	<a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-84908507489&amp;doi=10.1016%2Fj.fgb.2014.05.006&amp;partnerID=40&amp;md5=7baa3146a3b261e950b9c09fc1cd94fb">https://www.scopus.com/inward/record.uri?eid=2-s2.0-84908507489&amp;doi=10.1016%2Fj.fgb.2014.05.006&amp;partnerID=40&amp;md5=7baa3146a3b261e950b9c09fc1cd94fb</a>
NIR techniques create added values for the pellet and biofuel industry	Lestander T.A., Johnsson B., Grothage M.	Bioresource Technology	10.1016/j.biortech.2008.08.001	<a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-56249121959&amp;doi=10.1016%2Fj.biortech.2008.08.001&amp;partnerID=40&amp;md5=c6ab0e3e074145c85a803369da4879bb">https://www.scopus.com/inward/record.uri?eid=2-s2.0-56249121959&amp;doi=10.1016%2Fj.biortech.2008.08.001&amp;partnerID=40&amp;md5=c6ab0e3e074145c85a803369da4879bb</a>
Five steps for managing Europe's forests: Support resilience and promote carbon storage, say Silvano Fares and colleagues	Fares S., Mugnozza S., Corona P., Palahí M.	Nature	10.1038/519407a	<a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-84931055553&amp;doi=10.1038%2F519407a&amp;partnerID=40&amp;md5=79ac9d4fc3b8822cfcdf7fd164e2859c5">https://www.scopus.com/inward/record.uri?eid=2-s2.0-84931055553&amp;doi=10.1038%2F519407a&amp;partnerID=40&amp;md5=79ac9d4fc3b8822cfcdf7fd164e2859c5</a>
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Production and energetic utilization of wood from short rotation coppice-a life cycle assessment	Roedel A.	International Journal of Life Cycle Assessment	10.1007/s11367-010-0195-0	<a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-77956488213&amp;doi=10.1007%2Fs11367-010-0195-0&amp;partnerID=40&amp;md5=962abf7b0449d76dcb8a0de118b4a3f3">https://www.scopus.com/inward/record.uri?eid=2-s2.0-77956488213&amp;doi=10.1007%2Fs11367-010-0195-0&amp;partnerID=40&amp;md5=962abf7b0449d76dcb8a0de118b4a3f3</a>
Optimal locations for second generation Fischer Tropsch biodiesel production in Finland	Natarajan K., Leduc S., Pelkonen P., Tomppo E., Dotzauer E.	Renewable Energy	10.1016/j.renene.2013.07.013	<a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-84881538039&amp;doi=10.1016%2Fj.renene.2013.07.013&amp;partnerID=40&amp;md5=ce1b6f7fc2ed677eb6143833c7417d66">https://www.scopus.com/inward/record.uri?eid=2-s2.0-84881538039&amp;doi=10.1016%2Fj.renene.2013.07.013&amp;partnerID=40&amp;md5=ce1b6f7fc2ed677eb6143833c7417d66</a>
Poplar genetic engineering: Promoting desirable wood characteristics and pest resistance	Polle A., Janz D., Teichmann T., Lipka V.	Applied Microbiology and Biotechnology	10.1007/s00253-013-4940-8	<a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-84879416313&amp;doi=10.1007%2Fs00253-013-4940-8&amp;partnerID=40&amp;md5=46342109422f83afb7336c8b7cf9964f">https://www.scopus.com/inward/record.uri?eid=2-s2.0-84879416313&amp;doi=10.1007%2Fs00253-013-4940-8&amp;partnerID=40&amp;md5=46342109422f83afb7336c8b7cf9964f</a>
Environmental impacts and costs of woody Biomass-to-Liquid (BTL) production and use - A review	Sunde K., Brekke A., Solberg B.	Forest Policy and Economics	10.1016/j.forpol.2011.05.008	<a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-80052089428&amp;doi=10.1016%2Fj.forpol.2011.05.008&amp;partnerID=40&amp;md5=e727e82adf16f6551456a5b4a92350cf">https://www.scopus.com/inward/record.uri?eid=2-s2.0-80052089428&amp;doi=10.1016%2Fj.forpol.2011.05.008&amp;partnerID=40&amp;md5=e727e82adf16f6551456a5b4a92350cf</a>
Review of consumption trends and public policies promoting woody biomass as an energy feedstock in the U.S.	Aguilar F.X., Song N., Shifley S.	Biomass and Bioenergy	10.1016/j.biombioe.2011.05.029	<a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-79960351575&amp;doi=10.1016%2Fj.biombioe.2011.05.029&amp;partnerID=40&amp;md5=d38e7b47b7a22ff76f26f474865ac765">https://www.scopus.com/inward/record.uri?eid=2-s2.0-79960351575&amp;doi=10.1016%2Fj.biombioe.2011.05.029&amp;partnerID=40&amp;md5=d38e7b47b7a22ff76f26f474865ac765</a>
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Exploring the production of bio-energy from wood biomass. Italian case study	González-García S., Bacenetti J.	Science of the Total Environment	10.1016/j.scitotenv.2018.07.295	<a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85050884066&amp;doi=10.1016%2Fj.scitotenv.2018.07.295&amp;partnerID=40&amp;md5=aa75a0b81e1b238991813944550963ba">https://www.scopus.com/inward/record.uri?eid=2-s2.0-85050884066&amp;doi=10.1016%2Fj.scitotenv.2018.07.295&amp;partnerID=40&amp;md5=aa75a0b81e1b238991813944550963ba</a>

## Review on research trends in biomass resources and biofuel potential: a bibliometric analysis (SUPPLEMENTARY DOCUMENT)

Confronting energy poverty behind the bamboo curtain: A review of challenges and solutions for Myanmar (Burma)	Sovacool B.K.	Energy for Sustainable Development	10.1016/j.esd.2013.03.010	<a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-84880586117&amp;doi=10.1016%2fj.esd.2013.03.010&amp;partnerID=40&amp;md5=e40ceb3e52e9b1380b49ffeb56f4620c">https://www.scopus.com/inward/record.uri?eid=2-s2.0-84880586117&amp;doi=10.1016%2fj.esd.2013.03.010&amp;partnerID=40&amp;md5=e40ceb3e52e9b1380b49ffeb56f4620c</a>
Towards optimizing wood development in bioenergy trees	Nieminen K., Robischon M., Immanen J., Helariutta Y.	New Phytologist	10.1111/j.1469-8137.2011.04011.x	<a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-84857398844&amp;doi=10.1111%2fj.1469-8137.2011.04011.x&amp;partnerID=40&amp;md5=0dee095aeedec738a047631cfe9bcd87">https://www.scopus.com/inward/record.uri?eid=2-s2.0-84857398844&amp;doi=10.1111%2fj.1469-8137.2011.04011.x&amp;partnerID=40&amp;md5=0dee095aeedec738a047631cfe9bcd87</a>
Harvesting alternatives, accumulation and procurement cost of small-diameter thinning wood for fuel in Central Finland	Laitila J., Heikkilä J., Anttila P.	Silva Fennica	10.14214/sf.143	<a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-77956946432&amp;doi=10.14214%2fsf.143&amp;partnerID=40&amp;md5=46b09caeebd0e43a8a851c35a41c90fe">https://www.scopus.com/inward/record.uri?eid=2-s2.0-77956946432&amp;doi=10.14214%2fsf.143&amp;partnerID=40&amp;md5=46b09caeebd0e43a8a851c35a41c90fe</a>
Performance evaluation of adding ethanol production into an existing combined heat and power plant	Starfelt F., Thorin E., Dotzauer E., Yan J.	Bioresource Technology	10.1016/j.biortech.2009.07.087	<a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-70349417698&amp;doi=10.1016%2fj.biortech.2009.07.087&amp;partnerID=40&amp;md5=8abf6a0b63213a9daa3ecba9d4d3def5">https://www.scopus.com/inward/record.uri?eid=2-s2.0-70349417698&amp;doi=10.1016%2fj.biortech.2009.07.087&amp;partnerID=40&amp;md5=8abf6a0b63213a9daa3ecba9d4d3def5</a>
A GH115 $\alpha$ -glucuronidase from <i>Schizophyllum commune</i> contributes to the synergistic enzymatic deconstruction of softwood glucuronarabinoxylan	McKee L.S., Sunner H., Anasontzis G.E., Toriz G., Gatenholm P., Bulone V., Vilaplana F., Olsson L.	Biotechnology for Biofuels	10.1186/s13068-015-0417-6	<a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-84954121323&amp;doi=10.1186%2fs13068-015-0417-6&amp;partnerID=40&amp;md5=6cb15e45ff0fb56252243eefe21276b">https://www.scopus.com/inward/record.uri?eid=2-s2.0-84954121323&amp;doi=10.1186%2fs13068-015-0417-6&amp;partnerID=40&amp;md5=6cb15e45ff0fb56252243eefe21276b</a>
Biomethanol production and CO <sub>2</sub> emission reduction from forage grasses, trees, and crop residues	Nakagawa H., Harada T., Ichinose T., Takeno K., Matsumoto S., Kobayashi M., Sakai M.	Japan Agricultural Research Quarterly	10.6090/jarq.41.173	<a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-34147156265&amp;doi=10.6090%2fjarq.41.173&amp;partnerID=40&amp;md5=9901ce894009ece185a712fcd6659c74">https://www.scopus.com/inward/record.uri?eid=2-s2.0-34147156265&amp;doi=10.6090%2fjarq.41.173&amp;partnerID=40&amp;md5=9901ce894009ece185a712fcd6659c74</a>
Indoor air pollution from solid fuel and tuberculosis: A systematic review and meta-analysis	Lin H.-H., Suk C.-W., Lo H.-L., Huang R.-Y., Enarson D.A., Chiang C.-Y.	International Journal of Tuberculosis and Lung Disease	10.5588/ijtld.13.0765	<a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-84899505033&amp;doi=10.5588%2fijtld.13.0765&amp;partnerID=40&amp;md5=86f6dd84c801e2772042d99d322c7a">https://www.scopus.com/inward/record.uri?eid=2-s2.0-84899505033&amp;doi=10.5588%2fijtld.13.0765&amp;partnerID=40&amp;md5=86f6dd84c801e2772042d99d322c7a</a>
Challenges of the utilization of wood polymers: How can they be overcome?	Pu Y., Kosa M., Kalluri U.C., Tuskan G.A., Ragauskas A.J.	Applied Microbiology and Biotechnology	10.1007/s00253-011-3350-z	<a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-80052636158&amp;doi=10.1007%2fs00253-011-3350-z&amp;partnerID=40&amp;md5=4771e325e39e48712e8caa3f00c15a65">https://www.scopus.com/inward/record.uri?eid=2-s2.0-80052636158&amp;doi=10.1007%2fs00253-011-3350-z&amp;partnerID=40&amp;md5=4771e325e39e48712e8caa3f00c15a65</a>
Maximizing the liquid fuel yield in a biorefining process	Zhang B., Von Keitz M., Valentas K.	Biotechnology and Bioengineering	10.1002/bit.21960	<a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-56449102741&amp;doi=10.1002%2fbit.21960&amp;partnerID=40&amp;md5=1e6179e770d4bdca5defa4122ad7678e">https://www.scopus.com/inward/record.uri?eid=2-s2.0-56449102741&amp;doi=10.1002%2fbit.21960&amp;partnerID=40&amp;md5=1e6179e770d4bdca5defa4122ad7678e</a>
Lignin modification improves the biofuel production potential in transgenic <i>Populus tomentosa</i>	Wang H., Xue Y., Chen Y., Li R., Wei J.	Industrial Crops and Products	10.1016/j.indcrop.2011.12.014	<a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-84855471952&amp;doi=10.1016%2fj.indcrop.2011.12.014&amp;partnerID=40&amp;md5=6386779e51b586e4c5157b55448b1788">https://www.scopus.com/inward/record.uri?eid=2-s2.0-84855471952&amp;doi=10.1016%2fj.indcrop.2011.12.014&amp;partnerID=40&amp;md5=6386779e51b586e4c5157b55448b1788</a>
Potentials for electricity production from wood in Ireland	Van den Broek R., Teeuwisse S., Healion K., Kent T., Van Wijk A., Faaij A., Turkenburg W.	Energy	10.1016/S0360-5442(01)00050-0	<a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-0035501479&amp;doi=10.1016%2fs0360-5442%2801%2900050-0&amp;partnerID=40&amp;md5=6df434e449af7f4c50cd2e432396f04f">https://www.scopus.com/inward/record.uri?eid=2-s2.0-0035501479&amp;doi=10.1016%2fs0360-5442%2801%2900050-0&amp;partnerID=40&amp;md5=6df434e449af7f4c50cd2e432396f04f</a>
Multiple industrial uses of non-wood pine products	Neis F.A., de Costa F., de Araújo A.T., Jr., Fett J.P., Fett-Neto A.G.	Industrial Crops and Products	10.1016/j.indcrop.2018.12.088	<a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85059230825&amp;doi=10.1016%2fj.indcrop.2018.12.088&amp;partnerID=40&amp;md5=410e33a44dafc55f43cd9bfd6eba48d0">https://www.scopus.com/inward/record.uri?eid=2-s2.0-85059230825&amp;doi=10.1016%2fj.indcrop.2018.12.088&amp;partnerID=40&amp;md5=410e33a44dafc55f43cd9bfd6eba48d0</a>
Opportunities and impediments to the expansion of forest bioenergy in Australia	Raison R.J.	Biomass and Bioenergy	10.1016/j.biombioe.2005.12.012	<a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-33750712417&amp;doi=10.1016%2fj.biombioe.2005.12.012&amp;partnerID=40&amp;md5=36129afce0fd4ab750a871ea92c16029">https://www.scopus.com/inward/record.uri?eid=2-s2.0-33750712417&amp;doi=10.1016%2fj.biombioe.2005.12.012&amp;partnerID=40&amp;md5=36129afce0fd4ab750a871ea92c16029</a>
Optimal use of biomass in large-scale energy systems: Insights for energy policy	Codina Gironès V., Moret S., Peduzzi E., Nasato M., Maréchal F.	Energy	10.1016/j.energy.2017.05.027	<a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85020393064&amp;doi=10.1016%2fj.energy.2017.05.027&amp;partnerID=40&amp;md5=d8567e2e3a282cc338e20bdceff117e40">https://www.scopus.com/inward/record.uri?eid=2-s2.0-85020393064&amp;doi=10.1016%2fj.energy.2017.05.027&amp;partnerID=40&amp;md5=d8567e2e3a282cc338e20bdceff117e40</a>
Preference and consumption pattern of biomass fuel in some disregarded villages of Bangladesh	Jashimuddin M., Masum K.M., Salam M.A.	Biomass and Bioenergy	10.1016/j.biombioe.2005.11.023	<a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-33645972290&amp;doi=10.1016%2fj.biombioe.2005.11.023&amp;partnerID=40&amp;md5=4a462cfe3e892d1b0fc070d9c399bb5">https://www.scopus.com/inward/record.uri?eid=2-s2.0-33645972290&amp;doi=10.1016%2fj.biombioe.2005.11.023&amp;partnerID=40&amp;md5=4a462cfe3e892d1b0fc070d9c399bb5</a>
Analysis, pretreatment and enzymatic saccharification of different fractions of Scots pine	Normark M., Winstrand S., Lestander T.A., Jönsson L.J.	BMC Biotechnology	10.1186/1472-6750-14-20	<a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-84898867964&amp;doi=10.1186%2f1472-6750-14-20&amp;partnerID=40&amp;md5=c5415ac916c92e8d92e932e9194e9a0b">https://www.scopus.com/inward/record.uri?eid=2-s2.0-84898867964&amp;doi=10.1186%2f1472-6750-14-20&amp;partnerID=40&amp;md5=c5415ac916c92e8d92e932e9194e9a0b</a>

## Antwi

Synergistic hydrolysis of xylan using novel xylanases, $\beta$ -xylosidases, and an $\alpha$ -l-arabinofuranosidase from <i>Geobacillus thermodenitrificans</i> NG80-2	Huang D., Liu J., Qi Y., Yang K., Xu Y., Feng L.	Applied Microbiology and Biotechnology	10.1007/s00253-017-8341-2	<a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85020719018&amp;doi=10.1007%2fs00253-017-8341-2&amp;partnerID=40&amp;md5=8053551e4669a50acd4a8c6d4ee918d1">https://www.scopus.com/inward/record.uri?eid=2-s2.0-85020719018&amp;doi=10.1007%2fs00253-017-8341-2&amp;partnerID=40&amp;md5=8053551e4669a50acd4a8c6d4ee918d1</a>
A review of the Nigerian biofuel policy and incentives (2007)	Ohimain E.I.	Renewable and Sustainable Energy Reviews	10.1016/j.rser.2013.01.037	<a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-84874910087&amp;doi=10.1016%2fj.rser.2013.01.037&amp;partnerID=40&amp;md5=dec52679d17acd66c2bd7828298f52dd">https://www.scopus.com/inward/record.uri?eid=2-s2.0-84874910087&amp;doi=10.1016%2fj.rser.2013.01.037&amp;partnerID=40&amp;md5=dec52679d17acd66c2bd7828298f52dd</a>
An overview on biofuels and their advantages and disadvantages	Datta A., Hossain A., Roy S.	Asian Journal of Chemistry	10.14233/ajchem.2019.22098	<a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85068894300&amp;doi=10.14233%2fajchem.2019.22098&amp;partnerID=40&amp;md5=7effafc34cb7f97c64195edf77bca961">https://www.scopus.com/inward/record.uri?eid=2-s2.0-85068894300&amp;doi=10.14233%2fajchem.2019.22098&amp;partnerID=40&amp;md5=7effafc34cb7f97c64195edf77bca961</a>
Robust multi-objective optimization of gasifier and solid oxide fuel cell plant for electricity production using wood	Sharma S., Celebi A.D., Maréchal F.	Energy	10.1016/j.energy.2017.04.146	<a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85020464139&amp;doi=10.1016%2fj.energy.2017.04.146&amp;partnerID=40&amp;md5=c9b9665abf53094214642cb8d712f58b">https://www.scopus.com/inward/record.uri?eid=2-s2.0-85020464139&amp;doi=10.1016%2fj.energy.2017.04.146&amp;partnerID=40&amp;md5=c9b9665abf53094214642cb8d712f58b</a>
Towards improving the sustainability of bioplastics: Process modelling and life cycle assessment of two separation routes for 2,5-furandicarboxylic acid	Bello S., Méndez-Trelles P., Rodil E., Feijoo G., Moreira M.T.	Separation and Purification Technology	10.1016/j.seppur.2019.116056	<a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85072209538&amp;doi=10.1016%2fj.seppur.2019.116056&amp;partnerID=40&amp;md5=d4be87e52d0ee8846acd9bf9c81f622b">https://www.scopus.com/inward/record.uri?eid=2-s2.0-85072209538&amp;doi=10.1016%2fj.seppur.2019.116056&amp;partnerID=40&amp;md5=d4be87e52d0ee8846acd9bf9c81f622b</a>
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Biomass CFB gasifier connected to a 350 MW(TH) steam boiler fired with coal and	Nieminen J., Kivela M.	Biomass and Bioenergy	10.1016/S0961-9534(98)00022-1	<a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-0031694547&amp;doi=10.1016%2fS0961-9534%2898%2900022-1&amp;partnerID=40&amp;md5=9f171d75a6040de6cb68a04031ae3782">https://www.scopus.com/inward/record.uri?eid=2-s2.0-0031694547&amp;doi=10.1016%2fS0961-9534%2898%2900022-1&amp;partnerID=40&amp;md5=9f171d75a6040de6cb68a04031ae3782</a>



## Review on research trends in biomass resources and biofuel potential: a bibliometric analysis (SUPPLEMENTARY DOCUMENT)

natural gas - Thermic demonstration project in lahti in Finland				
Enviro-exergy sustainability analysis of boiler evolution in district energy system	Compton M., Rezaie B.	Energy	10.1016/j.energy.2016.11.139	<a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85008173344&amp;doi=10.1016%2fj.energy.2016.11.139&amp;partnerID=40&amp;md5=ff1053b253c216364ef0794fb6016f28">https://www.scopus.com/inward/record.uri?eid=2-s2.0-85008173344&amp;doi=10.1016%2fj.energy.2016.11.139&amp;partnerID=40&amp;md5=ff1053b253c216364ef0794fb6016f28</a>
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Does smoke from biomass fuel contribute to Anemia in pregnant women in Nagpur, India? A cross-sectional study	Page C.M., Patel A., Hibberd P.L.	PLoS ONE	10.1371/journal.pone.0127890	<a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-84934953772&amp;doi=10.1371%2fjournal.pone.0127890&amp;partnerID=40&amp;md5=66eeec5652a68f26cf3411182f0be2f5">https://www.scopus.com/inward/record.uri?eid=2-s2.0-84934953772&amp;doi=10.1371%2fjournal.pone.0127890&amp;partnerID=40&amp;md5=66eeec5652a68f26cf3411182f0be2f5</a>
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Cost and CO <sub>2</sub> reduction of biomass co-firing using waste wood biomass in Tohoku region, Japan	Furubayashi T., Nakata T.	Journal of Cleaner Production	10.1016/j.jclepro.2017.11.041	<a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85038884345&amp;doi=10.1016%2fj.jclepro.2017.11.041&amp;partnerID=40&amp;md5=a96e182d4692ff4686643020348b3ccd">https://www.scopus.com/inward/record.uri?eid=2-s2.0-85038884345&amp;doi=10.1016%2fj.jclepro.2017.11.041&amp;partnerID=40&amp;md5=a96e182d4692ff4686643020348b3ccd</a>
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## Review on research trends in biomass resources and biofuel potential: a bibliometric analysis (SUPPLEMENTARY DOCUMENT)

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## Review on research trends in biomass resources and biofuel potential: a bibliometric analysis (SUPPLEMENTARY DOCUMENT)

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## Review on research trends in biomass resources and biofuel potential: a bibliometric analysis (SUPPLEMENTARY DOCUMENT)

	J.A., Passoth V., Sandgren M., Schnürer A., Shi A., Terziev N., Daniel G., Weih M.			
Biomimetic co-culture of rumen fungi and <i>Saccharomyces cerevisiae</i> to improve ethanol production from straw fermentation [瘤胃真菌与酿酒酵母仿生共培养提升秸秆发酵产乙醇量]	Kou M., Hou Z., Fang Y., Zhang X., Tian A., Yang M., Tong J., Ma Y., Ren L.	Nongye Gongcheng Xuebao/Transactions of the Chinese Society of Agricultural Engineering	10.11975/j.issn.1002-6819.2022.05.025	<a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85131902135&amp;doi=10.11975%2fj.issn.1002-6819.2022.05.025&amp;partnerID=40&amp;md5=ddb572de43296cbc0d1192bb06e0e21">https://www.scopus.com/inward/record.uri?eid=2-s2.0-85131902135&amp;doi=10.11975%2fj.issn.1002-6819.2022.05.025&amp;partnerID=40&amp;md5=ddb572de43296cbc0d1192bb06e0e21</a>
Biomass from trees for bioenergy and biofuels – A briefing paper	Sahoo G., Sharma A., Chandra Dash A.	Materials Today: Proceedings	10.1016/j.matpr.2022.02.639	<a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85127175684&amp;doi=10.1016%2fj.matpr.2022.02.639&amp;partnerID=40&amp;md5=6dd08409ad27283e19bdd01899fd5d8b">https://www.scopus.com/inward/record.uri?eid=2-s2.0-85127175684&amp;doi=10.1016%2fj.matpr.2022.02.639&amp;partnerID=40&amp;md5=6dd08409ad27283e19bdd01899fd5d8b</a>
Prediction for total moisture content in wood pellets by near Infrared Spectroscopy (NIRS) [Predicción del contenido en humedad total en pelets de madera mediante near Infrared Spectroscopy (NIRS)]	Sánchez-Gatón M.-A., Campos M.-I., Segovia J.-J.	Dyna (Spain)	10.6036/9935	<a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85106240118&amp;doi=10.6036%2f9935&amp;partnerID=40&amp;md5=628fb148270531ac2e78beb125b8f65">https://www.scopus.com/inward/record.uri?eid=2-s2.0-85106240118&amp;doi=10.6036%2f9935&amp;partnerID=40&amp;md5=628fb148270531ac2e78beb125b8f65</a>
Preliminary studies of fuel briquettes from wood waste	Caban J., Jandacka J., Nieoczym A., Holubcik M., Vrbel J.	Engineering for Rural Development	10.22616/ERDev.2021.20.TF293	<a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85112790279&amp;doi=10.22616%2fERDev.2021.20.TF293&amp;partnerID=40&amp;md5=38014ff8f4c07deb0f2270086d699da8">https://www.scopus.com/inward/record.uri?eid=2-s2.0-85112790279&amp;doi=10.22616%2fERDev.2021.20.TF293&amp;partnerID=40&amp;md5=38014ff8f4c07deb0f2270086d699da8</a>
28th European Biomass Conference and Exhibition, e-EUBCE 2020	[No author name available]	European Biomass Conference and Exhibition Proceedings		<a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85141107726&amp;partnerID=40&amp;md5=c5ce18bb5cf590194bdd290fdeba086a">https://www.scopus.com/inward/record.uri?eid=2-s2.0-85141107726&amp;partnerID=40&amp;md5=c5ce18bb5cf590194bdd290fdeba086a</a>
Application of transgenic technologies in biofuel production through photosynthetic chassis-new paradigms from gene mining to genome editing	Shaikh K.M., Mariam I., Nesamma A.A., Abdin M.Z., Jutur P.P.	Transgenic Technology Based Value Addition in Plant Biotechnology	10.1016/B978-0-12-818632-9.00010-1	<a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85124929226&amp;doi=10.1016%2fB978-0-12-818632-9.00010-1&amp;partnerID=40&amp;md5=1e85f81efc8cbbc176d503f7c0c403d">https://www.scopus.com/inward/record.uri?eid=2-s2.0-85124929226&amp;doi=10.1016%2fB978-0-12-818632-9.00010-1&amp;partnerID=40&amp;md5=1e85f81efc8cbbc176d503f7c0c403d</a>
Prediction model for ash content in wood pellets using NIRS technology	Sánchez-Gatón M.A., Campos M.I., Martín M.C., Segovia J.J.	ECOS 2020 - Proceedings of the 33rd International Conference on Efficiency, Cost, Optimization, Simulation and Environmental Impact of Energy Systems		<a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85095728751&amp;partnerID=40&amp;md5=44e7d8f686e67deb281f158f5b142f85">https://www.scopus.com/inward/record.uri?eid=2-s2.0-85095728751&amp;partnerID=40&amp;md5=44e7d8f686e67deb281f158f5b142f85</a>
Researches regarding evaluation of energy consumption for manufacturing of pellets from vine pruning residues	Tenu I., Rosca R., Carlescu P., Roman C., Senila L.R., Arsenoia V., Emanuil D., Marius B., Corduneanu O.-R.	Engineering for Rural Development	10.22616/ERDev2020.19.TF013	<a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85088481578&amp;doi=10.22616%2fERDev2020.19.TF013&amp;partnerID=40&amp;md5=2a665663a3a6e95766cc25094e4b7728">https://www.scopus.com/inward/record.uri?eid=2-s2.0-85088481578&amp;doi=10.22616%2fERDev2020.19.TF013&amp;partnerID=40&amp;md5=2a665663a3a6e95766cc25094e4b7728</a>
Biorefineries - A sustainable approach of utilizing brewers' spent grains	Weiermüller J., Akermann A., Ulber R.	DGMK Tagungsbericht		<a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85079631169&amp;partnerID=40&amp;md5=c30a677d32553a0bc180bc4c16c95f69">https://www.scopus.com/inward/record.uri?eid=2-s2.0-85079631169&amp;partnerID=40&amp;md5=c30a677d32553a0bc180bc4c16c95f69</a>
Analysis of composite biomass fuels properties	Čubars E., Poiša L.	Vide. Tehnologija. Resursi - Environment, Technology, Resources	10.17770/etr2019vol1.4043	<a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85073033071&amp;doi=10.17770%2fettr2019vol1.4043&amp;partnerID=40&amp;md5=0737808aa92602457a4729439671cf9f">https://www.scopus.com/inward/record.uri?eid=2-s2.0-85073033071&amp;doi=10.17770%2fettr2019vol1.4043&amp;partnerID=40&amp;md5=0737808aa92602457a4729439671cf9f</a>
To the question about the efficiency using of boiler plants on the chipwood	Derbin M., Seryodkina V., Shchepelina J., Sedakov E.	International Multidisciplinary Scientific GeoConference Surveying Geology and Mining Ecology Management, SGEM	10.5593/sgem2018/3.2/S14.130	<a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85058873353&amp;doi=10.5593%2fsgem2018%2f3.2%2fS14.130&amp;partnerID=40&amp;md5=e102272b6002a54376022b6718f05c97">https://www.scopus.com/inward/record.uri?eid=2-s2.0-85058873353&amp;doi=10.5593%2fsgem2018%2f3.2%2fS14.130&amp;partnerID=40&amp;md5=e102272b6002a54376022b6718f05c97</a>
Identification of potential sites for biomass resources using remote sensing and geographical information system- A Review	Aedla R., Basha R.H., Torii S.	International Journal of Earth Sciences and Engineering		<a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-84986209127&amp;partnerID=40&amp;md5=d9adce9feaabd4fb0673ae9a82b5b7b80">https://www.scopus.com/inward/record.uri?eid=2-s2.0-84986209127&amp;partnerID=40&amp;md5=d9adce9feaabd4fb0673ae9a82b5b7b80</a>

Process systems engineering approach to biofuel plant design	Martín M., Grossmann I.E.	Biomass and Biofuels: Advanced Biorefineries for Sustainable Production and Distribution	10.1201/b18398	<a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-84953992849&amp;doi=10.1201%2fb18398&amp;partnerID=40&amp;md5=1506090278751d2ca9a8b404b1e865">https://www.scopus.com/inward/record.uri?eid=2-s2.0-84953992849&amp;doi=10.1201%2fb18398&amp;partnerID=40&amp;md5=1506090278751d2ca9a8b404b1e865</a>
Analysis of the chemical constituents of kiln-dry condensate and its technological recovery - Part 2: Semi-volatile and volatile extractives	Stratev D., Hansmann C., Rathke J.	BioResources	10.15376/biores.10.2.3337-3346	<a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-84940875532&amp;doi=10.15376%2fbiores.10.2.3337-3346&amp;partnerID=40&amp;md5=d00d1e470f674b58c3807bc879460dc7">https://www.scopus.com/inward/record.uri?eid=2-s2.0-84940875532&amp;doi=10.15376%2fbiores.10.2.3337-3346&amp;partnerID=40&amp;md5=d00d1e470f674b58c3807bc879460dc7</a>
Would consumers be willing to buy woody biomass energy products of transgenic origin?	Tsourgianis L., Kazana V., Karasavoglou A., Vettori C., Fladung M., Sijacic-Nikolic M., Ionita L.	Contributions to Economics	10.1007/978-3-319-10133-0-11	<a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-84921381708&amp;doi=10.1007%2f978-3-319-10133-0-11&amp;partnerID=40&amp;md5=f6879aa5fc18f98ad4bb8a9d326b83b">https://www.scopus.com/inward/record.uri?eid=2-s2.0-84921381708&amp;doi=10.1007%2f978-3-319-10133-0-11&amp;partnerID=40&amp;md5=f6879aa5fc18f98ad4bb8a9d326b83b</a>
Ligning and ash content correlations in grass biomass pellets	Platace R., Adamovics A.	International Multidisciplinary Scientific GeoConference Surveying Geology and Mining Ecology Management, SGEM	10.1115/GT2013-95844	<a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-84946744710&amp;partnerID=40&amp;md5=50c40fbb810c408e2208947cae9f08e0">https://www.scopus.com/inward/record.uri?eid=2-s2.0-84946744710&amp;partnerID=40&amp;md5=50c40fbb810c408e2208947cae9f08e0</a>
Optimization of a sawmill-based polygeneration plant	Salomón M., Gómez M.F., Spelling J., Martin A.	Proceedings of the ASME Turbo Expo	10.1115/GT2013-95844	<a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-84890179727&amp;doi=10.1115%2fGT2013-95844&amp;partnerID=40&amp;md5=e470628213a184c2cef0190092dcd95a">https://www.scopus.com/inward/record.uri?eid=2-s2.0-84890179727&amp;doi=10.1115%2fGT2013-95844&amp;partnerID=40&amp;md5=e470628213a184c2cef0190092dcd95a</a>
Insight on biomass supply and feedstock definition for Fischer-Tropsch based BTL processes [Aperçu sur l'approvisionnement en biomasse et la caractérisation des charges pour les procédés de synthèse de biocarburants par voie BTL]	Coignac J.	Oil and Gas Science and Technology		<a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-84888167207&amp;partnerID=40&amp;md5=97b7463c5045063b8b7c289598f184ba">https://www.scopus.com/inward/record.uri?eid=2-s2.0-84888167207&amp;partnerID=40&amp;md5=97b7463c5045063b8b7c289598f184ba</a>
Biomass based integrated power and cooling systems	Srinivas T., Reddy B.V.	Recycling and Reuse of Materials and Their Products		<a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85054623356&amp;partnerID=40&amp;md5=5e38058ca102f3bd99d23532592e15af">https://www.scopus.com/inward/record.uri?eid=2-s2.0-85054623356&amp;partnerID=40&amp;md5=5e38058ca102f3bd99d23532592e15af</a>
Biofuels, foods, livestock, and the environment	Pimentel D.	Global Economic and Environmental Aspects of Biofuels	10.1201/b11836	<a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85055369954&amp;doi=10.1201%2fb11836&amp;partnerID=40&amp;md5=505d80247c2461c8e32d6aacd68b7a33">https://www.scopus.com/inward/record.uri?eid=2-s2.0-85055369954&amp;doi=10.1201%2fb11836&amp;partnerID=40&amp;md5=505d80247c2461c8e32d6aacd68b7a33</a>
Biomass	[No author name available]	Green Energy and Technology	10.1007/978-3-642-20951-2_10	<a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-84884241520&amp;doi=10.1007%2f978-3-642-20951-2_10&amp;partnerID=40&amp;md5=5f7373da210466824ce14aca7af2432c">https://www.scopus.com/inward/record.uri?eid=2-s2.0-84884241520&amp;doi=10.1007%2f978-3-642-20951-2_10&amp;partnerID=40&amp;md5=5f7373da210466824ce14aca7af2432c</a>
New biofuels industry: Biomass availability and supply chain	Parrish D.J.	Applied Biochemistry and Biotechnology	10.1007/s12010-009-8612-1	<a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-69449099668&amp;doi=10.1007%2fs12010-009-8612-1&amp;partnerID=40&amp;md5=e4cc80d9358dd30b1d0da2b14b268628">https://www.scopus.com/inward/record.uri?eid=2-s2.0-69449099668&amp;doi=10.1007%2fs12010-009-8612-1&amp;partnerID=40&amp;md5=e4cc80d9358dd30b1d0da2b14b268628</a>
Biofuels, solar and wind as renewable energy systems: Benefits and risks	Pimentel D.	Biofuels, Solar and Wind as Renewable Energy Systems: Benefits and Risks	10.1007/978-1-4020-8654-0	<a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-84886006577&amp;doi=10.1007%2f978-1-4020-8654-0&amp;partnerID=40&amp;md5=1614e09a2d842958fcac4ff5ace5d34a">https://www.scopus.com/inward/record.uri?eid=2-s2.0-84886006577&amp;doi=10.1007%2f978-1-4020-8654-0&amp;partnerID=40&amp;md5=1614e09a2d842958fcac4ff5ace5d34a</a>
Renewable fuels for thermal gasification of biomass	Sivakumar S., Natarajan E.	Asian Journal of Microbiology, Biotechnology and Environmental Sciences		<a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-46649117876&amp;partnerID=40&amp;md5=525997c8410d279b0cc291ba63d53b9b">https://www.scopus.com/inward/record.uri?eid=2-s2.0-46649117876&amp;partnerID=40&amp;md5=525997c8410d279b0cc291ba63d53b9b</a>
Burning desire for power	Blackaby N.	PEI Power Engineering International		<a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-17244371975&amp;partnerID=40&amp;md5=a94373248a427bfceb763e121b0cea1b">https://www.scopus.com/inward/record.uri?eid=2-s2.0-17244371975&amp;partnerID=40&amp;md5=a94373248a427bfceb763e121b0cea1b</a>



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Freeing the bio-energy log jam	Millar M., Osborne M.	Energy World		<a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-2142708728&amp;partnerID=40&amp;md5=b34dcf426c289b484429a16e95419df5">https://www.scopus.com/inward/record.uri?eid=2-s2.0-2142708728&amp;partnerID=40&amp;md5=b34dcf426c289b484429a16e95419df5</a>
Proceedings of the 1998 World Renewable Energy Congress V. Part 2 (of 2)	[No author name available]	Renewable energy	10.1016/S0960-1481(98)00236-5	<a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-0032795117&amp;doi=10.1016%2fS0960-1481%2898%2900236-5&amp;partnerID=40&amp;md5=424281704f531e574871d004eb094e0d">https://www.scopus.com/inward/record.uri?eid=2-s2.0-0032795117&amp;doi=10.1016%2fS0960-1481%2898%2900236-5&amp;partnerID=40&amp;md5=424281704f531e574871d004eb094e0d</a>
Proceedings of the Seminar on Power Production from Biomass	[No author name available]	Bioresource Technology		<a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-0027848096&amp;partnerID=40&amp;md5=30fbed87ace9c52d7e8c18cfd06eece8">https://www.scopus.com/inward/record.uri?eid=2-s2.0-0027848096&amp;partnerID=40&amp;md5=30fbed87ace9c52d7e8c18cfd06eece8</a>
Nassjo wood-fired 56-MW power plant. A case history	Lindholm Karl Henrik	Symposium Papers - Energy from Biomass and Wastes		<a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-0026386431&amp;partnerID=40&amp;md5=6370271ba090aa5ed7241353100e82fc">https://www.scopus.com/inward/record.uri?eid=2-s2.0-0026386431&amp;partnerID=40&amp;md5=6370271ba090aa5ed7241353100e82fc</a>
Biofuels and municipal solid waste: An overview of the DOE program	Walter D.K., Wallace C.J.	Proceedings of the Intersociety Energy Conversion Engineering Conference		<a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-0024897061&amp;partnerID=40&amp;md5=a53cd2882be2b41c99d191cb3b45e6d5">https://www.scopus.com/inward/record.uri?eid=2-s2.0-0024897061&amp;partnerID=40&amp;md5=a53cd2882be2b41c99d191cb3b45e6d5</a>