

### **Bioenergy yields from sequential bioethanol and biomethane production: An optimized process flow**

Rocha-Meneses, Lisandra; **Otor, Oghenetejiri Frances**; Bonturi, Nemailla; Orupõld, Kaja; Kikas, Timo Sustainability 2020 / art. 272 <https://doi.org/10.3390/su12010272> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Cultivation of Algae Polyculture in Municipal Wastewater with CO2 Supply**

Podkuiko, Lara; **Kasemets, Mari-Liis**; Kikas, Timo; Lips, Inga Environmental and Climate Technologies 2020 / p. 188-200 <https://doi.org/10.2478/rtuect-2020-0096>

### **Efficient lignin fractionation from Scots pine (Pinus sylvestris) using ammonium-based protic ionic liquid : process optimization and characterization of recovered lignin**

Khan, Sharib; Rauber, Daniel; Shanmugam, Sabarathinam; Kay, Christopher W. M.; **Konist, Alar**; Kikas, Timo Polymers 2022 / art. 4637, 13 p. : ill <https://doi.org/10.3390/polym14214637> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Enzymatic conversion of hydrolysis lignin - a potential biorefinery approach**

Khan, Sharib; Puss, Kait Kaarel; **Lukk, Tiit**; Loog, Mart; Kikas, Timo; Salmar, Siim Energies 2023 / art. 370, 13 p. : ill <https://doi.org/10.3390/en16010370>

### **Growth of Scenedesmus obliquus under artificial flue gas with a high sulphur concentration neutralized with oil shale ash**

**Podkuiko, Lara**; Olt, Jüri; Kikas, Timo Proceedings of the Estonian Academy of Sciences 2017 / p. 151-158 : ill <https://doi.org/10.3176/proc.2017.2.03> [http://www.ester.ee/record=b2355998\\*est](http://www.ester.ee/record=b2355998*est)

### **Pretreatment and usage of pulp and paper industry residues for fuels production and their energetic potential**

Menind, Andres; Oper, Liis; Hovi, Mart; **Kers, Jaan**; Tutt, Marti; Kikas, Timo Agronomy research 2012 / p. 149-155 : ill <https://agronomy.emu.ee/vol10Spec1/p10s116.pdf>

### **The potential of sequential bioethanol and biomethane production from Nigerian Napier grass: an optimized process flow**

**Otor, Oghenetejiri Frances**; Rocha-Meneses, Lisandra; Kikas, Timo 11th International Conference Biosystems Engineering : May 6-8, 2020 in Tartu, Estonia : book of abstracts 2020 / p. 40 [https://www.ester.ee/record=b5347289\\*est](https://www.ester.ee/record=b5347289*est)