

### **Advances in nanomaterials induced biohydrogen production using waste biomass**

Srivastava, Neha; Srivastava, Manish; Mishra, Pradeep Kumar; Kausar, Mohd Adnan; Saeed, Mohd; **Gupta, Vijai Kumar**; Singh, Rajeev; Ramteke, Pramod Wasudeo Bioresource Technology 2020 / art. 123094 <https://doi.org/10.1016/j.biortech.2020.123094> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **An optimized capillary electrophoresis method for the simultaneous analysis of biomass degradation products in ionic liquid containing samples**

**Aid, Tiina; Vaher, Merike** 20th International Scientific Conference EcoBalt 2016 : Tartu, Estonia, October 9-12 : book of abstracts 2016 / p. 91 : ill [http://akki.ut.ee/wp-content/uploads/2015/01/Abstracts\\_Book\\_EcoBalt\\_2016.pdf](http://akki.ut.ee/wp-content/uploads/2015/01/Abstracts_Book_EcoBalt_2016.pdf)

### **Anthropogenic impact on a seacoast landscape during the last 1300 years in central Latvia, Northeastern Europe**

**Stivriņš, Normunds**; Doniņa, Inga; Auns, Muntis; **Blaus, Ansis**; **Liiv, Merlin**; Steinberga, Dace; Jasiunas, Nauris; Grudzinska, Ieva Geoarchaeology 2023 / p. 466-481 : ill <https://doi.org/10.1002/gea.21961> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Ash melting behaviour of wheat straw blends with wood and reed**

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### **Atmospheric fluidized bed gasification of untreated and leached olive residue, and co-gasification of olive residue, reed, pine pellets and Douglas fir wood chips**

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**Usmani, Zeba**; Sharma, Minaxi; Awasthi, Abhishek Kumar; Sivakumar, Nallusamy; **Lukk, Tiit** Bioresource technology 2021 / art. 124548, 12 p. : ill <https://doi.org/10.1016/j.biortech.2020.124548> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Bioprospecting microalgae from natural algal bloom for sustainable biomass and biodiesel production**

Pandey, Manish K.; Dasgupta, Chitralekha Nag; Mishra, Shashank; Srivastava, Manish; **Gupta, Vijai Kumar**; Suseela, M.R.; Ramteke, Pramod Wasudeo Applied Microbiology and Biotechnology 2019 / p. 5447 - 5458 <https://doi.org/10.1007/s00253-019-09856-2> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Calculations of activation energy and frequency factors for corn leaves pyrolysis using excel solver: new concept**

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### **Capillary electrophoretic monitoring of hydrothermal pre-treatment and enzymatic hydrolysis of willow : comparison with HPLC and NMR**

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### **Characterization of organosolv lignins and their application in the preparation of aerogels**

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### **Co-gasification of biomass and oil shale under CO2 atmosphere : comparative analysis of fixed-bed reactor, gas chromatography and thermogravimetric analysis coupled with mass spectroscopy (TGA-MS)**

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### **Decarbonization strategies of Helsinki metropolitan area district heat companies**

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### **Factors affecting the improvement of district heating. Case studies of Estonia and Serbia**

**Rušelj, Pavel; Volkova, Anna**; Lukic, Nebojša; **Lepiksaar, Kertu**; Nikolic, Novak; Nešovic, Aleksandar; **Siirde, Andres**

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### **Full-scale tests on the co-firing of peat and oil shale in an oil shale fired circulating fluidized bed boiler**

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### **Sugars and sugar derivatives in ionic liquid media obtained from lignocellulosic biomass: Comparison of capillary electrophoresis and chromatographic analysis**

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