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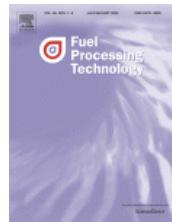
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Khan, A.A.; de Jong, W.; Jansens, P.J.; Spleithoff, H.**2. Biodiesel processing and production***Fuel Processing Technology, Volume 86, Issue 10, June 2005, Pages 1097-1107*
Gerpen, J.V.

Cited by Scopus (155)

**3. Utilization of macro-algae for enhanced CO₂ fixation and biofuels production: Development of a computing software for an LCA study***Fuel Processing Technology, Volume 86, Issue 14-15, October 2005, Pages 1679-1693*
Aresta, M.; Dibenedetto, A.; Barberio, G.

Cited by Scopus (7)

**4. Production of biodiesel from palm oil (*Elaeis guineensis*) using heterogeneous catalyst: An optimized process***Fuel Processing Technology*
Hameed, B.H.; Lai, L.F.; Chin, L.H.**5. An overview of hydrogen production from biomass***Fuel Processing Technology, Volume 87, Issue 5, May 2006, Pages 461-472*
Ni, M.; Leung, D.Y.C.; Leung, M.K.H.; Sumathy, K.

Cited by Scopus (72)

**6. Transesterification of soybean frying oil to biodiesel using heterogeneous catalysts***Fuel Processing Technology*
Georgogianni, K.G.; Katsoulidis, A.P.; Pomonis, P.J.; Kontominas, M.G.**7. Fischer-Tropsch synthesis over carbon nanotubes supported cobalt catalysts in a fixed bed reactor: Influence of acid treatment***Fuel Processing Technology, Volume 90, Issue 3, March 2009, Pages 367-374*
Trepanier, M.; Tavasoli, A.; Dalai, A.K.; Abatzoglou, N.**8. Combustion properties of biomass***Fuel Processing Technology, Volume 54, Issue 1-3, March 1998, Pages 17-46*
Jenkins, B.M.; Baxter, L.L.; Miles, T.R.

Cited by Scopus (158)

**9. Synthesis gas production using steam hydrogasification and steam reforming***Fuel Processing Technology, Volume 90, Issue 2, February 2009, Pages 330-336*
Raju, A.S.K.; Park, C.S.; Norbeck, J.M.**10. Biodiesel CO₂ emissions: A comparison with the main fuels in the Brazilian market***Fuel Processing Technology, Volume 90, Issue 2, February 2009, Pages 204-211*
Coronado, C.R.; de Carvalho, J.A.; Silveira, J.L.**11. Pretreatment and feeding of biomass for pressurized entrained flow gasification • Review article***Fuel Processing Technology*
Svoboda, K.; Pohorely, M.; Hartman, M.; Martinec, J.**12. Progress in carbon dioxide capture and separation research for gasification-based power generation point sources***Fuel Processing Technology, Volume 89, Issue 9, September 2008, Pages 897-907*
Penline, H.W.; Luebke, D.R.; Jones, K.L.; Myers, C.R.; Morsi, B.I.; Heintz, Y.J.; Ikonich, J.B.

Cited by Scopus (2)

**13. Refining of biodiesel by ceramic membrane separation***Fuel Processing Technology, Volume 90, Issue 3, March 2009, Pages 422-427*
Wang, Y.; Wang, X.; Liu, Y.; Ou, S.; Tan, Y.; Tang, S.**14. Dependence of biodiesel fuel properties on the structure of fatty acid alkyl esters***Fuel Processing Technology, Volume 86, Issue 10, June 2005, Pages 1059-1070*
Knothe, G.

Cited by Scopus (96)

**15. Review of literature on catalysts for biomass gasification • Review article***Fuel Processing Technology, Volume 73, Issue 3, November 2001, Pages 155-173*
Sutton, D.; Kelleher, B.; Ross, J.R.H.

Cited by Scopus (147)

**16. Optimization of the production of biodiesel from soybean oil by ultrasound assisted methanolysis***Fuel Processing Technology, Volume 90, Issue 2, February 2009, Pages 312-316*
Santos, F.F.P.; Rodrigues, S.; Fernandes, F.A.N.

Cited by Scopus (2)

**17. Syngas production for gas-to-liquids applications: technologies, issues and outlook***Fuel Processing Technology, Volume 71, Issue 1-3, June 2001, Pages 139-148*
Wilhelm, D.J.; Simbeck, D.R.; Karp, A.D.; Dickenson, R.L.

Cited by Scopus (93)



18.



Transesterification of edible and non-edible oils over basic solid Mg/Zr catalysts
Fuel Processing Technology, Volume 90, Issue 1, January 2009, Pages 152-157

Sree, R.; Seshu Babu, N.; Sai Prasad, P.S.; Lingalaih, N.



- 19. Fuel properties of biodiesel produced from the crude fish oil from the soapstock of marine fish**
Fuel Processing Technology, Volume 90, Issue 1, January 2009, Pages 130-136

Lin, C.Y.; Li, R.J.



- 20. A Transesterification Double Step Process - TDSP for biodiesel preparation from fatty acids triglycerides**
Fuel Processing Technology

Samios, D.; Pedrotti, F.; Nicolau, A.; Reiznault, Q.B.; Martini, D.D.; Dalcin, F.M.



- 21. Chemical desulfurization of petroleum fractions for ultra-low sulfur fuels**
Fuel Processing Technology

Ali, M.F.; Al-Malki, A.; Ahmed, S.



- 22. Investigation of rapid conversion of switchgrass in subcritical water**
Fuel Processing Technology, Volume 90, Issue 2, February 2009, Pages 301-311

Cheng, L.; Ye, X.P.; He, R.; Liu, S.



- 23. Pyrolysis of mixed plastics for the recovery of useful products**
Fuel Processing Technology

Siddiqui, M.N.; Redhwi, H.H.



- 24. Techno-economic study of different alternatives for biodiesel production**
Fuel Processing Technology, Volume 89, Issue 8, August 2008, Pages 740-748

Marchetti, J.M.; Miguel, V.U.; Errazu, A.F.

Cited by Scopus (2)



- 25. A model for performance optimization of wet flue gas desulfurization systems of power plants**
Fuel Processing Technology, Volume 89, Issue 11, November 2008, Pages 1025-1032

Zhong, Y.; Gao, X.; Huo, W.; Luo, Z.y.; Ni, M.j.; Cen, K.F.



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