

Ir. Unggul Priyanto, M.Sc

Position/Department/Division/Institution/Organization

Chairman of The Agency for the Assessment and Application of Technology

Country

Indonesia

Career history

1989 - 2004 : Researcher in Clean coal technology and Biomass utilization Technology

2004 - 2010 : Director of Energy Resources Development Technology

2010 - 2014 : Deputy Chairman of BPPT for Information, Energy and Material Technology

2014 - 2018 : Chairman of The Agency for the Assessment and Application of Technology

Publications

1. Optimized Solvent Amount in the liquefaction of Adaro Coal with Binary Sulfide Catalyst supported on carbon nanoparticles, Journal of Energy & Fuels 2000, 40, 774- 780.
2. Catalytic Activity of FeMoNi Ternary Sulfide Supported on Nanoparticulate Carbon in the Liquefaction of Indonesian Coal, Journal of Industrial and Engineering Chemistry research 2001, 40, 774-780.
3. Optimization of Two-stage liquefaction of Tanito Harum Coal with FeNi Catalyst Supported on Carbon Black, Journal of Energy & Fuels 2001, 15, 856-862.
4. Liquefaction of Tanito Harum coal with bottom recycle using FeNi and FeMoNi catalysts supported on carbon nanoparticles, Journal of Fuel Processing Technology 2002, 79, 1, 51-62.
5. Biofuel Production by Hydrocracking of Biomass FT Wax over NiMo / Al₂O₃-SiO₂ Catalyst, Journal of the Japan Institute of Energy, 2011, 90, 12, 1171-1176.
6. Utilization of Biomass for Energy: Prospect, Challenge and Industrialization Strategy in Indonesia, Journal of the the Japan Institute of Energy 2013, 92, 1, 89-98.
7. Enhancing strategy on renewable hydrogen production in a continuous bioreactor with packed biofilter from sugary wastewater, International Journal of Hydrogen Energy 2016, 41, 7, 4404-4412.

Areas of expertise

Clean Coal Technology, Biomass Utilization Technology, Biofuel