

## DAFTAR PUSTAKA

- Ahmadreza and Archer, 2016, “Wind Farms with Counter-Rotating Wind Turbines”, *Sustainable Energy Technologies and Assessments*, Vol. 24, pp. 19-30.
- Ahmad Rosyada, F. 2017 “Rancang Bangun *Kopling Sentrifugal* pada Turbin Angin Pembangkit Listrik”, Jurusan Fisika Fakultas Sains dan Teknologi, Universitas Islam Negeri Maulana Malik Ibrahim., Malang, Jawa Timur.
- Appa, K., 2003, “Counter-rotating Wind Turbine System”, Energy Innovations Small Grant (EISG) Program, California Energy Commission, July 2003 P500-03-055F
- Bere, F, 2015 “Analisis Performansi Turbin Angin Poros Horizontal Model Double Rotor *Counter Rotating* dengan Posisi Rotor Saling Berhimpitan” , Vol 2, No 1 (2015): LONTAR Jurnal Teknik Mesin Undana
- Buana, S.W, 2016, “Analisis Pengaruh Rasio Diameter Sebagai Parameter Kinerja Aerodinamika Rotor Dual Rotor Counter-Rotating Wind Turbine”, International Conference on Engineering, Science and Nanotechnology (ICESNANO), Solo, Indonesia.
- Chantharasenawong C., Suwantragul B., Ruangwiset A., and C. P., 2008, “Axial Momentum Theory for Turbines with Co-axial Counter rotating Rotors,” Commemorative International Conference of the Occasion of the 4th Cycle Anniversary of KMUTT 11-13 December 2008, Bangkok, Thailand.
- D.S. Pamuji., M. Agung Bramatya. 2018 “Analisis CFD Perbandingan Kinerja Desain Jumlah Sudu (2 DAN 3) Turbin Angin jenis *Counter-Rotating* menggunakan Teori Momentum Elemen Sudu pada Kondisi *Transient*” Progam Studi Magister Teknik Mesin Universitas Gadjah Mada., D.I.Yogyakarta. Jawa Tengah.
- I.B. Alit, Nurchayati, Pamuji. 2016 “Turbin Angin Poros Vertikal tipe Savonius bertingkat dengan Variasi Posisi Sudut”, Fakultas Teknik Jurusan Teknik Mesin., Universitas Mataram, Kota Mataram.
- Irawan, Y.H, 2016, “Numerical Simulation of The Effect of Axial Distance Between Two Rotors in Counter-Rotating Wind Turbines”, 2016 2nd International Conference on Science and Technology-Computer (ICST), Yogyakarta, Indonesia.
- Jung S. N., No T.-S., and Ryu K.-W, 2004, “Aerodynamic performance prediction of a 30 kW counter-rotating wind turbine system”, *Renewable Energy*, vol.30, pp. 631–644



- Koehuan, V A, dkk., 2014, "Studi Eksperimental Variasi Sudut Blade terhadap Kinerja Rotor Blade Turbin Angin Tipe Propeler Poros Horizontal Model *Contra Rotating*", LONTAR Jurnal Teknik Mesin Undana, Vol. 01, No. 02.
- Lee S. et al., 2012, "Effects of design parameters on aerodynamic performance of a counter-rotating wind turbine", *Renewable Energy*, vol.42, pp. 140–144
- Nur Asyik, H., Hanifah, N. 2017 "Optimalisasi Daya Pembangkit Listrik Tenaga Angin Turbin Sumbu Horizontal dengan Menggunakan Metode Maximum Power Point Tracker", *Journal of Electrical Electronic Control and Automotive Engineering (JEECAE)*., Madiun, Jawa Timur.
- Oprina G. et al., 2016, "A Review On Counter-Rotating Wind Turbine Development", *Journal of Sustainable Energy* Vol.7, No. 3.
- Riszal, A., 2017, "Analisis Pengaruh Rasio Jarak sebagai Parameter Kinerja Aerodinamika Rotor *Counter Rotating Wind Turbine*". Thesis. Fakultas Teknik, Universitas Gadjah Mada, Yogyakarta.
- R. Z. Muhtadi, M. Agung Bramantya. 2018 "Studi Experimental Pengaruh Variasi *Local Pitch* terhadap Daya Listrik yang dihasilkan pada *Counter Rotating Wind Turbine* dengan Genertaor Tunggal Tanpa *Gearbox*" Progam Studi Magister Teknik Mesin Universitas Gadjah Mada., D.I.Yogyakarta. Jawa Tengah.
- Salih, N., Mohammed, A., Talha, A., Kamel, A. 2016 "*Experimental and Theoretical Investigation of Micro Wind Turbine for Low Wind Speed Regions*", Department of Sustainable and Renewable Energy Engineering, University of Sharjah., Sharjah., United Arab Emirates.
- Sung-Nam, J., Tae-Soo, N., Kim-Wahn, R. 2004 "*Aerodynamic Performance Prediction of a 30 KW Counter Rotating Wind Turbine System*", Department of Aerospace Engineering, Chonbuk National University., Dukjin-ku, Jeonju 561-756, South Korea.
- Xin, S., Jinge, C., Ping, H, Xiaocheng, Z., Zhaohui, D. 2017 "*Study of the Unsteady Aerodynamics of Floating Wind Turbines*", School of Mechanical Engineering, Shanghai Jiao Tong University., Shanghai, China.
- Xiongwei, L., Lin, W., Xinzi, T. 2012 "*Optimized Linearization of Chord and Twist Angle Profiles for Fixed-Pitch Fixed-Speed Wind Turbine Blades*", Wind Energy Engineering Research Group, School of Computing, Engineering and Physical Sciences, University of Central Lancashire, Preston PR1 2HE, UK.
- Y. Heru Irawan, M. Agung Bramantya. 2018 "Simulasi Numaerik pad *Diffuser Augmented Wind Turbines* dengan Rotor Ganda *Contra Rotasi*", Jurusan Teknik Mesin & Industri., D.I.Yogyakarta, Jawa Tengah.