

DAFTAR PUSTAKA

- Ambarita, E. E., Harinaldi, I., & Nasruddin. (2021). Computational study on multi-objective optimization of the diffuser augmented horizontal axis tidal turbine. *Journal of Marine Science and Technology (Japan)*, 26(4), 1237–1250. <https://doi.org/10.1007/s00773-021-00812-2>
- Castillo, O. C., Andrade, V. R., Rivas, J. J. R., & González, R. O. (2023). Comparison of Power Coefficients in Wind Turbines Considering the *Tip Speed Ratio* and Blade Pitch Angle. *Energies*, 16(6). <https://doi.org/10.3390/en16062774>
- Derakhshan, S., Ashoori, M., & Salemi, A. (2017). Experimental and numerical study of a vertical axis tidal turbine performance. *Ocean Engineering*, 137(March 2016), 59–67. <https://doi.org/10.1016/j.oceaneng.2017.03.047>
- Design, L. (2024). *Vertical-Axis Tidal Turbines: Model Development and Farm Layout Design*.
- Gomez, M. A., Guevara-Muñoz, A., & Zuluaga, D. H. (2025). A numerical H Darrieus hydrokinetic turbine performance assessment with the application of openings in blade geometry. *International Journal of Renewable Energy Development*, 14(1), 1–9. <https://doi.org/10.61435/ijred.2024.60514>
- González-González, F., Barbón, A., Bayón, L., & Georgious, R. (2024). An Experimental Investigation of Various Control Systems for an Archimedes Screw Turbine in a Micro-Hydropower Plant. *Applied Sciences (Switzerland)*, 14(2). <https://doi.org/10.3390/app14020512>
- Gu, J., Liu, R., Wang, Y., & Zhang, J. (2023). The renewable energy: Tidal energy. *Applied and Computational Engineering*, 7(1), 419–437. <https://doi.org/10.54254/2755-2721/7/20230390>
- Jayaram, V., & Bavanish, B. (2020). A brief review on the Gorlov helical turbine and its possible impact on power generation in India. *Materials Today: Proceedings*, 37(Part 2), 3343–3351. <https://doi.org/10.1016/j.matpr.2020.09.203>
- Jiang, C., Shu, X., Chen, J., Bao, L., & Xu, Y. (2021). Research on blade design of lift–drag-composite tidal-energy turbine at low flow velocity. *Energies*, 14(14), 1–16. <https://doi.org/10.3390/en14144258>
- Khare, V., & Bhuiyan, M. A. (2022). Tidal energy-path towards sustainable energy: A technical review. In *Cleaner Energy Systems* (Vol. 3). Elsevier B.V. <https://doi.org/10.1016/j.cles.2022.100041>
- Kinsey, T., Dumas, G., Lalande, G., Ruel, J., Méhut, A., Viarouge, P., Lemay, J., & Jean, Y. (2011). Prototype testing of a hydrokinetic turbine based on oscillating hydrofoils. *Renewable Energy*, 36(6), 1710–1718. <https://doi.org/10.1016/j.renene.2010.11.037>

- Lecanu, P., & Mouaz, D. (2021). *Theoretical Calculation of Wind (Or Water) Turbine : Extending the Betz Limit Short abstract : August, 1–24.*
- Mehmood, N., Liang, Z., & Khan, J. (2012). Harnessing Ocean Energy by Tidal Current Technologies. In *Article in Research Journal of Applied Sciences, Engineering and Technology*.
<https://www.researchgate.net/publication/264851747>
- Ragheb, M., & M., A. (2011). Wind Turbines Theory - The Betz Equation and Optimal Rotor Tip Speed Ratio. *Fundamental and Advanced Topics in Wind Power, 1(1)*. <https://doi.org/10.5772/21398>
- Samadi, M., Ghodsi, M., & Mozafari, B. (2021). *Comparison of Horizontal and Vertical axis tidal turbine with a new design to the renewable energy production of marine currents. 6(5).*
- Satrio, D., Aria, I. K., & Utama, P. (2016). *Vertical Axis Tidal Current Turbine : Advantages and Challenges Review Vertical Axis Tidal Current Turbine : Advantages and Challenges Review. November.*
- Shanmugam, A. R., Park, K. S., & Sohn, C. H. (2023). Comparison of the Power Extraction Performance of an Oscillating Hydrofoil Turbine with Different Deflector Designs. *Energies, 16(8)*. <https://doi.org/10.3390/en16083420>
- Statistical Review of World Energy globally consistent data on world energy markets . and authoritative publications in the field of energy. (2021).*
- Thomas, A. R. B., Khan, P. S. Z., & Gillman, S. B. J. (2016). Current tidal power technologies and their suitability for applications in coastal and marine areas. *Journal of Ocean Engineering and Marine Energy, 2(2)*, 227–245.
<https://doi.org/10.1007/s40722-016-0044-8>
- Yang, B., & Lawn, C. (2011). Fluid dynamic performance of a vertical axis turbine for tidal currents q. *Renewable Energy, 36(12)*, 3355–3366.
<https://doi.org/10.1016/j.renene.2011.05.014>