DAFTAR PUSTAKA

[1] J. K. S. Jadon and R. Singh, “Challenges and Opportunities of Internet of Things in Smart Agriculture: A Review,” in *Lecture Notes in Electrical Engineering*, Springer Science and Business Media Deutschland GmbH, 2022, pp. 653–662. doi: 10.1007/978-981-16-9488-2_62.

[2] K. Lakhwani, H. Gianey, N. Agarwal, and S. Gupta, “Development of IoT for Smart Agriculture a Review,” in *Advances in Intelligent Systems and Computing*, Springer Verlag, 2019, pp. 425–432. doi: 10.1007/978-981-13-2285-3_50.

[3] M. Amirul Haq, M. Rivai, and T. Tasripan, “Rancang Bangun Sistem Pengisian Baterai Nirkabel Menggunakan Mikrokontroler Teensy,” *Jurnal Teknik ITS*, vol. 7, no. 2, Feb. 2019, doi: 10.12962/j23373539.v7i2.31323.

[4] BBPP Lembang, “Implementasi Smart Farming BBPP Kementan Sukses Cetak Petani Milenial Berkantong Tebal.”

[5] Z. Liu, T. Li, S. Li, and C. C. Mi, “Advancements and challenges in wireless power transfer: A comprehensive review,” *Nexus*, vol. 1, no. 2, p. 100014, Jun. 2024, doi: 10.1016/j.ynexs.2024.100014.

[6] S. M. Shakil and M. H. Rashid, “The Potential Impacts of Wireless Power Transfer on the Global Economy, Society, and Environment,” in *2023 14th Power Electronics, Drive Systems, and Technologies Conference, PEDSTC 2023*, Institute of Electrical and Electronics Engineers Inc., 2023. doi: 10.1109/PEDSTC57673.2023.10087180.

[7] A. M. Jawad, R. Nordin, S. K. Gharghan, H. M. Jawad, and M. Ismail, “Opportunities and challenges for near-field wireless power transfer: A review,” 2017, *MDPI AG*. doi: 10.3390/en10071022.

[8] K. Obaideen, L. Albasha, U. Iqbal, and H. Mir, “Wireless power transfer: Applications, challenges, barriers, and the role of AI in achieving sustainable development goals - A bibliometric analysis,” *Energy Strategy Reviews*, vol. 53, May 2024, doi: 10.1016/j.esr.2024.101376.

[9] N. Shinohara, “Wireless Power Transfer in Japan: Regulations and Activities,” 2020.

[10] P. B. Laksono, “Kerangka Kerja Penyusunan Regulasi untuk Pengaturan Frekuensi pada Aplikasi Wireless Power Transfer.”

[11] “Peraturan Menteri Komunikasi dan Informatika republik Indonesia nomor 2 Tahun 2023 Tentang Penggunaan Spektrum Frekuensi Radio Berdasarkan Izin Kelas.”

[12] Samsurizal, “ANALISIS WIRELESS POWER TRANSMISSION SYSTEM DALAM ASPEK REGULASI MENGGUNAKAN METODE BENCHMARK,” *Jurnal Kilat*, vol. 7, no. 2, 2018.

[13] R. Guida, E. Demirors, N. Dave, and T. Melodia, “Underwater Ultrasonic Wireless Power Transfer: A Battery-Less Platform for the Internet of Underwater Things,” *IEEE Trans Mob Comput*, vol. 21, no. 5, pp. 1861–1873, May 2022, doi: 10.1109/TMC.2020.3029679.

[14] A. Semnani, B. Baskaran, and D. Peroulis, “Microwave Wireless Powering of Sensored Agricultural Tile Drainages,” *IEEE Trans Antennas Propag*, vol. 69, no. 5, pp. 2913–2920, May 2021, doi: 10.1109/TAP.2020.3030901.

[15] W. Luo *et al.*, “Wireless Power Transfer Through Soil Over a Range of Moisture Levels for In-Situ Soil Health Monitoring,” *IEEE Sensors*, 2021, doi: https://doi.org/10.1109/SENSORS47087.2021.9639619.

[16] Takehiro Imura, *Wireless Power Transfer Using Magnetic and Electric Resonance Coupling Techniques*. Springer Nature Singapore, 2020.

[17] Ecc, “Non-beam Wireless Power Transmission (WPT) applications other than WPT-EV operating in various frequency bands below 30 MHz.”

[18] I. Radiocommunication Bureau, “REPORT ITU-R SM.2392-1 - Applications of wireless power transmission via radio frequency beam,” 2016. [Online]. Available: http://www.itu.int/ITU-R/go/patents/en

[19] R. R. Rachmawati, “SMART FARMING 4.0 UNTUK MEWUJUDKAN PERTANIAN INDONESIA MAJU, MANDIRI, DAN MODERN,” *Forum penelitian Agro Ekonomi*, vol. 38, no. 2, p. 137, Jun. 2021, doi: 10.21082/fae.v38n2.2020.137-154.

[20] S. Xu, Y. Xue, and L. Chang, “Review of Power System Support Functions for Inverter-Based Distributed Energy Resources-Standards, Control Algorithms,

and Trends," 2021, *Institute of Electrical and Electronics Engineers Inc.* doi: 10.1109/OJPEL.2021.3056627.

[21] A. A. Rojabi *et al.*, "Analisis Half-Wave dan Full-Wave Rectifiers Menggunakan Circuit Lab Online," 2023.

[22] Prastyaningrum Ihtiari, Kartikawati Sulistyaning, and Antika Roseanne, "View of PENGARUH MEDIA KIT GGL INDUKSI ELEKTROMAGNETIK TERHADAP KEMAMPUAN PEMAHAMAN KONSEP GGL INDUKSI," *Jurnal Teknologi Terapan*, vol. 3, Apr. 2022.

[23] A. K. Prasojo and I. Surjati, "Rancang Bangun Wireless Power Transfer (WPT) Menggunakan Prinsip Resonansi Induktif Elektromagnetik dan Blocking Oscillator dengan Coil Berbentuk Spiral Mendatar," *JURNAL ELEKTRO*, vol. 12, pp. 97–102, Oct. 2019.

[24] P. Kinsler, "Faraday's Law and Magnetic Induction: Cause and Effect, Experiment and Theory," *Physics (Switzerland)*, vol. 2, no. 2, pp. 150–163, Jun. 2020, doi: 10.3390/physics2020009.

[25] P. WIBOWO, P. BAKTI, and I. SUPONO, "Sistem Verifikasi Medan Magnet untuk Sumber Magnet Kumparan Sejajar," *ELKOMIKA: Jurnal Teknik Energi Elektrik, Teknik Telekomunikasi, & Teknik Elektronika*, vol. 10, no. 2, p. 379, Apr. 2022, doi: 10.26760/elkomika.v10i2.379.

[26] Yasu Mustika Ratna and Hadi Fathul Charis, "View of Pengaruh Tegangan Terhadap Besar Kuat Arus Listrik Pada Persamaan Hukum Ohm".

[27] Y. Xu, Y. Zhang, and T. Wu, "Wireless Power Transfer Efficiency Optimization Tracking Method Based on Full Current Mode Impedance Matching," *Sensors*, vol. 24, no. 9, May 2024, doi: 10.3390/s24092917.

[28] A. Yousuf, T. K. Das, M. E. Khallil, N. A. A. Aziz, M. J. Rana, and S. Hossain, "Comparison Study of Inductive Coupling and Magnetic Resonant Coupling Method for Wireless Power Transmission of Electric Vehicles," in *International Conference on Robotics, Electrical and Signal Processing Techniques*, 2021, pp. 737–741. doi: 10.1109/ICREST51555.2021.9331096.

[29] A. Warsito and A. E. P. Haning, "Komparasi Solusi Kasus Fluks Magnetik di Sekitar Kawat Berarus Listrik dengan Metode Analitik dan Komputasi

Comparation of Magnetic Flux Cases Solution in Around Electrified Wire between Analytical and Computational Methods," 2018.