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### Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Development of a smart hybrid drive system with advanced logistics for railway applications**  
Polater N.  
INTERNATIONAL JOURNAL OF HYDROGEN ENERGY, vol.52, pp.559-576, 2024 (SCI-Expanded)
- II. **A new traction system with asymmetrical six-phase permanent magnet synchronous motors for hydrogen trains**  
POLATER N., Maggiulli F., Foglia G. M., Tricoli P.  
IEEE Access, vol.12, pp.23279-23289, 2024 (SCI-Expanded)
- III. **Technical Review of Traction Drive Systems for Light Railways**  
Polater N., Tricoli P.  
Energies, vol.15, no.9, 2022 (SCI-Expanded)

### Refereed Congress / Symposium Publications in Proceedings

- I. **State of Charge-Based Power Sharing Algorithm for Hydrogen and Battery Cells Supplying Double-Three Phase Permanent Magnet Synchronous Motor**  
Polater N., Kamel T., Tricoli P.  
16th IEEE International Conference on Compatibility, Power Electronics, and Power Engineering, CPE-POWERENG 2022, Birmingham, England, 29 June - 01 July 2022
- II. **Torque Comparison of Surface Mount and Interior Permanent Magnet Synchronous Motor for Railway Applications**  
Polater N., Kamel T., Tricoli P.  
15th IEEE International Conference on Compatibility, Power Electronics and Power Engineering, CPE-POWERENG 2021, Florence, Italy, 14 - 16 July 2021
- III. **Control and Power Sharing Strategy of Dual Three-Phase Permanent Magnet Synchronous Motor for Light Railway Applications**  
Polater N., Kamel T., Tricoli P.  
18th IEEE Vehicle Power and Propulsion Conference, VPPC 2021, Virtual, Gijon, Spain, 25 - 28 October 2021