

Projekta Izp-2020/2-0390 rezultāti

Ortopēdiskās rehabilitācijas transportlīdzekļu elektrisko piedziņu vieda termiskā pārvaldīšana to drošuma palielināšanai un funkcionalitātes uzlabošanai

Oriģināli zinātniskie raksti, kas publicēti zinātniskos žurnālos, rakstu krājumos vai konferenču rakstu krājumos, kuri ir indeksēti datu bāzēs Web of Science Core Collection, SCOPUS vai ERIH PLUS

1. Bubovich, A. Use of Multilevel Converters in Light Vehicles of Orthopedic Rehabilitation. - 62nd IEEE International Scientific Conference on Power and Electrical Engineering of Riga Technical University, RTUCON 2021, 2021; Institute of Electrical and Electronics Engineers Inc. <https://doi.org/10.1109/RTUCON53541.2021.9711728>
2. Bubovich, A.; Vorobyov, M.; Galkin, I.; Dovudon, T. Quality Evaluation of Jointly Used Modular Multilevel Converters and Battery Energy Storages. - 35th International Conference on Power Electronics and Electrical Drives, EDPE 2021, 2021; KoREMA: pp 144-151. <https://doi.org/10.1109/EDPE53134.2021.9604102>
3. Galkin, I. A.; Geidarovs, R.; Podgornovs, A. Modular segmented motor for power-assist wheelchairs: Proof of concept. - Mach., 2021, 9 (10), <https://doi.org/10.3390/machines9100227>
4. Ušakovs, I.; Mishkinis, D.; Galkin, I. A.; Bubovich, A.; Podgornovs, A. Experimental thermal characterization of the in-wheel electric motor with loop heat pipe thermal management system. - Case Stud. Therm. Eng., 2023, 47, <https://doi.org/10.1016/j.csite.2023.103069>