

Automatic position detection and transmitting activation of dynamic wireless power transfer system with air capacitor
Pakhaliuk, Bohdan; **Husev, Oleksandr**; Shevchenko, Viktor; Kroics, Kaspars; Stepins, Deniss; Strzelecki, Ryszard Wireless Power Week (WPW) : Proceedings 2022 / p. 487-491 <https://doi.org/10.1109/WPW54272.2022.9853972>

Effect of double-slope modulation signals on conducted emissions and efficiency of strongly coupled magnetic resonance WPT systems

Stepins, Deniss; Zakis, Janis; Audze, Janis; **Husev, Oleksandr**; Shevchenko, Viktor; Pakhaliuk, Bohdan 2019 IEEE 60th International Scientific Conference on Power and Electrical Engineering of Riga Technical University (RTUCON) 2019 / 4 p <https://doi.org/10.1109/RTUCON48111.2019.8982351>

Effect of hybrid modulation on performance of wireless battery charger operating in CC/CV mode

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Feasibility study GaN transistors application in the novel split-coils inductive power transfer system with T-Type inverter

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Inductive bifilar coil based wireless charging system for autonomous electric boat

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Multivariable optimal control of wireless power transfer systems with series-parallel compensation

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