

Address from the General Chairman

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Analysis of buck mode realization possibilities in quasi-Z-source DC-DC converters with voltage doubler rectifier

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Analysis of operating modes of the step-up DC/DC converter with a commutating LC-filter

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Analysis of state-of-the-art converter topologies for interfacing of hydrogen buffer with renewable energy systems

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Bidirectional operation of the single-phase neutral-point-clamped quasi-Z-source inverter

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Closed-loop control system design for wireless charging of low-voltage EV batteries with time-delay constraints

Shevchenko, Viktor; Pakhaliuk, Bohdan; Zakis, Janis; Veligorskyi, Oleksandr; Luszcz, Jaroslaw; **Husev, Oleksandr**; Lytvyn, Oksana; **Matiushkin, Oleksandr** Energies 2021 / art. 3934, 21 p. : ill <https://doi.org/10.3390/en14133934> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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qZS-based soft-switching DC/DC converter with a series resonant LC circuit

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