

Analyzing and investigating encrypted traffic for social media application Instagram

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CapsNet on embedded devices in a data scarce scenario

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Deep-learning based blood cells classification and initial edge device implementation

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A DSP-based impedance measurement device

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5G testbed implementation and measurement campaign for ground and aerial coverage

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Fuel cell city buses : grey shadows of green energy

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HLS-based optimization of tau triggering algorithm for LHC: a case study

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The impact of load on global parameters of electrical machines in case of healthy and broken rotor bars

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Impedance cardiography signal processing with Savitzky-Golay and frequency sampling kernels

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Influence of mental stress on the arterial stiffness parameters detected from photoplethysmographic signal waveform

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Investigation of signal separation for ultrasonic nondestructive evaluation

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Low-cost open-source flow velocity sensor for droplet generators

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NB-IoT based visual smart waste management system

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PID controller tuning optimization using genetic algorithm for droplet size control in microfluidics

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Power aware ON/OFF switching schemes for energy efficient phantom cellular networks

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Prototyping of a machine learning based auxiliary neurostimulation system

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Soft start algorithm for a droop controlled dc nanogrid

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<https://doi.org/10.1109/BEC56180.2022.9935608>

Spectrum analysis additional vibrations of Cartesian robot by different control modes

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