Paper ID		First Author	Paper Title
BI	1	Michaela Nečasová	A Single Helical Interstitial Applicator for Microwave Hyperthermia
BI	2	Klára Kozelková	Effect of changes in GABAergic inhibition on the development of tinnitus
BI	3	Forouzan Salehi Ferge	An ANOVA-based Sequential Forward Channel Selection Framework for BCI Application based on EEG Signals
BI	4	Adéla Rojíčková	An active model of the respiratory system as a phantom for the forced oscillation technique
BI	5	Tobias Reinhardt	Analysis of Facial Temperatures and Galvanic Skin Response for Correlations and Possible Estimation
BI	6	Martin Šantrůček	Comparison of blood gas analyzers
BI	7	Matěj Losos	Comparison of perfusion index obtained by smartwatch and pulse oximeter
BI	8	Andreas Wurzinger	Developing a digital twin of a human knee prosthesis for acoustic analysis
BI	9	Radek Nejman	Effect of the light conditions on the accuracy of SpO2 measurements
BI	10	Theresa Nolte	Generalization Ability of a GREIT-Like Matrix Based on Real-World EIT Data
BI	11	Maurice Rohr	Hyperspectral Photoplethysmography Imaging
BI	12	Immo Baarling	Measuring an ECG via an ECG-Stick
BI	13	Filip Zajan	Model of Applicator for Regional Hyperthermia based on eight “Bow-tie“ Antennas
BI	14	Ján Šeleng	Classification of healthy and impaired plantar foot microcirculation using photoplethysmography imaging and de
BI	15	Nika Khosravi	State of the Art in Pulsed-Dose Oxygen Delivery for Mechanical Ventilation
BI	16	Kateřina Pavelková	Study of new types of microwave applicators for thermoablation in cardiology
BI	17	Jonas Horak	Variability of perfusion index in selected pulse oximeter models

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C	1	Michal Špaček	Influence of Environmental Conditions on Metrological Optical Signals in Standard and Hollow-Core Optical Fiber
C	2	Jakub Turinský	Subjective test methodology design for spatial audio transmission
C	3	Urban Jacobs	Pulse to Tone Dialling Converter
C	4	Samie Soufeh	Design and Implementation of a Broadband Wilkinson Power Divide
C	5	Jana Zimanová	Fabrication of Optical Microstructures Using Direct Laser Writing and Deep Reactive Ion Etching Technologies

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EI	1	Rudolf Shymon	Transistors Based on the Nitride Semiconductor Heterostructures
EI	2	Chalotorn Moehlmann	Auralization and Validation of Vehicle Pass-By Noise for Urban Noise Management
EI	3	Jiří Meier	Designing a Miniaturized Fluxgate using Flip-chip Technology
EI	4	Lukas Pohl	Temperature Compensated Power Detectors for L- and S-Band Radiometer Applications
EI	5	Stanislav Starman	Digitally programmable symmetrical power pulse generator using SiC power switches
EI	6	Thomas Brunner	Effects of hybrid turbulence modelling on aeroacoustic noise generation in automotive door gaps
EI	7	Lukáš Buryanec	Soa Protection Circuit for eFuses
EI	8	Jakub Velich	Real-Time Data Capture with TI mmWave Radars
EI	9	Patricia Grabowska	Characterisation of a Low-Cost Acoustic Chamber

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HST	3	Francisco Griotto	Industrial Health Heritage: The Mountain Sanatorium Village in Sondalo, Italy
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HST	5	Jorge Alonso Rodrigue	MISSION: STOP THE SPARKS! A device for steam locomotives
HST	6	Jiří Sedláček	From Lwow and Warsaw to Prague. A talk about professors Adamiecki, Hasa, and Šlechta
HST	7	Jannik Pruessmann	A Historical Overview of Electrocardiography: From Early Discoveries to Modern Advances
HST	8	Martin Hrtus	The ESČ Testing Laboratory as the Basis of Electrotechnical Examination in Czechoslovakia
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IC	7	Jakub Urbánek	Neural Network-Based Estimation of Acoustic Impulse Response
IC	8	Martin Krutský	Dimensions of Explainability in AI Alignment

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NS	2	Akanksha Agarwal	Investigating the Spectroscopic Properties of CVD-grown MoS2 for Next-Generation Optoelectronics
NS	3	Rouben Rehman	Estimating the Occlusion Effect through Impedance Tube Measurements
NS	4	Aneta Furmanová	Exploring the Loss Landscape of Physics Informed Neural Networks in Room Acoustics
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NS	6	Jan Boysen	Simulative Evaluation of the Whistling Potentiality of Pinhole Apertures
NS	7	Jakub Mareš	Development of 8-frame Mach-Zehnder interferometer for laser plasma density measurements

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PE	1	Martin Mydlář	Free-space powering using 3 W high-power laser source operating at 980 nm
PE	2	Dilane Dongmo Tadou	Nonlinear Impedance Spectroscopy on Lithium Iron Phosphate Batteries
PE	3	Filiberto Mancuso	Ga2O3 Vertical Transistor Modeling and Analysis
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