



Abstract

Conference Information

Bibliographic Information



Compendex • Conference proceeding (CP)

Proceedings of 2024 4th International Conference on Signal Processing and Communication Technology, SPCT 2024

Proceedings of 2024 4th International Conference on Signal Processing and Communication Technology, SPCT 2024, February 24, 2025

Accession number

20251218082245

Publisher

Association for Computing Machinery, Inc

ISBN-13

9798400710636

Abstract

The proceedings contain 54 papers. The topics discussed include: design and implementation of IIR filters for power line interference removal in intramuscular EMG signals; investigation of acoustic properties in casing for water-filled wells pipe; catch fish optimization algorithm for multi-threshold segmentation in esophageal cancer CT image analysis; improving temperature measurement accuracy for layer chickens using depth estimation with visible light and low-cost thermal infrared cameras; adaptability analysis method of geomagnetic map based on adaptive weighted PSO-BP model; reversible image data hiding based on improved block histogram shifting; convergence zone formed by bottom reflection in deep water with an incomplete channel; and an investigation of rotary position embedding for speech enhancement.

Conference Information

Conference name: 4th International Conference on Signal Processing and Communication Technology, SPCT 2024

Conference date: December 27, 2024 - December 29, 2024

Conference location: Shenzhen, China

Conference code: 207225

Bibliographic Information

Issue date: February 24, 2025

Publication year: 2025

Language: English

Part number: 1 of 1

Abbreviated source title: Proc. Int. Conf. Signal Process. Commun. Technol., SPCT

Issue title: Proceedings of 2024 4th International Conference on Signal Processing and Communication Technology, SPCT 2024

Page count: 339

Abstract type: (Edited Abstract)

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Straut Langlinais, Christine M.; Skeete, Zakiya R.; Ng, Jun De Andrew; Elgersma, Ashley; Elabbar, Fakhri; Bader, Nabil; Abdalla, Ayad Omran; Navratilova, Ladislava; Ben Romdhane, Hatem; Lee, Hooi Ling; Tofiq, Diary Ibrahim; Saleh, Dunya Ibrahim; Abdoarrahem, Mostafa (2025) ACS Chemical Health and Safety Database: Chimica

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