

SAPIENTIA

JUNE 2025

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| 1. | <u>A Compact Frequency and Pattern Reconfigurable Antenna for IoT Close Range Devices</u>
View Paper | Ganesh, M.,
Raghava, N.S.,
Sharma, Y.,
Sabapathy, T. | Studies in Computational Intelligence, 1015, pp. 397-407. |
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| 2. | <u>A Comparative Study of Large Language Models: ChatGPT, DeepSeek, Claude and Qwen</u>
View Paper | Phogat, R.,
Arora, D.,
Mehra, P.S.,
Sharma, J.,
Chawla, D. | 3rd IEEE International Conference on Device Intelligence Computing and Communication Technologies Dicct 2025, pp. 609-613. |
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| 3. | <u>A filtering approach for speech emotion recognition using wavelet approximation coefficient</u>
View Paper | Ravi, Taran, S. | Measurement Journal of the International Measurement Confederation, 256, art. no. 118165. |
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| 4. | <u>A Minimalist MOS-Based Meminductor Emulator Circuit</u>
View Paper | Gupta, R.K.,
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Saxena, V. | 3rd IEEE International Conference on Device Intelligence Computing and Communication Technologies Dicct 2025, pp. 525-530. |
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| 5. | <u>Transactions on Emerging Telecommunications Technologies, 36(6), art. no. e70199.</u>
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| 6. | <u>Advancing Smart Farming with UAV-Based Deep Learning for Proactive Wheat Disease Management</u>
<u>View Paper</u> | Thakur, R.,
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| 7. | <u>Ag@SnO₂/g-C₃N₄ Ternary Nanocomposite as an Efficient Acetone Vapors Sensor</u>
<u>View Paper</u> | Katiyar, Y.,
Sangwan, S.,
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| 8. | <u>Analysing the performance of heptagonal photonic crystal fibre in terahertz regime</u>
<u>View Paper</u> | Singh, G.,
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| 9. | <u>Assessment of arsenic contamination in drinking water sources and its effects on human health in rural regions: a study in the Malistan district, Ghazni province of Afghanistan</u>
<u>View Paper</u> | Noori, A.R.,
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| 10. | <u>Biochemical composition, amino acid and fatty acid profile changes of aquaculture feeds formulated from alternative ingredients: Long duration, storage temperature effects and ancillary FTIR confirmation</u>
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| 11. | <u>Biogenic Nanoparticles from Phytochemicals: A New Frontier in fighting Antimicrobial Resistance and Biofilm Formation</u> | Ishika,
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| 12. | <u>CeO₂ nanocrystal-enhanced polyaniline biosensor for organophosphate detection: a step toward sustainable agriculture</u> | Paneru, S.,
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| 15. | <u>Consequence of Ultrasonic Vibration-Assisted Cold Metal Transfer Welding Parameters on Metallurgical and Mechanical Properties of Ferritic Stainless-Steel-Welded Joints</u> | Sharma, A.,
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| 19. | <u>Effect of domestic monetary policy on foreign capital flows to India</u>

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| 20. | <u>Encoding Data Using Slayer Exciter Circuits with Simultaneous Power and Information Transmission</u>

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| 26. | <u>Hybrid Anomaly Detection Framework for Matter-Enabled IoT Devices</u>

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