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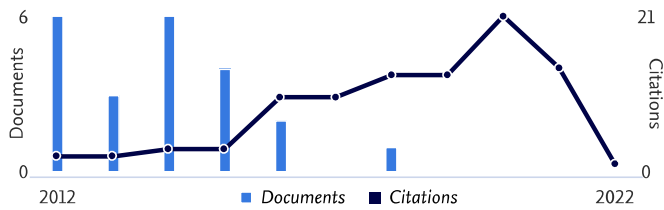
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Conference Paper

### Calculation of shielding effectiveness of an enclosure with arbitrary shaped apertures using hybrid approach

1  
Citations

Inbavalli, V.P., Venkatesh, C., Suresh Kumar, T.R.

*15th International Conference on Electromagnetic Interference and Compatibility,*

**INCEMIC 2018**

, 2018, 8704625

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Article

<p>Performance comparison of artificial neural network models for daily rainfall prediction</p> <p>Devi, S.R., Arulmozhivarman, P., Venkatesh, C., Agarwal, P.</p> <p><i>International Journal of Automation and Computing</i>, 2016, 13(5), pp. 417–427</p> <p>Show abstract  Related documents</p>	<p>21 Citations</p>
<p>Article</p> <p>Classification of carotid artery abnormalities in ultrasound images using an artificial neural classifier</p> <p>Samiappan, D., Chakrapani, V.</p> <p><i>International Arab Journal of Information Technology</i>, 2016, 13(6A), pp. 756–762</p> <p>Show abstract  Related documents</p>	<p>8 Citations</p>
<p>Article</p> <p>Transmission Line Approach to Calculate the Shielding Effectiveness of an Enclosure With Double-Layer Frequency Selective Surface</p> <p>SureshKumar, T.R., Venkatesh, C., Salil, P., Subbarao, B.</p> <p><i>IEEE Transactions on Electromagnetic Compatibility</i>, 2015, 57(6), pp. 1736–1739, 7161323</p> <p>Show abstract  Related documents</p>	<p>15 Citations</p>
<p>Article</p> <p>Daily rainfall forecasting models using ANN and ELM for development of rainfall threshold based landslide early warning system</p> <p>Devi, R.S., Venkatesh, C., Arulmozhivarman, P.</p> <p><i>Disaster Advances</i>, 2015, 8(7), pp. 1–11</p> <p>Show abstract  Related documents</p>	<p>0 Citations</p>
<p>Article</p> <p>High security and traffic constraints using elliptic curve cryptography algorithm in WSN</p> <p>Karunakaran, P., Saravanan, K., Venkatesh, C.</p> <p><i>International Journal of Applied Engineering Research</i>, 2015, 10(1), pp. 1351–1363</p> <p>Show abstract  Related documents</p>	<p>0 Citations</p>
<p>Article</p> <p>Dual frequency selective transparent front doors for microwave oven with different opening areas</p> <p>Murugan, J.T., Suresh Kumar, T.R., Salil, P., Venkatesh, C.</p> <p><i>Progress in Electromagnetics Research Letters</i>, 2015, 52, pp. 11–16</p> <p>Show abstract  Related documents</p>	<p>5 Citations</p>
<p>Conference Paper</p> <p>Daily rainfall forecasting using artificial neural networks for early warning of landslides</p> <p>Devi, S.R., Venkatesh, C., Agarwal, P., Arulmozhivarman, P.</p> <p><i>Proceedings of the 2014 International Conference on Advances in Computing, Communications and Informatics, ICACCI 2014</i>, 2014, pp. 2218–2224, 6968566</p> <p>Show abstract  Related documents</p>	<p>11 Citations</p>
<p>Article</p> <p>Classification of multi-category abnormalities in ultrasound carotid artery images using an extreme learning machine</p> <p>Samiappan, D., Arunachalam, S., Chakrapani, V.</p> <p><i>International Journal of Applied Engineering Research</i>, 2014, 9(21), pp. 5106–5112</p> <p>Show abstract  Related documents</p>	<p>1 Citations</p>

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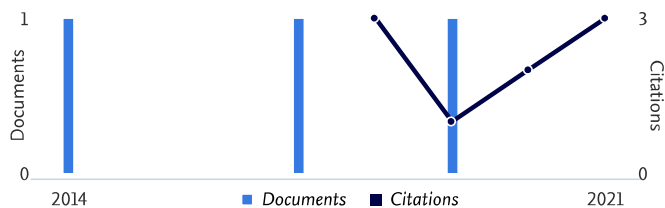
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Fourier Transforms; Complex Multiplication; Orthogonal Frequency Division Multiplexing (OFDM)

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Food Loss; Waste Prevention; Food Supply Chain

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### Analysis and Design of Power Optimized Pipelined Processor Using Micrologic Elements

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Aarthi, C., Gnanamurthy, R.K.

Applied Mathematics and Information Sciences, 2019, 13(1), pp. 107–114

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Conference Paper

## Waste to wealth-a novel approach for food waste management

Jayalakshmi, K., Pavithra, S., Aarhi, C.

*Proceedings - 2017 IEEE International Conference on Electrical, Instrumentation and Communication Engineering, ICEICE 2017*

, 2017, 2017-December, pp. 1-5

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## Low-power delay buffer design using Asymmetric C-element gated clock strategy

Aarhi, C., Gnanamurthy, R.K.

*5th International Conference on Computing Communication and Networking Technologies, ICCCNT 2014*

, 2014, 6963139

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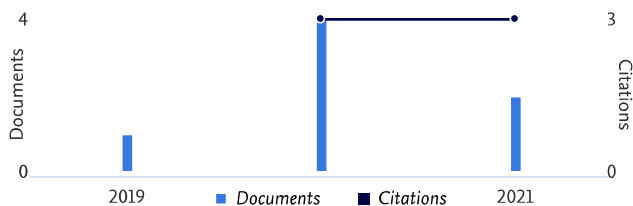
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Article

Developing Optimal Spectrum Sharing Protocol and Optimal Linear Precoding for Multi-Carrier Code-Division Multiple Access Using Massive Multiple Input Multiple Output in 5G Wireless Networks

Vijay, A., Umadevi, K.

*Wireless Personal Communications*, 2021, 119(2), pp. 983–1008

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Article

Protecting user profile based on attribute-based encryption using multilevel access security by restricting unauthorized access in the cloud environment

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Vijayakumar, V., Umadevi, K.

*Journal of Ambient Intelligence and Humanized Computing*, 2021, 12(7), pp. 7245–7252

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Article

An efficient wideband low noise amplifier (WLNA) using advanced design system based industrial micro strip antenna

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Citations

Yogeshwaran, A., Umadevi, K.

*Microprocessors and Microsystems*, 2020, 79, 103302

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Recent developments in terahertz communication and application to beyond-5g networks

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Vijay, A., Umadevi, K.

*Journal of the Institute of Telecommunications Professionals*, 2020, 14, pp. 24–29

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Article • Article in Press

An optimized distributed secure routing protocol using dynamic rate aware classified key for improving network security in wireless sensor network

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Sathya, S.S., Umadevi, K.

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Performance Improvement in 6G Networks Using MC-CDMA and mMIMO

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*Lecture Notes on Data Engineering and Communications Technologies*, 2020, 49, pp. 112–118

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Conference Paper

Secured AI guided architecture for D2D systems of massive MIMO deployed in 5G networks

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Vijay, A., Umadevi, K.

*Proceedings of the International Conference on Trends in Electronics and Informatics, ICOEI 2019*

, 2019, pp. 468–472, 8862712

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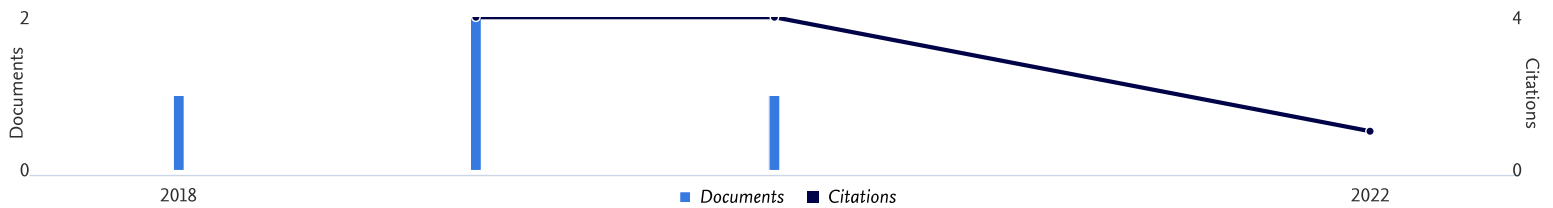
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### Random Restart Local Search Optimization technique for sustainable energy-generating induction machine

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Selvam, P.P., Narayanan, R.

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*Computers and Electrical Engineering*, 2019, 73, pp. 268–278

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*Journal of Electrical Engineering and Technology*, 2018, 13(3), pp. 1202–1211

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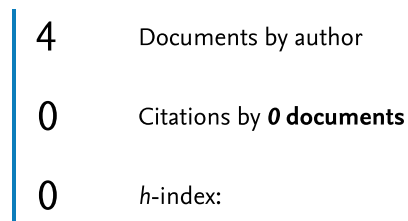
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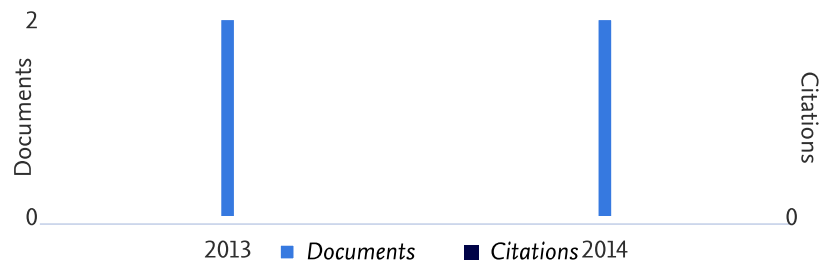
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### Predominant pattern mining using ODIP technique with online time series data

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*International Journal of Soft Computing*, 2014, 9(1), pp. 44–50

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*International Journal of Soft Computing*, 2013, 8(4), pp. 276–282

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# Predominant pattern mining using optimized discrete interested pattern technique with online time series data

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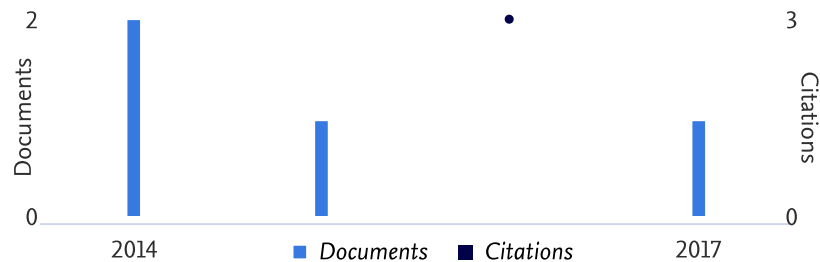
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Jayamurugan, G., Kamalakkannan, P.

*Journal of Advanced Research in Dynamical and Control Systems*, 2017, 9(Special Issue 17), pp. 754–770

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### Position-based Key Sharing with higher connectivity and multivariate optimized resource consumption in WSN

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*Indian Journal of Science and Technology*, 2015, 8(35)

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### Sensor network delay avoidance on multi-user packet transmission using continuous acknowledgement from frequent repeat request

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## Detecting multiple intrusion attacks using permanent girth clustering model in wireless sensor network

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Jayamurugan, G., Kamalakkannan, P.

*Journal of Computer Science*, 2014, 10(9), pp. 1473–1479

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2	Dr.C.Aarthi	3	9
3	Dr.K.Umadevi	7	6
4	Dr.P.Ponmurugan	4	9
5	Dr.B.Sujatha	4	0
6	Dr.G.Jayamurugan	4	3
Total		44	119

Bibliometrics of the publications during the year based on average Citation Index in Web of Science

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Total		2	2