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19.5.21

Bibliometrics of the publications during the year based on total h Index in Scopus

S.No	Faculty Name	Scopus Review
		h-index
1	Dr.C.Venkatesh	6
2	Dr.C.Aarthi	1
3	Dr.K.Umadevi	2
4	Dr.P.Ponmurugan	2
5	Dr.B.Sujatha	0
6	Dr.G.Jayamurugan	1
Total		12

Bibliometrics of the publications during the year based on total h-Index in Web of Science

S.No	Faculty Name	Web of Science Review
		h-index
1	Dr.P.Ponmurugan	1
Total		1

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# Chakrapani, Venkatesh

Sengunthar Engineering College, Tiruchengode, India

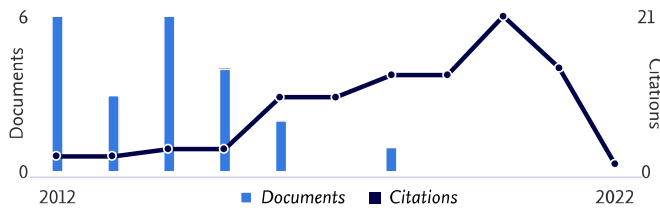
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- 22 Documents by author
- 92 Citations by 91 documents
- 6 h-index:

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## Most contributed Topics

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22 Documents Cited by 91 Documents 0 Preprints <sup>New</sup> 20 Co-Authors Topics  
 0 Awarded grants Beta

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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>

# ANN based rainfall forecasting system for landslide risk assessment in nilgiris region

Renuga Devi, S., Arulmozhi Varman, P., Venkatesh, C.

*International Journal of Earth Sciences and Engineering*, 2014, 7(3), pp. 868–876

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[Sengunthar Engineering College, Tiruchengode, India](#)

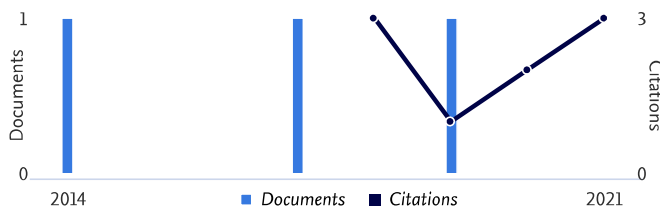
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- 3 Documents by author
- 9 Citations by 9 documents
- 1 h-index:

## Document & citation trends



## Most contributed Topics 2016–2020

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

1 document

**Food Loss; Waste Prevention; Food Supply Chain**

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Article

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

0

Citations

Aarthi, C., Gnanamurthy, R.K.

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



Conference Paper

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

Jayalakshmi, K., Pavithra, S., Aarthi, C.

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

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

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8

Citations

Conference Paper

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

Aarthi, C., Gnanamurthy, R.K.

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

, 2014, 6963139

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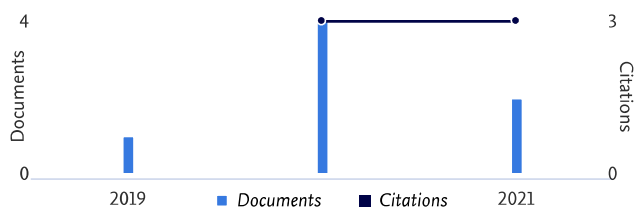
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Article

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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0 Citations

Article

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

0 Citations

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

1

Citations

Yogeshwaran, A., Umadevi, K.

*Microprocessors and Microsystems*, 2020, 79, 103302

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Article

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

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Citations

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

2

Citations

Sathya, S.S., Umadevi, K.

*Journal of Ambient Intelligence and Humanized Computing*, 2020

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Book Chapter

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

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Citations

Vijay, A., Umadevi, K.

*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

3

Citations

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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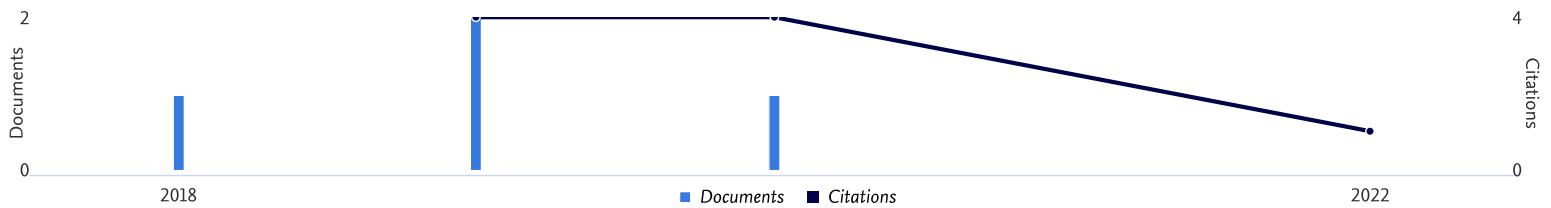
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Most contributed Topics 2016–2020

Brushless DC Motor; Electric Commutation; Sensorless Control

2 documents

Heat Engines; Brayton Cycle; Refrigerators

1 document

Induction Motors; Squirrel Cage Motors; Nameplates

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Article

Design and development of hybrid two-wheeler

Kamatchi Kannan, V., Ponmurugan, P., Chitra, K.

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Article

### Design and development of hybrid two-wheeler

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Kamatchi, K.V., Pomurugan, P., Chitra, K.

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*International Journal of Scientific and Technology Research*, 2019, 8(10), pp. 3252–3256

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Article

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

5

Selvam, P.P., Narayanan, R.

Citations

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

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Article

### Machine learning perspective gene optimization for efficient induction machine design

4

Selvam, P.P., Narayanan, R.

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

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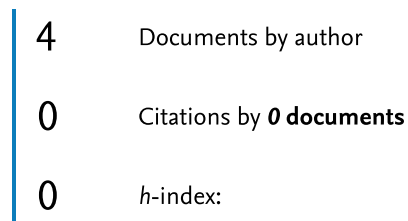
# Sujatha, B.

Sengunthar Engineering College, Tamilnadu, India

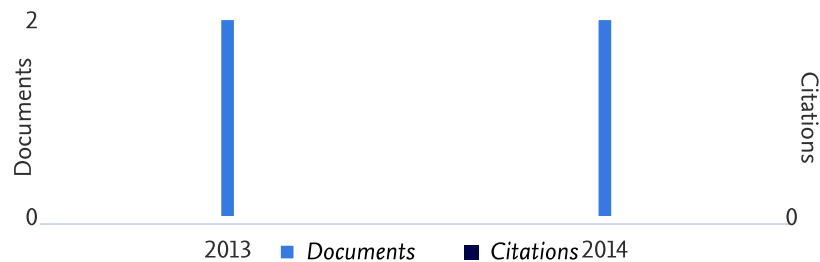
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Article

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

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Sujatha, B., Pandian, S.C.

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

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### Multiplex tree pruning for periodic pattern mining

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Citations

Sujatha, B., Pandian, S.C.

*International Journal of Soft Computing*, 2014, 9(1), pp. 37–43

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Article

### Predominant pattern distribution model for noise distributed time series database

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Citations

Sujatha, B., Pandian, S.C.

*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

Sujatha, B., Chenthur Pandian, S.

*Asian Journal of Information Technology*, 2013, 12(5), pp. 140–146

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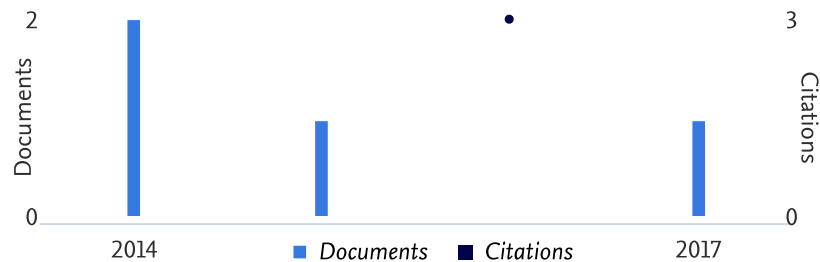
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## Mobile Sensor Networks; Network Lifetime; Sensor Nodes

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### Quantum key sharing and likelihood estimation with optimized resource for secured wsn communications

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Citations

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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Article • Open access

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

3

Citations

Jayamurugan, G., Kamalakkannan, P.

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

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Article

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

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Citations

Jayamurugan, G., Kamalakkannan, P.

*International Journal of Applied Engineering Research*, 2014, 9(24), pp. 23633–23650

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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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