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List of Publications (Past 5 years):

1. Dhanalakshmi, Teekaramana, Sendhilkumar S, Mahalakshmi G S, 'Provenance Based Trust Evaluation Model in Social Network', Distributed and Parallel Databases (Springer) (Accepted for publication)

2. Dhanalakshmi Teekaramana, Sendhilkumar S, Mahalakshmi G S (2020), 'Semantic Provenance Based Trustworthy Users Classification on Book-Based Social Network using Fuzzy Decision Tree', International Journal of Uncertainty, Fuzziness and Knowledge-Based Systems, Vol. 28(1), pp: 47-77

3. G. S. Mahalakshmi, G. MuthuSelvi, S. Sendhilkumar, P.Vijayakumar, Yongxin Zhu, Victor Chang (2019), 'Sustainable Computing Based Deep Learning Framework for Writing Research Manuscripts', IEEE Transactions on Sustainable Computing, Vol. 4(1), pp: 4-16

4. G. S. Mahalakshmi , R. Siva, S. Sendhilkumar (2018), 'On the Expressive Power of Scientific Manuscripts', IEEE Transactions On Emerging Topics In Computing – Spl. Issue On Scholarly Big Data, DOI: 10.1109/ TETC.2018.2870179, pp: 1-1

5. Christiyana ArulSelvi, S. Sendhilkumar, G. S. Mahalakshmi (2018), 'Identifying Trusted Similar Users using Stochastic Model and Next-Closure based Knowledge Model in Online Social Networks', Cluster Computing (Springer), Vol. 1, pp: 1-11

6. Christiyana ArulSelvi , S. Sendhilkumar , G. S. Mahalakshmi (2018), 'Semantic approaches for tracking interest profiles in online social network', Journal of Web Engineering, Vol. 17 (6), pp: 2869-2881

7. AgastaAdline, G.S. Mahalakshmi and S. Sendhilkumar (2018), 'Graph Based Generation of Research Paper Summaries', Journal of Computational and Theoretical Nanoscience, Vol. 15(4), pp: 1106-1111

8. G. S. Mahalakshmi, G. Muthu Selvi, S. Sendhilkumar (2018), 'Generation of Author Topic Models Using LDA', Computational Vision and Bio Inspired Computing, (Editors: Hemanth, D. Jude, Smys, S.) , ISBN 978-3-319-71767-8, Vol (28), pp. 837-848

9. Christiyana Arulselvi ; S. Sendhilkumar ; S. Mahalakshmi (2018), 'Hybrid User Recommendation in Online Social Network', Computational Vision and Bio Inspired

Computing, (Editors: Hemanth, D. Jude, Smys, S.), ISBN 978-3-319-71767-8, Vol(28), pp 134-151

10. Smitha, S. Sendhilkumar, G. S. Mahalaksmi (2018), 'Meme Classification Using Textual and Visual Features', Computational Vision and Bio Inspired Computing, (Editors: Hemanth, D. Jude, Smys, S.), ISBN 978-3-319-71767-8;Series ISSN: 2212-9391, Vol(28), pp. 1015-1031

11. G. S. Mahalakshmi, G. Muthu Selvi and S. Sendhilkumar (2018), 'Measuring Authorial Indices from the Eye of Co-Author(s)', Springer Book Series on Advances in Intelligent Systems and Computing, (Series Editor: Prof. Dr. Janusz Kacprzyk, Editors: Panigrahi, B.K., Trivedi, M.C., Mishra, K.K., Tiwari, S., Singh, P.K.)   ISBN 978-981-10-8968-8, Vol (1), pp. 423-433

12. G. S. Mahalakshmi, G. Muthu Selvi and S. Sendhilkumar (2018), 'Hierarchical Modeling Approaches for Generating Author Blueprints', Springer Book Series on Advances in Intelligent Systems and Computing, (Series Editors: Prof. Dr. Janusz Kacprzyk, Editors: Panigrahi, B.K., Trivedi, M.C., Mishra, K.K., Tiwari, S., Singh, P.K.), 978-981-10-8968-8, Vol (1), pp. 411-422

13. Balaji, S. Sendhilkumar and Mahalakshmi G.S. (2017), 'Finding Related Research Papers using Semantic and Co-Citation Proximity Analysis', Journal of Computational and Theoretical Nanoscience, Vol. 14(6), pp: 2905-2909

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15. Vasantha Kumar, S. Sendhilkumar, and G.S. Mahalakshmi (2017), 'A Power-Graph Based Approach to Detection of Research Communities from Co-Authorship Networks', Journal of Computational and Theoretical Nanoscience, Vol. 14(12), pp: 5686-5695

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17. G S Mahalakshmi, Koquilamballe K. and S. Sendhilkumar (2017), Modeling Power Users in Twitter', Intl Jour. of Control Theory And Applications, Vol. 10(8), pp: 581-584

18. Srivani M, S. Sendhilkumar and Mahalakshmi G.S. (2017), 'Generation of word cloud using document topic models', Intl Jour. of Control Theory and Applications

19. G. Muthuselvi, G.S. Mahalakshmi, and S. Sendhilkumar (2017), 'Author attribution using stylometry for multi-author scientific publications', Advances in Natural and Applied Sciences, Vol. 10(8), pp: 42-48

20. G. S. Mahalakshmi, G. Muthu Selvi, S. Sendhilkumar (2017), 'A Bibliometric Analysis of Journal of Informetrics: A Decade Study', Second International Conference on Recent Trends and Challenges in Computational Models (ICRTCCM), pp: 222-227

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23. S. Sendhilkumar, M. Srivani, G. S. Mahalakshmi (2017), 'Generation of Word Clouds Using Document Topic Models', Second International Conference on Recent Trends and Challenges in Computational Models (ICRTCCM), pp: 306-308

24. Christiyana Arulselvi, S. Sendhilkumar, S. Mahalakshmi (2017), 'Classification of Tweets for Sentiment and Trend Analysis', International Conference on Intelligent Computing and Control Systems (ICICCS), pp: 566-573

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26. R. Siva, G.S. Mahalakshmi and S. Sendhilkumar (2016), Discovering Citation Manipulation Via Delayed Citation Recognition', Asian Journal of Information Technology, Vol. 15(12), pp: 1964-1969

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28. V Vasantha Kumar, S. Sendhilkumar and Mahalakshmi G.S. (2016), 'Representing Modified Co-Authorship Networks Using Power Graphs', Australian Journal of Basic and Applied Sciences, Vol. 10(2), pp: 240-249

29. Mithun Chakaravarrti, Mithul Mathivanan, G. S. Mahalakshmi, Betina Antony J and S. Sendhilkumar (2016), 'Scene Change Detection Approaches Over UT Interaction Dataset', Australian Journal Of Basic And Applied Sciences, Vol. 10(2), pp: 60-66

30. AgastaAdline, G.S. Mahalakshmi, M. Harish and S. Sendhilkumar (2016), 'Using Semantic Fields For Generating Research Paper Summaries', International Journal Of Computer Science And Information Security, Vol. 14, pp: 30-65

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34. Christiyana Arulselvi, S. Sendhilkumar, S. Mahalakshmi (2016), 'Provenance based Trust Computation for Recommendation in Social Network', International Conference on Informatics and Analytics, Article No:114 (ACM Digital Library)

35. Sumathi. G, S. Sendhilkumar, S. Mahalakshmi (2016), 'Hybrid Recommendation System using Particle Swarm Optimization and User Access based Ranking', International Conference on Informatics and Analytics, Article No:68 (ACM Digital Library)

36. Christiyana Arulselvi, S. Sendhilkumar, S. Mahalakshmi (2016), 'Reputation based Trust Computation for Social Network', National Conference On Intelligent Computing And Data Analytics, pp: 183-193

37. R Maivizhi, Selvaraju Sendhilkumar, G S Mahalakshmi (2016), 'A Classification and Survey of Community Detection Methods in Social Networks', National Conference on Intelligent Computing and Data Analytics, pp: 1-14

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40. G. S. Mahalakshmi, R. Siva, S. Sendhilkumar(2015), 'Context Based Retrieval of Scientific Publications via Reader Lens', Computational Intelligence in Data Mining - Volume 3. Smart Innovation, Systems and Technologies, vol 33. Springer, New Delhi (Editor: Jain L., Behera H., Mandal J., Mohapatra D.), ISBN 978-81-322-2202-6, Vol. 3, pp: 583-596