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Areas of Specialisation : Natural language Processing, Machine Learning

List of Publications

- 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
- 14) G Muthuselvi, G S Mahalakshmi, and S. Sendhilkumar (2017), 'An investigation on collaboration behavior of highly cited authors in journal of informetrics (2007-2016)', Journal of Computational and Theoretical Nanoscience, Vol. 14(8), pp: 3688-3691
- 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
- 16) GS Mahalakshmi, G MuthuSelvi, S Sendhilkumar (2017), 'Authorship analysis of JOI articles (2007-2016)', Intl Jour. Of Control Theory And Applications, Vol. 10(8), pp: 635-639
- 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
- 21) G. S. Mahalakshmi, K. Koquilamballe, S. Sendhilkumar (2017), 'Influential Detection in Twitter Using Tweet Quality Analysis', Second International Conference on Recent Trends and Challenges in Computational Models (ICRTCCM), pp: 315-319
- 22) Vasantha Kumar, S. Sendhilkumar, G. S. Mahalakshmi (2017), 'Author Similarity Identification using Citation Context and Proximity', Second International Conference on Recent Trends and Challenges in Computational Models (ICRTCCM), pp: 217-221
- 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
- 25) G Sumathi and S Sendhilkumar (2016), 'Enhancing Web Search Performance with Active User Categorization', Intl Jour. of Control Theory and Applications, Vol. 9(2), pp: 467-476
- 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
- 27) Balaji, S. Sendhilkumar and Mahalakshmi G.S. (2016), 'Progressive Path Analysis Using Optimized Discrete And Continuous Average Semantic Filters', Australian Journal of Basic and Applied Sciences, Vol. 10(2), pp: 224-233
- 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 Chakaravarthi, Mithul Mathivanan, G. S. Mahalakshmi, Betina Antony J and
- 30) S. Sendhilkumar (2016), 'Scene Change Detection Approaches Over UT Interaction Dataset', Australian Journal Of Basic And Applied Sciences, Vol. 10(2), pp: 60-66
- 31) 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
- 32) R. Siva , G.S. Mahalakshmi and S. Sendhilkumar (2016), 'Block Diagram Components Information Extraction and Grading of Research Paper based on Graphical Images', Intl Jour. of Control Theory and Applications, Vol. 9(2), pp: 179-187

- 33) R. Siva , G.S. Mahalakshmi and S. Sendhilkumar (2016), '1-hop Greedy Cite order Plagiarism Detection', Intl Jour. of Control Theory and Applications, Vol. 10(8), pp: 585-588
 - 34) R Maivizhi, Selvaraju Sendhilkumar, G S Mahalakshmi (2016), 'A Survey of Tools for Community Detection and Mining in Social Networks', International Conference on Informatics and Analytics, Article No:71 (ACM Digital Library)
 - 35) 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)
 - 36) 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)
 - 37) 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
 - 38) 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
 - 39) G Sumathi, S Sendhilkumar and G S Mahalakshmi (2015), 'Ranking Pages of Clustered Users using Weighted Page Rank Algorithm With User Access Period', International Journal of Intelligent Information Technologies, Vol. 11(4), pp:16-36
 - 40) Rafeeqe P C, Sendhilkumar S and Mahalakshmi G S (2015), 'Twitter Sentiment Analysis For Large Scale Data: An Unsupervised Approach', Cognitive Computation, Vol. 7(2), pp: 254-262
 - 41) 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
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