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List of Publications

1. Senthilselvan N., **Subramaniyaswamy V.,** Sivaramakrishnan N., Gandomi, A.H. (2020) "Resolving data sparsity and cold start problem in collaborative filtering recommender system using Linked Open Data", **Elsevier Expert Systems with Applications**, 149,113248, pp. 1-9. [**SCI/SCIE Indexed, Impact Factor: 4.292]**

2. Logesh R., **Subramaniyaswamy V.,** Vijayakumar V., Xiao–Zhi Gao, Gai–Ge Wang. (2020) "Hybrid Bio–inspired User Clustering for the Generation of Diversified Recommendations", **Springer Neural Computing and Applications,** 32(7), pp. 2487-2506. [**SCI/SCIE Indexed, Impact Factor: 4.213**]

3. Sivaramakrishnan, N., **Subramaniyaswamy, V**., Viloria, A., Vijayakumar, V., & Senthilselvan, N. (2020). A deep learning-based hybrid model for recommendation generation and ranking. **Springer Neural Computing and Applications,** pp. 1-18. [**SCI/SCIE Indexed, Impact Factor: 4.213**]

4. Logesh R., **Subramaniyaswamy V.,** Malathi D., Sivaramakrishnan N., Vijayakumar V. (2020) "Enhancing Recommendation Stability of Collaborative Filtering Recommender System through Bio–inspired Clustering Ensemble method", **Springer Neural Computing and Applications,** 32(7), pp. 2141–2164. [**SCI/SCIE Indexed, Impact Factor: 4.213**]

5. Arunkumar S., **Subramaniyaswamy V.,** Vijayakumar V., Logesh R. (2020) "A secure multimedia steganography scheme using hybrid transform and support vector machine for cloud-based storage" **Springer Multimedia Tools and Applications**, pp. 1-25. [**SCI/SCIE Indexed, Impact Factor: 2.101**]

6. S.Sudhakar., V.Vijayakumar., C.Sathiya Kumar., V.Priya., Logesh Ravi., **V.Subramaniyaswamy**. (2020) "Unmanned Aerial Vehicle (UAV) based Forest Fire Detection and monitoring for reducing false alarms in forest-fires", Elsevier Computer Communications, 149, pp. 1-16. [**SCI/SCIE Indexed, Impact Factor: 2.766**]

7. Vijayakumar V., Malathi D., **Subramaniyaswamy V.,** Saravanan P., Logesh R. (2019) "Fog Computing–based Intelligent Healthcare System for the Detection and Prevention of Mosquito–borne Diseases", **Elsevier Computers in Human Behavior**, 100, pp. 275-285. [**SSCI Indexed, Impact Factor: 4.306**]

8. Logesh R., **Subramaniyaswamy V.,** Vijayakumar V., Xiong Li. (2019) "Efficient User Profiling based Intelligent Travel Recommender System for Individual and Group of Users", **Springer Mobile Networks and Applications,** 24(3), pp. 1018-1033. [**SCI/SCIE Indexed, Impact Factor: 2.497**]

9. **Subramaniyaswamy V.,** Gunasekaran Manogaran, Logesh R., Vijayakumar V., Naveen Chilamkurti, Malathi D., Senthilselvan N. (2019) "An ontology–driven personalized food

recommendation in IoT–based healthcare system", **Springer Journal of Supercomputing,** 75(6), pp. 3184-3216. [**SCI/SCIE Indexed, Impact Factor: 1.532**]

10. Vijayakumar, V., **Subramaniyaswamy, V.,** Abawajy, J., & Yang, L. (2019). "Intelligent, smart and scalable cyber-physical systems". **Journal of Intelligent & Fuzzy Systems**, 36(5), pp. 3935-3943. [**SCI/SCIE Indexed, Impact Factor: 1.426**]

11. Logesh R., **Subramaniyaswamy V.,** Malathi D., Saravanan P. (2019) "Location–Based Personalized Recommender System in the Internet of Cultural Things", **IOS Press Journal of Intelligent & Fuzzy Systems,** 36(5), pp. 4141-4152. [**SCI/SCIE Indexed, Impact Factor: 1.426**]

12. Logesh R., **Subramaniyaswamy V.,** Vijayakumar V., Siguang Chen, Karmel A., Malathi D. (2019) "Hybrid Location–based Recommender System for Mobility and Travel Planning", **Springer Mobile Networks and Applications,** pp.1-14. [**SCI/SCIE Indexed, Impact Factor: 2.497**]

13. Logesh R., **Subramaniyaswamy V.,** Malathi D., Ravichandran K.S., Arunkumar S., Indragandhi V., Vijayakumar V. (2019) "SECRECSY: A secure framework for enhanced privacy–preserving location recommendations in cloud environment", **Springer Wireless Personal Communications,** pp.1-39. [**SCI/SCIE Indexed, Impact Factor: 1.2**]

14. Malathi D., **Subramaniyaswamy V.,** Vijayakumar V., Logesh R. (2019) "Fog–assisted Personalized Healthcare–Support System for Remote Patients with Diabetes", **Springer Journal of Ambient Intelligence & Humanized Computing,** pp.1-14. [**SCI/SCIE Indexed, Impact Factor: 1.423**]

15. Malathi D., Logesh R., **Subramaniyaswamy V.,** Vijayakumar V., Arun Kumar Sangaiah. (2019) "Hybrid Reasoning–based Privacy–aware Disease Prediction Support System", **Elsevier Computers and Electrical Engineering**, 73, pp. 114–127. [**SCI/SCIE Indexed, Impact Factor: 1.747**]

16. Senthilselvan N., **Subramaniyaswamy V.,** Logesh R. (2019) "Fuzzy Ontology–Based Personalized Recommendation for Internet of Medical Things with Linked Open Data", **IOS Press Journal of Intelligent & Fuzzy Systems,** 36(5), pp. 4065-4075. [**SCI/SCIE Indexed, Impact Factor: 1.426**]

17. Reddy, A., Indragandhi, V., Ravi, L., & **Subramaniyaswamy, V.** (2019) "Detection of Cracks and damage in wind turbine blades using artificial intelligence-based image analytics", 147, 106823. **Elsevier Measurement**. [**SCI/SCIE Indexed, Impact Factor: 2.218**]

18. Arunkumar S., **Subramaniyaswamy V.,** Vijayakumar V., Naveen Chilamkurti, Logesh R. (2019) "SVD–based Robust Image Steganographic Scheme using RIWT and DCT for Secure Transmission of Medical Images", 139, pp. 426-437. **Elsevier Measurement**. [**SCI/SCIE Indexed, Impact Factor: 2.218**]

19. Malathi D., Sabiyath Fatima N., **Subramaniyaswamy V.,** Logesh R. (2019) "Swarm Intelligence Clustering Ensemble based Point of Interest Recommendation for Social Cyber–Physical Systems", **IOS Press Journal of Intelligent & Fuzzy Systems,** 36(5), pp. 4349-4360. [**SCI/SCIE Indexed, Impact Factor: 1.426**]

20. Sivaramakrishnan N., **Subramaniyaswamy V.,** Logesh R. (2019) "Optimized Fuzzy–based group recommendation with Parallel Computation", **IOS Press Journal of Intelligent & Fuzzy Systems,** 36(5), pp. 4189-4199. [**SCI/SCIE Indexed, Impact Factor: 1.426**]

21. Sankar H., **Subramaniyaswamy V.,** Vijayakumar V., Arun Kumar Sangaiah, Logesh R., Umamakeswari A. (2019) "Intelligent Sentiment Analysis approach using Edge Computing–based Deep Learning Technique", **Wiley Software: Practice and Experience**. [**SCI/SCIE Indexed, Impact Factor: 1.338**]

22. Logesh R., **Subramaniyaswamy V.,** Vijayakumar V., Xiao–Zhi Gao, Indragandhi V. (2018) "A hybrid quantum–induced swarm intelligence clustering for the urban trip recommendation in smart city", **Elsevier Future Generation Computer Systems**, 83, pp. 653–673. [**SCI/SCIE Indexed, Impact Factor: 4.639**]

23. Logesh R., **Subramaniyaswamy V.** (2017) "A Reliable Point of Interest Recommendation based on Trust Relevancy between Users", **Springer Wireless Personal Communications**, 97 (2), pp. 2751–2780. [**SCI/SCIE Indexed, Impact Factor: 1.2**]

24. **Subramaniyaswamy V.,** Logesh R. (2017) "Adaptive KNN based Recommender System through Mining of User Preferences", **Springer Wireless Personal Communications**, 97 (2), pp. 2229–2247. [**SCI/SCIE Indexed, Impact Factor: 1.2**]

25. Logesh R., **Subramaniyaswamy V.** (2017) "Learning Recency and Inferring Associations in Location Based Social Network for Emotion Induced Point–of–Interest Recommendation", **Journal of Information Science and Engineering**, 33 (6), pp. 1629–1647. [**SCI/SCIE Indexed, Impact Factor: 0.468**]

26. **Subramaniyaswamy V.,** Logesh R., Abejith M., Umasankar S., Umamakeswari A. (2017) "Sentiment analysis of tweets for estimating criticality and security of events", **IGI–Global Journal of Organizational and End User Computing**, 29 (4), pp. 51–71. [**SCI/SCIE Indexed, Impact Factor: 0.759**]

27. Logesh R., **Subramaniyaswamy V.** (2016) "A Collaborative Location Based Travel Recommendation System through Enhanced Rating Prediction for the Group of Users", **Computational Intelligence and Neuroscience**, 2016, art. no. 1291358. [**SCI/SCIE Indexed, Impact Factor: 1.215**]

28. **Subramaniyaswamy V.,** Vijayakumar V., Indragandhi V., Logesh R., (2015) "Data mining–based tag recommendation system: An overview", **Wiley Interdisciplinary Reviews: Data Mining and Knowledge Discovery**, 5 (3), pp. 87–112. [**SCI/SCIE Indexed, Impact Factor: 1.759**]