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Publications: (Last 5 years)

1. **P.Valarmathie,** "Training Video Data using Rolling Prediction for Semantic Content Extraction", International Journal of Speech Technology.- Springer, **Communicated**
2. **P.Valarmathie,** "Efficient Pattern Matching for Uncertain Time Series Data with Optimal Sampling and Dimensionality Reduction", Microprocessors and Microsystems, Volume 75, Page: 103057, Elsevier, June 2020.
3. **P.Valarmathie** and K.Priya , Multilevel Sentiment Analysis using Domain Thesaurus, Journal of Ambient Intelligence & Humanized Computing, Springer, April 2020. **SNMP: 1.615**
4. **P.Valarmathie** , "Quality of service (Qos) and priority aware models for adaptive efficient image retrieval in WSN using TBL routing with RLBP features", Journal of Ambient Intelligence & Humanized Computing, Springer, April 2020. Pages: 1-10, **SNMP: 1.615.**
5. **P.Valarmathie** and A.Manju , Video Analytics for Semantic Substance Extraction using OpenCV in Python, Journal of Ambient Intelligence & Humanized Computing, Springer, February 2020. **SNMP: 1.615.**
6. **P.Valarmathie,** "Integration of Software Components With Moodle Platform for Efficient Virtual Learning", Journal of TEST Engineering and Management, Volume 82, Pages: 2991-2996, Scopus, February 2020.
7. **P.Valarmathie,** "Improving the Quality of Online Education through Virtual and Augmented Reality", Journal of TEST Engineering and Management, Volume 82, Pages: 3113-3118, Scopus, February 2020.

8. **P.Valarmathie**, "Training Video Data For Semantic Content Extraction in Surveillance using Tensorflow", Journal of TEST Engineering and Management, Volume 82, Pages: 3016-3024, Scopus, February 2020.
9. K.R.Sathishkumar and **P.Valarmathie**, "Classifying and Rationalizing Twitter Sentiment Through Classification Algorithms", Journal of Critical Reviews, Scopus, Volume 7, Issue 4, Pages: 137-139, 2020.
10. S.Sadhasivam and **P.Valarmathie**, "Discovering And Expansion The Irregular Manners Of Users In Online Social Networks Using Data Mining Techniques", Journal of Critical Reviews, Scopus, Volume 7, Issue 4, Pages: 331-333, 2020.
11. P.Prabhu and **P.Valarmathie**, "To Forecast Learner Using Mining Classification To Evaluate Tertiary Education", Journal of Critical Reviews, Scopus, Volume 7, Issue 4, Pages: 329-330, 2020.
12. **P.Valarmathie**, "Digital Ownership by Biometric Watermarking", International Journal of Engineering and Advanced Technology, Scopus, Volume 9, Issue 18, 2019.
13. **P. Valarmathie**, "Enterobacteriaceae Protein Virulence Prediction based on Hybrid Composition Features using Support Vector Machines" Elsevier, 2019, Page no: 1603-1610, ISSN No: 2214-7853.
14. **P. Valarmathie**, "PSSRDBModel- Protein 3D Structure Prediction Server based on the Secondary Structure Informations" Elsevier, 2019, Page no: 1596-1602, ISSN No: 2214-7853.
15. **P. Valarmathie**, "A Study on Twilight Zone Proteins Consensus Secondary Structure Prediction" Global Journal of Engineering Science and Researches International, November 2018, Page no: 264-271, Thomson Reuters, ISSN No: 2348-8034.
16. Ms. A. Manju, Assistant Professor (SG) and **P. Valarmathie**, Professor, Department of Computer Science and Engineering for publishing their Paper "Fuzzy Rule Based Model For Semantic Content Extraction In Video Big Data" in ARPN Journal of Engineering and Applied Sciences, Volume 13, Number 09, May 2018, Scopus Indexed, ISSN: 1819-6608, **Impact Factor: 0.391**
17. **P. Valarmathie**, "Function Based Predictions of Protein Fold Recognition using Go-Term" in Journal of Engineering and applied Sciences, Volume 12(24), 2017 Page No: 7534-7538. Scopus indexed, ISSN No: 1816-949X, **Impact Factor: 0.38**
18. **P.Valarmathie** and P.M. Lavanya, "Big Data in Healthcare Using Cloud Database with Enhanced Privacy", International Journal of Advanced Research in Computer Engineering & Technology (IJARCET), ISSN No: 2278-1323, Volume 5, Issue 5, May 2016. (**Impact Factor: 3.69**)
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20. **P.Valarmathie** and K.Magesh Kumar, "Domain and Intelligence based Question Answering System", International Journal of Interdisciplinary in Engineering Science & Technology, ISSN 2455-8494 Vol. 1, No. 1, January 2016.
21. **P.Valarmathie** and A. Manju, "A study on Organizing Multimedia Bigdata", International Journal of Interdisciplinary in Engineering Science & Technology, ISSN 2455-8494 Vol. 1, No. 1, January 2016.

22. **P.Valarmathie** and A.Manju , "Impact of Big Data by Proliferation of Videos in Video Surveillance", International Journal of Control Theory and Applications", Volume 9, Issue 36, 2016, pp. 685-693. **(Impact Factor: 0.53)**
23. **P.Valarmathie** and G. Kavitha, "An Algorithm for Imputing Missing Values in MicroarrayGene Expression Data ", Asian Journal of Research in Social Sciences and Humanities, ISSN No: 2249-7315,Vol. 6, Issue 6, Special Issue June 2016, pp. 289-301.**(Impact Factor: 0.25)**
24. **P.Valarmathie**, V. Sivakrithika and K.Dinakaran, "Classification of Mammogram Masses Using Selected Texture, Shape and Margin Features with Multilayer Perceptron Classifier", Biomedical Research , Special Issue, 2016, pp: S310-S313.**(Impact Factor: 0.226)**
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