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BOOKS CHAPTERS

| S.No | Title | Author | Year | Book Chapter |
|------|---|--|------|--|
| 1. | Machine Learning and IoT Augmented Classification and Prediction of Obstructive Sleep Apnea (OSA) | Nishita Anand, Reeth Nalamitha, M. J. Vidya, K. V. Padmaja, P. M. Rajasree | 2022 | Human-Machine Interaction and IoT Applications for a Smarter World |
| 2. | A Survey: Brain Tumor Detection Using MRI Image with Deep Learning Techniques | Chalapathiraju Kanumuri CH. Renu Madhavi | 2022 | Smart and Sustainable Approaches for Optimizing Performance of Wireless Networks. Available from: Vital Source Bookshelf, Wiley Professional and Trade, pp125- 138 |
| 3. | A Novel Authentication Approach Towards Secured Storage of Electronic Patient Record Using 3D Dynamic Order Template | M. J. Vidya, K. V. PadmajaRevan Kumar JoshiK. Veena Divya, P. M. Rajasree, Praveen Kumar Gupta | 2021 | EAI/Springer Innovations in Communication and Computing |
| 4. | Microcontroller-based detection of diabetes and ketosis state using breath sensors | Renumadhavi, C.H., Jamuna, N., Chandana, A.N. Kallur, R., Sindhu, R. | 2020 | Advances in Intelligent Systems and Computing2020, 1124 , pp. 1–17 |
| 5. | Performance Analysis of Data Communication Using Hybrid NoC for Low Latency and High Throughput on FPGA | Amaresh, C., Jatti, A. | 2020 | Advances in Intelligent Systems and Computing |
| 6. | DNA-based XOR operation (DNAX) for data security using DNA as a storage medium | Siddaramappa, V., Ramesh, K.B. | 2019 | Studies in Computational Intelligence |
| 7. | A Correlative Study of contrary Image Segmentation Methods Appending Dental Panoramic X-ray Images to Detect Jawbone Disorders | Krishnappa VeenaDivya, Anand Jatti | 2019 | Springer's Nature Singapore Pvt Ltd |



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| 8. | Appending photoplethysmograph as a security key for encryption of medical images using watermarking | Vidya, M.J., Padmaja, K.V. | 2019 | Advances in Intelligent Systems and Computing |
|-----|---|--|------|--|
| 9. | Relaxed greedy-based approach for enhancing of resource allocation for future cellular network | Reddy, C.V., Padmaja, K.V. | 2019 | Advances in Intelligent Systems and Computing |
| 10. | A novel experimental prototype for assessing IoT performance on real-time analytics | Manujakshi, B.C., Ramesh, K.B. | 2019 | Advances in Intelligent Systems and Computing |
| 11. | FARIP: Framework for artifact removal for image processing using JPEG | Shashidhar, T.M., Ramesh, K.B. | 2019 | Advances in Intelligent Systems and Computing |
| 12. | Patch-based feature extraction algorithm for mammographic cancer images | Rajasree, P.M., Jatti, A. | 2019 | Advances in Intelligent Systems and Computing |
| 13. | Detection of exudates through local binary pattern in diabetic retinopathy | Suma, R., Devaraj, D., Prasanna Kumar, S.C. | 2018 | Communications in Computer and Information Science |
| 14. | Robust detection of hard exudates for diagnosis of non-proliferative diabetic retinopathy using integrated approach | Devaraj, D., Prasanna Kumar, S.C. | 2018 | Advances in Intelligent Systems and Computing |