



Papers Published by Faculties

1. **Anni.J.S.** and Sangaiah.A.K.(2018)"Wireless Integrated Sensor Network: Boundary Intellect System for Elephant Detection via Cognitive Theory and Fuzzy Cognitive Maps", *Future Generation Computer Systems(Elsevier)*, Vol.83, pp.522-534 (**Impact Factor: 7.187**), (**SCI indexed**)
<https://doi.org/10.1016/j.future.2017.02.019>
2. **JerlineSheebhaAnniDhanaraj** &Arun Kumar Sangaiah(2018) "Elephant Detection using Boundary Sense Deep Learning (BSDL) Architecture", *Journal of Experimental & Theoretical Artificial Intelligence*, (**Taylor and Francis**)(**Impact Factor: 2.340**), (**SCI indexed**).
<https://doi.org/10.1080/0952813X.2018.1552316>
3. **JerlineSheebhaAnni**, Arun Kumar Sangaiah, Prabu Mohandas &Aniello Castiglione (2020), "Cognitive IoT System with Intelligence Techniques in Sustainable Computing Environment", *Computer Communication (Elsevier)*,Vol.15, pp. 347-360,(**Impact Factor: 3.167**), (**SCI Indexed**).
<https://doi.org/10.1016/j.comcom.2020.02.049>
4. **JerlineSheebhaAnni DHANARAJ**&Arun Kumar SANGAIAH (2017) "A Wireless Sensor Network based on Unmanned Boundary Sensing Technique for Minimizing Human Elephant Conflicts", *Studies in Informatics and Control*, Vol. 26(4), pp.459-468, 2017 (**Impact Factor: 2.102**), (**SCI Indexed**)
<https://doi.org/10.24846/v26i4y201710>
5. **JerlineSheebhaAnni**&Arun Kumar Sangaiah (2016), "Elephant Tracking with Seismic Sensors: A Technical Perceptive Review", *JurnalTeknologi*, Vol. 74(1), pp.193-203 (**Impact Factor: 0.43**), (**Scopus Indexed, ESCI-WOS**).
<https://doi.org/10.11113/jt.v74.3614>
6. **JerlineSheebhaAnni**,Prabu Mohandas&Xiao-Zhi Gao (2019), "Artificial Neural Network based Smart and Energy Efficient Street Lighting System: A Case Study for Residential area in Hosur", *Sustainable Cities and Society (Elsevier)*, Vol.48, (**Impact Factor: 7.587**), (**SCI indexed**).
<https://doi.org/10.1016/j.scs.2019.101499>
7. Mohammed Alameri, KhairunnisaHasikin, NahrizulAdibKadri, NashrulFazliMohd Nasir, PrabuMohandas &**JerlineSheebaAnniD**, Muhammad MokhzainiAzizan(2021) "Multi-Stage Optimization Using Modified Gaussian Mixture Model in Sperm Motility

Tracking”, *Computational and Mathematical Methods in Medicine*, (**Impact Factor:2.238**), (**SCI indexed**). <https://doi.org/10.1155/2021/6953593>

8. Prabu Mohandas & Jerline Sheebha Anni D, Raj Kumar Thanasekaran, Khairunnisa Hasikin, Muhammad Mokhzaini Azizan (2021), “Object Detection and Movement Tracking using Tubelets and Faster RCNN Algorithm with Anchor Generation”, *Wireless Communications and Mobile Computing (Wiley)* (**Impact Factor:2.336**), (**SCI indexed**).
<https://doi.org/10.1155/2021/8665891>
9. Prabu Mohandas & Jerline Sheebha Anni D, Choudhury, T., & Raj kumar, T. (2021) “Elephant movement mapping in Hosur forest border areas to detect the elephant intrusion pattern and mitigation measures to resolve human–elephant conflict”. *GeoJournal* (Springer). (**Impact Factor:1.733**), (**Scopus indexed**).
<https://doi.org/10.1007/s10708-021-10481-8>