

**DR. JAVED IQBAL BANGASH**  
**LIST OF PUBLICATIONS**

**JOURNAL PUBLICATIONS**

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- Abdullah Khan, Junaid Bukhari, Javed Iqbal Bangash, Asfandyar Khan, Muhammad Imran, Muhammad Asim, Muhammad Ishaq, and Arshad Khan, “Optimizing Connection Weights of Functional Link Neural Network Using APSO Algorithm for Medical Data Classification”, *Journal of King Saud University – Computer and Information Sciences*, (In Press) (**Impact Factor: 0.793**).
- Syed Wasif Abbas Hamdani, Abdul Waheed Khan, Naima Latif, **Javed Iqbal Bangash**, Yawar Abbas Bangash, Asfandyar Khan, “Dynamic Distributed Trust Management Scheme for the Internet of Things”, *Turkish Journal of Electrical Engineering & Computer Sciences*, (In Press), (**Impact Factor: 0.682**).
- Abdullah Khan, Haruna Chiroma, Muhammad Imran, Asfandyar Khan, **Javed Iqbal Bangash**, Muhammad Asim, Mukhtar Hamza and Hanan Aljuaid, (2020) “Forecasting electricity consumption based on machine learning to improve performance: A case study for the organization of petroleum exporting countries (OPEC)”, *Computers & Electrical Engineering*, Vol. 86, pp. 1-14 (**Impact Factor: 1.57**).
- Anwer Shah, **Javed Iqbal Bangash**, Abdul Waheed Khan, Imran Ahmed, Abdullah Khan, Asfandyar Khan, and Arshad Khan, (2020), Comparative Analysis of Median Filter and its Variants for Removal of Impulse Noise from Gray Scale Images, *Journal of King Saud University – Computer and Information Sciences*, pp. 1-15 (**Impact Factor: 0.793**).
- Fazli Subhan, Asfandyar Khan, Sajid Saleem, Shakeel Ahmed, Muhammad Imran, Zubair Asghar, and **Javed Iqbal Bangash** (2019). Experimental Analysis of Received Signals Strength in Bluetooth Low Energy (BLE) and Its Effect on Distance and Position Estimation. *Transactions on Emerging Telecommunications Technologies*. Vol. 30, pp. 1-10 (**Impact Factor: 1.258**).
- Adil Sheraz, **Javed Iqbal Bangash**, Abdul Waheed Khan, Muhammad Imran, Asfandyar Khan, Abdullah Khan, Muhammad Ishaq, and Wajid Ullah Khan (2019). A Dynamic Swift Association Scheme for Wireless Body Area Networks. *Transactions on Emerging Telecommunications Technologies*. Vol. 30, pp. 1-12 (**Impact Factor: 1.258**).
- Abdullah Khan, Rahmat Shah, Muhammad Imran, Asfandyar Khan, **Javed Iqbal Bangash**, Khalid Shah (2019). An alternative Approach to Neural Network Training based on Hybrid Bio Meta-Heuristic Algorithm. *Journal of Ambient Intelligence and Humanized Computing*. Vol. 10, No. 7, pp. 1-10 (**Impact Factor: 1.910**).
- Adil Sheraz, Wajid Ullah Khan, **Javed Iqbal Bangash**, Syed Irfan Ullah, Abdus Salam, Abdul Waheed Khan, Sheeraz Ahmed (2018). Impact of Beacon Order and Superframe Order on IEEE802.15.4 for Nodes Association in WBAN. *EAI Endorsed Transactions on Energy Web and Information Technology*. Vol. 5, No. 17. pp. 1-6.
- Abdul Waheed Khan, **Javed Iqbal Bangash**, Adnan Ahmed, Abdul Hanan Abdullah. (2017). QDVGDD: Query-Driven Virtual Grid based Data Dissemination for Wireless Sensor Networks using Single Mobile Sink. *Wireless Networks*. Vol. 25, No. 1, pp. 241-253. (**Impact Factor: 2.405**).

- **Javed Iqbal Bangash**, Abdul Hanan Abdullah, and Abdul Waheed Khan. (2015). Data-Centric Routing for Intra Wireless Body Sensor Networks. *International Journal of Medical Systems*. Vol. 39, No. 91. pp. 1-13. (**Impact Factor: 2.415**).
- Abdul Waheed Khan, Abdul Hanan Abdullah, Muhammad Abdur Razzaque, and **Javed Iqbal Bangash**. (2015). VGDR: Virtual Grid based Dynamic Routes Adjustment Scheme for Mobile Sink Based Wireless Sensor Networks. *IEEE Sensors Journal*. Vol. 15, No. 1. pp. 526-534. (**Impact Factor: 3.076**).
- **Javed Iqbal Bangash**, Abdul Hanan Abdullah, Abdul Waheed Khan, Muhammad Abdur Razzaque, and Rohana Yusof. (2015). Critical Data Routing (CDR) for Intra Wireless Body Sensor Networks. *TELKOMNIKA Telecommunication Computing Electronics and Control*. Vol. 13, No. 1. pp. 181-192. (**Scopus Indexed**).
- Abdul Waheed Khan, Abdul Hanan Abdullah, Muhammad Abdur Razzaque, **Javed Iqbal Bangash**, and Ayman Altameem. (2015). VGDD: A Virtual Grid based Data Dissemination Scheme for Wireless Sensor Networks with Mobile Sink. *International Journal of Distributed Sensor Networks*. Vol. 2015, Article ID. 890348, p. 17. (**Impact Factor: 1.614**).
- **Javed Iqbal Bangash**, Abdul Hanan Abdullah, Mohammad Hossein Anisi, and Abdul Waheed Khan. (2014). A Survey of Routing Protocols in Wireless Body Sensor Networks. *Sensors (Basel, Switzerland)*. Vol. 14, No. 1. pp. 1322-1357. (**Impact Factor: 3.031**).
- **Javed Iqbal Bangash**, Abdul Hanan Abdullah, Muhammad Abdur razzaque, and Abdul Waheed Khan. (2014). Reliability-Aware Routing (RAR) for Intra Wireless Body Sensor Networks. *International Journal of Distributed Sensor Networks*. Vol. 2014, Article No. 786537. p. 10. (**Impact Factor: 1.614**).
- Abdul Waheed Khan, Abdul Hanan Abdullah, Mohammad Hossein Anisi, and **Javed Iqbal Bangash**. (2014). A Comprehensive Study of Data Collection Schemes Using Mobile Sink in Wireless Sensor Networks. *Sensors (Basel, Switzerland)*. Vol. 14, No. 2. pp. 2510-2548. (**Impact Factor: 3.031**).
- **Javed Iqbal Bangash**, Abdul Hanan Abdullah and Abdul Waheed Khan. (2014). Issues and Challenges in Localization of Wireless Sensor Networks. *Science International (Lahore)*. Vol. 26, No. 2. pp. 595-603.
- Abdul Waheed Khan, Abdul Hanan Abdullah, and **Javed Iqbal Bangash**. (2014). Issues towards Efficient Time Synchronization in Wireless Sensor Networks. *TELKOMNIKA Indonesian Journal of Electrical Engineering*. Vo. 12, No. 10. pp. 7509–7522.

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- Tahira Khalil, **Javed Iqbal Bangash**, Abdus Salam and Awais Adnan. (2016). Low Level Visio-Temporal Features for Violence Detection in Cartoon Videos. *2016 Sixth IEEE International Conference on Innovative Computing Technology (INTECH)*. pp. 320-325.
- Asim Zeb, **Javed Iqbal Bangash**, A. K. M Muzadidul Islam, Sabariah Baharun, Atiq ur Rehman, Yoshiaki Katayama. (2016). Network Formation and Data Centric Routing in Wireless Sensor Networks. *1<sup>st</sup> International Conference on Advanced Information and Communication Technology (ICAICT)*. p. 7.
- Tareek I. Haweel, and **Javed Iqbal Bangash**, (2013). Volterra Neural Analysis of Fetal

Cardiotocographic Signals", *First IEEE International Conference on Communications, Signal Processing and their Application Sharjah, UAE*. Feb. 2013.