Publications

Electrical Engineering

Year 2019

Journals

- 1. Marwan Alakhras, Mousa Hussein, Mourad Oussalah, "Fuzzy Sets and Game Theory in Green Supply Chain: An Optimization Model: An Optimization Model," Intelligent Computing. Advances in Intelligent Systems and Computing, vol 997. Springer, Cham, 2019.
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- 5. Mousa Hussein, Falah Awwad, Dwija Jithin, Husain El Hasasna, Khawlah Athamneh, and Rabah Iratni. "Breast cancer cells exhibits specific dielectric signature in vitro using the open-ended coaxial probe technique from 200 MHz to 13.6 GHz." Scientific Reports, Scientific Reports, published online March 18, 2019; Publisher: Nature Publishing Group.
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- 10. S.S. Khan, H. Shareef, A.H.Mutlag, Dynamic temperature model for proton exchange membrane fuel cell using online variations in load current and ambient temperature, International Journal of Green Energy, 2019, 16 (5), pp. 361-370, DOI: 10.1080/15435075.2018.1564141, Abs./Ind.: ISI. impact factor: 0.44, Q3 (2017 JCR). Pages:9
- 11. M. Asna, H. Shareef, S.N. Khalid, A. Al Dosari, B. Hamad, M. Alhammadi, N. Aldarmaki, Analysis and Design of Single Phase Voltage-Frequency Converter with Optimized PI Controller, International Journal of Power Electronics and Drive System, 2018, 10(1), pp. 522-529, DOI: 10.11591/ijpeds.v10.i1.pp522-529, Abs./Ind.: Scopus Pages: 7
- 12. A. O. Idris, H. Shareef, S. N. Khalid, Md. M. Islam, S. Akbar, A. A. Alkhatib, Coordinated Allocation of Dispersed Reactive Power Resources for Voltage Regulation and Loss Minimization, International Journal of Engineering & Technology, 2019, 8 (1.7) pp. 153-161, DOI: 10.14419/ijet.v8i1.7.25971, Abs./Ind.: Scopus Pages: 8
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- 1. Syed S. Jehangir, Mousa I. Hussein, I. J. Rajmohan, Y. Haik, Q. Clément and N. Vukadinovic, "Polyurethane-Based Functionalized CNT Composites as Absorbers for Microwave Applications," IEEE MTT-S International Microwave Workshop Series on Advanced Materials and Processes 2019 conference (IMWS-AMP 2019, Bochum, Germany), July 16-18, 2019.
- 2. Nadeem Iqbal, Osman Hasan, Umair Siddique and Falah Awwad. "Formalization of Asymptotic Notations in HOL4." The 4th International Conference on Computer and Communication Systems (ICCCS 2019), February 23-25, 2019, Singapore.
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- 8. A. Hijazi, A. El Moutaouakil, "Study of MoS2 nanoribbons for THz Applications," The 12th UK/Europe-China Workshop on Millimetre-Waves and Terahertz Technologies (UCMMT) 2019 20-22 August 2019 | Queen Mary University of London, UK
- 9. A. Hijazi, A. El Moutaouakil, "Graphene And MoS2 Structures For THz Applications," 44th International Conference on Infrared, Millimeter, and Terahertz Waves (IRMMW-THz'19), Paris, France, September 1-6, 2019
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- 11. M. S. Laghari & A. Hassan, "Wear Particle Texture Analysis", IEEE 3rd International Conference on Imaging, Signal Processing and Communication (ICISPC'2019), paper will indexed in IEEE Xplore, Singapore, July 27-29, 2019.
- 12. Hussain Shareef, Mohammad Shakeel Laghari, Saad Saleem Khan, & Khairuddin khalid, "Effectiveness of Online Student Advising System within the Electrical Engineering Department at UAE University", 3rd Progress in Continuing Engineering Education and Life Long Learning International Conference 2019 (CEELLIC 2019), Kuala Lumpur, Malaysia, September 13-15, 2019.

Book Chapters

- 1. Fuzzy Sets and Game Theory in Green Supply Chain: An Optimization Model, in the Book: Intelligent Computing, Springer, Vol. 1, 149-164, 2019. DOI 978-3-030-22871-2_12, © 2019, Dr. Mousa Hussein.
- 2. M. Al-tekreeti, S. Naik, A. Abdrabou, M. Zaman, and P. Srivastava, "A Methodology for Generating Tests for Evaluating User-Centric Performance of Mobile Streaming Applications," (Book Chapter) in Model-Driven Engineering and Software Development, Springer Book, 2019, DOI 978-3-030-11030-7_18.

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- 1. Falah Awwad, et al., "PROCESS AND DEVICE FOR DIRECT MEASUREMENTS OF PLANT STOMATA" US-Patent Application No 14/968,954 Filing Date: 15 December 2015. Projected publication date: June 15, 2017. Granted/Awarded: June 12, 2019.
- 2. Rashad Ramzan, Muhammad Amin, Omar Farooq Siddiqui, Nabil Bastaki. "Microstrip circuits exhibiting electromagnetically induced transparency and fano resonance." US Patent No. 10186743, January 22, 2019.
- 3. Rashad Ramzan, Azam Beg, Nabil Bastaki. "Temperature Monitoring of Subject Bodies Using Wireless Energy Transfer." US Pattent No. 10222270, Mar. 5, 2019.
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