



**Afshin Ebrahimi**

Professor

College: Faculty of Electrical Engineering

#### Employment Information

Faculty/Department	Position/Rank	Employment Type	Cooperation Type	Grade
(not set)	(not set)	Tenured	Full Time	31

#### Papers in Conferences

1. O Abbasi , H Yanikomeroglu , A Ebrahimi, N Mokari , M Alzenad ,Dynamic NOMA/OMA for V2X Networks with UAV Relaying ,2020 IEEE 92nd Vehicular Technology Conference (VTC2020-Fall) ,Victoria ,2020.

#### Papers in Journals

1. Fatemeh Shoeibi , Esmail Najafi Aghdam , Afshin Ebrahimi,A 147dB $\square$ , High Dynamic Range Analog Front End for PPG Signal Acquisition with Fine and Coarse Steps Automatic Gain Control,Tabriz Journal of Electrical Engineering (TJEE),2024 01 01.
2. F Shoeibi, E Najafiaghdam, A Ebrahimi,Nonlinear features of photoplethysmography signals for Non-invasive blood pressure estimation,Biomedical Signal Processing and Control,2023 05 23.
3. SAMAN NIKZAD, AFSHIN EBRAHIMI,Two person interaction recognition based on a dual-coded modifiedmetacognitive (DCMMC) extreme learning machine,Turkish Journal of Electrical Engineering and Computer Sciences,Vol. 30,No. 4,pp. 1621-1636,2022 05 31.
4. Y Salekzamani, NA Fakhree, A Ebrahimi, H Heravi, N Dolatkah,Motorized Leg Length Discrepancy Measure: A New Device for Clinical Use-A Cross-sectional Study,Crescent Journal of Medical & Biological Sciences,Vol. 3,No. 9,2022 02 23.
5. Majid Fathpour, Afshin Ebrahimi, Aliyeh Ghamkhari, Ali Shahbazi, Elmira Abbasi,Comparison of Modeling and Optimization of Methanol to Propylene (MTP) Over High Silica H-ZSM-5 NANO Catalyst Using Black-Box Modeling (ANN) and Meta-heuristic Optimizers (GA-PSO),Iranian Journal of Science and Technology, Transactions of Civil Engineering,Vol. 46,No. 3,pp. 2439-2448,2021 09 18.
6. R Eskandari, A Ebrahimi, HF Baghtash,An area-efficient broadband balun-LNA-mixer front-end for multi-standard receivers,Tabriz journal of electrical engineering,Vol. 51,No. 1,pp. 11-17,2021 04 31.
7. Razieh Eskandari, Afshin Ebrahimi, Hasan Faraji Baghtash,A wideband balun-LNA employing symmetrical CCC technique and balanced outputs,IET Circuits, Devices & Systems,Vol. 15,No. 4,pp. 330-339,2021 02 21.
8. Y Salekzamani, N A Fakhree, M Azimpouran, A Ebrahimi, H Heravi , N Dolatkah,The reliability and

- validity of body Vision system for assessing posture,Journal of Research in Clinical Medicine,Vol. 9,No. 3,pp. 1-8,2021 01 16.
9. H Heravi, R Aghaeifard, AR Jounghani, A Ebrahimi, M Delgarmi,EXTRACTING FEATURES OF THE HUMAN FACE FROM RGB-D IMAGES TO PLAN FACIAL SURGERIES,Biomedical Engineering: Applications, Basis and Communications,Vol. 32,No. 6,2020 12 04.
  10. R Eskandari, A Ebrahimi, HF Baghtash,A wideband low power merged balance-balun-LNA and I/Q-mixer,Microelectronics Journal,Vol. 107,2020 12 03.
  11. H Heravi, A Ebrahimi, S Nikzad, E Olyaei, Y Salek Zamani,Low Price Foot Pressure Distribution Screening Technique: Optical Podoscope with Accurate Foot Print Segmentation using Hidden Markov Random Field Model,Journal of Biomedical Physics & Engineering,Vol. 10,No. 4,pp. 423-536,2020 08 01.
  12. R Eskandari, A Ebrahimi, HF Baghtash,Low power balanced balun LNA employing double noise-canceling techniques,ANALOG INTEGRATED CIRCUITS AND SIGNAL PROCESSING,Vol. 105,pp. 305–318,2020 07 27.
  13. O Abbasi, H Yanikomeroglu, A Ebrahimi, N Mokari,Trajectory Design and Power Allocation for Drone-Assisted NR-V2X Network with Dynamic NOMA/OMA,IEEE Transactions on Wireless Communications,Vol. 19,No. 11,pp. 7153-7168,2020 07 17.
  14. FD Yeganeh, A Ebrahimi,Dynamic spectrum refarming for GERAN/EUTRAN considering GERAN voice traffic,Telecommunication Systems,Vol. 73,No. 4,pp. 507-520,2019 10 22.