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| PersonalInformation | * Nationality: Iraqi
* Date of Birth: 05/ 11 / 1982, Diyala-Iraq
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 |
| Education | * **PhD degree -**Department of Electrical and Computer Engineering - College of Engineering and Information Technology - University of Arkansas Little Rock, USA (2019).

Thesis Title: Peak-to-Average Power Ratio (PAPR) Reduction for Multiple-Input Multiple-Output (MIMO) Orthogonal Frequency Division Multiplexing (OFDM) Systems.* **M.Sc. Degree** -Department of Electrical Engineering - College of Engineering - Al-Mustansiriya University – Iraq (2012).
* **B.Sc.** **Degree** - Department of Electronic Engineering - College of Engineering - University of Diyala – Iraq (2006).
 |
| Languages | * English ,Kurdish, Turki, and Arabic
 |
| Teaching | * Digital Electronic ,
* Digital System Design
* Various Electronics Laboratories
* Supervisor for many graduate projects for undergraduate students.
 |
| Training Courses and Workshops | * A course to pass the English language test (TOFEL) - Higher Institute of Language in Little Rock / America - 2014.
* Certificate for passing the (GRE) test - North America Center - 2014.
* Teaching Methods and Language Safety Course - University of Diyala - 2012.
* Computer Driving Course - University of Diyala -2012.
* Preparation and participation in more than 50 courses, a workshop, and a symposium in the fields of general and precise scientific specialization - 2012-2021.
* Member of the American Institute of Electrical and Electronics Engineers (IEEE) since 2017.
 |
| Software and Tools | * MATLAB
* Electronics Workbench, Microsoft Office, Word, Excel, Power Point and Access
 |
| Work Experiences | * Wireless and Network Communications, Source and Channel Coding, 4G LTE and LTE-A, Massive MIMO, Cooperative and cognitive radio .
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| Professional membershipsPublicationsJournal **:** | * Member of the college of engineering council, University of Diyala.
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| **ت** | **اسم البحث** | **اسم المجلة** | **دار النشر** | **ISSN** |
| --- | --- | --- | --- | --- |
| 1 | A Novel Approach to Deducing of the Data- PAPR Relation for OFDM System | Journal of Engineering and Sustainable Development (JEASD) | Al-Mustansyriah University | 2520-0917 |
| 2 | Factors Influencing the PAPR Performance of OFDM and MIMO-OFDM Systems: A Comparison Study | International Journal of Interdisciplinary Telecommunications and Networking (IJITN) | IGI Global | 1941-8671 |
| 3 | An efficient technique to PAPR reduction for LTE uplink using Lonzo’s resampling technique in both SC-LFDMA and SC-DFDMA systems | Applied Nanoscience | Springer | 2190-5517 |
| 4 | Factors influencing the microwave propagation performance of different types of materials | Turkish Journal of Computer and Mathematics Education | Karadeniz Technical University | 1309-4653 |
| 5 | Evaluation of different quantization resolution levels on the BER performance of massive MIMO systems under different operating scenarios | Indonesian Journal of Electrical Engineering and Computer Science | Institute of Advanced Engineering and Science (IAES) | 2502-4752 |
| 6 | A Low Complexity Non-Distortion Clipping Technique PAPR Reduction of MIMO-OFDM Systems | International Journal of Interdisciplinary Telecommunications and Networking (IJITN) | IGI Global | 1941-8671 |
| 7 | An Improvement the Channel Characteristics Performance of Ultra-Wideband (UWB) by Controlling the Main Channel Parameters | Design Engineering (Toronto) | Rogers Media Publishing Ltd | 0011-9342 |
| 8 | On the Eigenenergy and Probability Density of Graphene Quantum Modes | Design Engineering (Toronto) | Rogers Media Publishing Ltd | 0011-9342 |

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Publications:

**Conference**

| **No** | **اسم المؤتمر**  | **عنوان البحث** | **جهة النشر** |
| --- | --- | --- | --- |
| 1 | 2018 IEEE 39th Sarnoff Symposium | A Pre-Coding Technique to Mitigate PAPR in MIMO-OFDM Systems | IEEE |
| 2 | [2021 International Conference on Intelligent Technologies (CONIT)](https://ieeexplore.ieee.org/xpl/conhome/9497779/proceeding), 25-27 June 2021, Hubli, India. | The Effect of Antenna Height on the Performance of the Okumura/Hata Model Under Different Environments Propagation | IEEE |
| 3 | 2021 International Conference on Artificial Intelligence and Mechatronics Systems (AIMS) | Factors Influencing the Shadow Path Loss Model with Different Antenna Gains Over Large-Scale Fading Channel | IEEE |

More information about my scientific activity can be found via links below:

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| Research Gate  | https://www.researchgate.net/profile/Tahreer-Mahmood |
|  |  |
| GoogleScholar  | <https://scholar.google.com/citations?hl=en&user=KGGpDoYAAAAJ>  |
|  |  |
| Edas | <https://edas.info/showSelf.php?c=27804> |