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| C  Dr. Dheyaa Tareq Al-Zuhairi  Lec. PhD in  Department of Electronic Engineering,  College of Engineering, University of Diyala,  Baqubah, Diyala Province, Iraq  [dheyaa@uodiyala.edu.iq](mailto:dheyaa@uodiyala.edu.iq) | | |
| Personal  Information | * Nationality: Iraqi * Date of Birth: 21/ 05 / 1981, Diyala-Iraq * Country of Residency: Iraq * H index: 4 (based on the researcher's data) * Address: 32001 Baqubah, Diyala Province, Iraq | |
| Education | * **PhD degree -** Electrical and Computer Engineering Department - College of Engineering - University of Missouri- Columbia, USA (2018). * **M.Sc. Degree** -Department of Electrical Engineering - College of Engineering - Al-Mustansiriya University – Iraq (2011). * **B.Sc.** **Degree** - Department of Electronic Engineering - College of Engineering - University of Diyala – Iraq (2004). | |
| Languages | * Arabic and English | |
| Teaching | * Communication systems * Advanced Mathematics * Advanced programming * Various Electronics and communication Laboratories | |
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| Software and Tools | * CST Microwave Studio * MATLAB * HFSS * Electronics Workbench, Microsoft Office, Word, Excel and Power Point. | |
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**Publications**

**Journals:**

| **No.** | **Title** | **Journal** | **Year** |
| --- | --- | --- | --- |
| 1 | [Compact dual-polarized quad-ridged UWB horn antenna design for breast imaging](https://scholar.google.com/citations?view_op=view_citation&hl=ar&user=KaihPFcAAAAJ&citation_for_view=KaihPFcAAAAJ:u5HHmVD_uO8C) | Progress In Electromagnetics Research C | 2017 |
| 2 | Simulation design and testing of a dielectric embedded tapered slot UWB antenna for breast cancer detection | Progress In Electromagnetics Research C | 2017 |
| 3 | [Characterizing horn antenna signals for breast cancer detection](https://ieeexplore.ieee.org/abstract/document/8340955/) | IEEE Canadian Journal of Electrical and Computer Engineering | 2018 |
| 4 | [Poles Isolation via ESPRIT for Ultra-Wide Band Breast Cancer Imaging](https://www.jpier.org/PIERC/pier.php?paper=19052004) | Progress In Electromagnetics Research C | 2019 |
| 5 | [Phase-based window function and CD-DMAS beamforming for microwave breast cancer detection](https://ieeexplore.ieee.org/iel7/4126157/9098139/09098169.pdf) | IET Microwaves, Antennas & Propagation | 2020 |
| 6 | [Secure Transceiver Based on Independent Component Analysis (ICA) Algorithm](http://www.inass.org/2021/2021063012.pdf) | International Journal of Intelligent Engineering and Systems | 2021 |
| 7 | Dual-stage SVD basis approach for ECG signal associated noise removal | Signal, Image and Video Processing | 2022 |
| 8 | [A Multi-level Compression Scheme for Peak to Average Power Ratio Mitigation in SC-FDMA Communication System](https://inass.org/wp-content/uploads/2022/03/2022103110-2.pdf) | International Journal of Intelligent Engineering and Systems | 2022 |
| 9 | [A New Clutter Elimination and Downrange Correction Algorithm for Through Wall Radar Detection.](https://test.jpier.org/download/22102204.pdf) | Progress In Electromagnetics Research C | 2023 |

**Conferences:**

| **No.** | **Conf.** | **Title** | **Year** |
| --- | --- | --- | --- |
| 1 | IOP Conference Series: Materials Science and Engineering | [DOA estimation under Bernoulli-Gaussian impulsive noise](https://iopscience.iop.org/article/10.1088/1757-899X/1090/1/012096/meta) | 2021 |