

PERSONAL INFORMATION					
Full Name	ALI ABEDALJABAR HUSSEN				
Surname	AL-SAMAWI				
country	IRAQ				
Birth Date and Place	Iraq 4/9/1980				
Marital status	Married				
Address	Iraq / Al muthannna /Samawah				
Telephone No.	+9647810607155				
Work	Al-Muthanna University /from 2007				
Academic Title	Assistant professor				
Email	aliasamaw@mu.edu.iq aliasamaw@gmail.com				
Researchgate	https://www.researchgate.net/profile/Ali_Alsamawi3				
Google Scholar	https://scholar.google.com/citations?user=vRQzAi4AAAAJ&hl=ar				
ORCID iD	https://orcid.org/0000-0002-6264-3218				
PUBLONS	https://publons.com/dashboard/summary				
Academic Qualifications:					
Degree	University Name	Faculty / Department	country	Grad. Year	Grad. Av.
Bachelor	University of Baghdad	College of Engineering/ Electrical Engineering	Iraq	2004	Medium
Master	Platov South-Russian State Polytechnic University (NPI)	College of Engineering/ Electrical Engineering	Russia	2014	Excellent
Doctorate (PhD)	University of Sfax	National School of Engineering of Sfax(ENIS)	Tunisia	2023	--

THESIS for Doctorate:

Multi-level converter for PV solar power system

1. **Ali Abedaljabar AL-Samawi** , abbas , sarmed 2018 .Control of Reactive Power Based on Lévy Flight . Al-Mansour International Conference ,IEEE <https://doi.org/10.1109/NTCCIT.2018.8681188>
2. Abbas . S,**Ali Abedaljabar AL-Samawi** ,Ali H .Photovoltaic cell Electro-Fenton Oxidation for treatment oily wastewater . AIP Conference Proceedings <https://doi.org/10.1063/5.0008937>
3. **Ali Abedaljabar AL-Samawi**, A.A.A.H., A.S. Atiyah and H.T. Rajab, 2017. Environmental and Economic Study About Using Natural Gas for Electrical Power Generation In Samawa Station) MUTHANNA JOURNAL OF ENGINEERING AND TECHNOLOGY (MJET)) 5: 13-20.
4. **Ali Abedaljabar AL-Samawi** (Study the Effects of Improving Power Factor on Electrical Distribution Network in Al- Muthanna Governorate) Vol.(6),No.(1),(2018),52-63 MUTHANNA JOURNAL OF ENGINEERING AND TECHNOLOGY (MJET) p:52 63
5. **Ali Abedaljabar AL-Samawi** and H. Trabelsi, “New Nine-Level Cascade Multilevel Inverter with a Minimum Number of Switches for PV Systems,” *Energies*, vol. 15, no. 16, p. 5857, 2022. <https://doi.org/10.3390/en15165857>
6. **Ali Abedaljabar AL-Samawi** , Trabelsi H.Seven-level Cascade Multilevel Inverter based Minimum Switches for Photovoltaic applications 20th International Multi-Conference on Systems, Signals & Devices (SSD) 2023 <https://doi.org/10.1109/SSD58187.2023.10411320>
7. **Ali Abedaljabar AL-Samawi** , and H. Trabelsi, “Power Quality Enhancement of PV System Based on Modified Three-Phase Cascaded Multilevel Inverter,” in 2022 19th International Multi-Conference on Systems, Signals & Devices (SSD), 2022 <https://doi.org/10.1109/SSD54932.2022.9955937>
8. A. S. Alkafaji, **A. A. Al-Samawi**, and H. Trabelsi, “Hybrid Energy Storage Review for Renewable Energy System Technologies and Applications,” in 2021 18th International Multi-Conference on Systems, Signals & Devices (SSD), 2021, pp. 1059–1067. <https://doi.org/10.1109/SSD52085.2021.9429424>
9. **Al-Samawi, A. A.**, Alkhafaji, A. S., Atiyah, A. S., & Trabelsi, H. (2024, April). Review Mitigation Methods of Partial Shading Condition for PV System. In *2024 21st International Multi-Conference on Systems, Signals & Devices (SSD)* (pp. 401-410). IEEE. <https://doi.org/10.1109/SSD61670.2024.10549153>
10. **Ali. Abedaljabar. Al-Samawi** Comparative Performance of PI And PID Controllers for Buck-Boost DC/DC Converter. (2025). *American Journal of Engineering , Mechanics and Architecture* (2993-2637), 3(6),108-117 <https://grnjournal.us/index.php/AJEMA/article/view/7762>
11. **Ali Abedaljabar AL-Samawi** ., Atiyah, A. S., & Al-Jrew, A. H. (2025). Power Optimization of Partially Shaded PV System Using Interleaved Boost Converter-Based Fuzzy Logic Method. *Eng*, 6(8), 201. <https://doi.org/10.3390/eng6080201>

As reviewer with

- Muthanna Journal of Engineering and Technology (MJET) (**Al-Muthanna University**)
- Misan Journal of Engineering Sciences (M.J.E.S.) (**Maysan University**)
- Revista Matéria – Rio de Janeiro (ISSN 1517-7076) (**impact factor (IF) of 1.22 and a Q3 ranking**)
- International Journal of Power Electronics and Drive Systems (IJPEDS) **SCOPUS Q3**
- Indonesian Journal of Electrical Engineering and Computer Science **SCOPUS Q3**
- *International Multi-Conference on Systems, Signals & Devices (SSD)* **SCOPUS**
TUNISIA IEEE (Sfax University)