

| PERSONAL INFORMATION | |
|----------------------|---|
| Full Name | ALI ABEDALJABAR HUSSEN |
| Surname | AL-SAMAWI |
| country | IRAQ |
| Birth Date and Place | Iraq 4/9/1980 |
| Marital status | Married |
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| Researchgate | https://www.researchgate.net/profile/Ali_Alsamawi3 |
| Google Scholar | https://scholar.google.com/citations?user=vRQzAi4AAAAJ&hl=ar |
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| 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 | -- |

Published papers in Clarivate , SCOPUS and Iraqi journals

1. Ali Abedaljabar AL-Samawi , abbas , sarmed 2018 .Control of Reactive Power Based on Lévy Flight . Al-Mansour International Conference ,IEEE <https://ieeexplore.ieee.org/abstract/document/8681188>
2. Abbas . S, Ali Abedaljabar AL-Samawi , Ali H .Photovoltaic cell Electro-Fenton Oxidation for treatment oily wastewater . AIP Conference Proceedings <https://aip.scitation.org/doi/abs/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 Muthanna J. Eng. Technol. (MJET) 5: 13-20. <https://www.iasj.net/iasj?func=article&aId=141966>
4. Ali Abedaljabar AL-Samawi Study the Effects of Improving Power Factor on Electrical Distribution Network in Al- Muthanna Governorate p:52 63 <https://www.iasj.net/iasj?func=article&aId=163015>
5. A. A. 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.
6. A.A. alsamawi, Trabelsi H. Seven-level Cascade Multilevel Inverter based Minimum Switches for Photovoltaic applications 20th International Multi-Conference on Systems, Signals & Devices (SSD) 2023
7. Ali. A. 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
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.
9. Al-Samawi, A. A., Alkafaji, 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.