**List of Publications / Ahmed A. Al-Tabbakh**

1. **Ahmed A. Al-Tabbakh**, Mazen A. Madanat, Marwan S. Mousa, Application of fractional Fowler-Nordheim law on field electron emission from tungsten and lanthanum hexaboride nano-scale emitters, **Philosophical Magazine**, 2023. <https://doi.org/10.1080/14786435.2023.2173366>.
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3. Mazen A. Madanat, **Ahmed A. Al-Tabbakh**, Mohammed Alsa'eed, Hmoud Al-Dmour, Marwan S. Mousa, Application of Murphy – Good Plot Parameters Extraction Method on Electron Emission from Carbon Fibers, **Ultramicroscopy** 234, April 2022, 113479.
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5. Ruaa H. Jasim, **Ahmed A. Al-Tabbakh**, Enhancement of the Solar-Thermal Response of Flat-Plate Collector Coated with a Thermal-Resistant Paint, **Jordan Journal of Phyics** 2021.
6. Ruaa Jasim, **Ahmed A. Al-Tabbakh**, Sinan Hasan, Improvement of the Solar-Thermal Characteristics of the Flat-Plate Collector Using a Composite Coating, **Al-Nahrain Journal of Science** 24(1), 24-29, (2021).
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10. Mohsen Elain Hajlaoui, Aida Benchaabane, Zied Benhamed, Nourdine Mahdhi, **Ahmed A. Al-Tabbakh**, Fayçal Koukic, Dielectric properties of poly-(3-octylthiophene) thin films mixed with oleic acid capped cadmium selenide nanoparticles, **RSC Advances 10, 45139–45148, (2020)**.
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13. Shatha Riyad Ahmedizat, Aseel Basim Al-Zubaidi, **Ahmed A Al-Tabbakh**, Amine Achour, Alaa Abdul Hamead, Comparative study of erosion wear of glass fiber/epoxy composite reinforced with Al2O3 nano and micro particles, **Materials Today: Proceedings 20, 420-427, 2020.**
14. **Ahmed A. Al-Tabbakh**, Principles of electron optics: volume one: basic geometrical optics & volume two: applied geometrical optics, Book Review, **Contemporary Physics 60(1), 103-104, 2019**, DOI:10.1080/00107514.2019.1614675 #
15. **Ahmed A. Al-Tabbakh**, Nilgun Karatepe, Aseel B. Al-Zubaidi, Aida Benchaabane, Natheer B. Mahmood, Crystallite size and lattice strain of lithiated spinel material for rechargeable battery by X‐ray diffraction peak‐ broadening analysis, **International Journal of Energy Research 43(5), 1-9, 2019**. DOI: 10.1002/er.4390. **Impact factor 3.01**
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