

Assist. Lecturer. Rawan Bashar Fadhil

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Education:

- **M.Sc.** Master's degree of laser application and technology, Department of applied science, University of technology, Iraq (2023). The Title of a thesis " Synthesis and characterization of modified LiNbO_3 films for laser detection" [Graduation Grade Average (Course & Thesis) (very good).
- **B.Sc.** Department of applied science, University of technology, Iraq (2019).

Profile:

- Assist. Lecturer, optics techniques department, Al-Farabi University "now"

Publications

Research papers:

- 1- Rawan B. Fadhil**, Evan T. Salim, and Wafaa K. Khalef (2022) LiNbO_3 thin films at different stirrer time: synthesis using chemical bath deposition (CBD) method, **Journal of Materials Science: Material in Electronics**. 33(27), 21688-21701.
- 2- Rawan Bashar Fadhil**, Evan T. Salim, Wafaa K. Khalef, and Forat H. Alsultany, (2022) Deposition Time Effect on LN Films Properties Using Chemical Bath, Deposition Method without Post Heat Treatment, **International Journal of Nanoelectronics and Materials**, Vol. (15) 2022.
- 3- Rawan Bashar Fadhil**, Evan T. Salim, Wafaa K. Khalef, (2022) Synthesis Of LiNbO_3 Microstructures: Structural, Optical and, Surface Morphology uSing Chemical Bath Deposition (Cbd), Method with Out Post Heat Treatment, **Egyptian Journal of Chemistry**, Vol. (66), No. (4), pp. 63-70.

- 4- Evan T. Salim, Wafaa K. Khalef, Makram A. Fakhri, **Rawan B. Fadhil**, Ahmed S. Azzahrani (2023) Silver decorated lithium niobat nanostructure by UV activation method for silver-lithium niobate/silicon heterojunction device, Scientific Reports 13 (1), 11514.