**Research Publication** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

* Adel k. Mahmood, Suha I. Alnassar, **Hala M. Kadhim**, Murat Demral, “**A study of the structural and mechanical characterization of hybrid nanocomposite material”** published at **2017** [Materials Science Forum](https://www.scopus.com/authid/detail.uri?authorId=57198345430#disabled)
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* Saib Thiab Alwan, Wurod Qasim Mohamed, **Hala M. kadhim** " **Effects of Polymer Thickness and Frequency on the TE-Mode Using Slab Waveguide" published at 2019**  IEEE [3rd International Symposium on Multidisciplinary Studies and Innovative Technologies, ISMSIT 2019 - Proceedings](https://www.scopus.com/authid/detail.uri?authorId=57198345430#disabled)
* **Hala M. Kadhim,** Suha I. Al-Nassar, Wessam Al Azzawi, Abeer A. Shehab, Adel K. Mahmoud1 and Murat Demiral **" Evaluation of the Mechanical Characteristics of Hybrid Nanocomposite Materials (TiO2-SiO2- ZrO2)"** published at **2021** 2nd International Scientific Conference of Engineering Sciences (ISCES 2020)
* Suha K. Shihab & Jabbar Gattmah & **Hala M. Kadhim** " **Experimental Investigation of Surface Integrity and Multi-Objective Optimization of End Milling for Hybrid Al7075 Matrix Composites"** published at **2021** Silicon.
* Saib Thiab Alwan**, Hala M. kadhim,** Tahreer Mahmood, Wassan S. Hussain **" Factors influencing the microwave propagation performance of different types ofmaterials"** published at **2021** Turkish Journal of Computer and Mathematics Education**.**
* **Hala M. Kadhim " Microstructure Study and Morphology of Ni / Nano Al2O3 Composite Coating Synthesied by Electroless Plating "** puplished at **2021** Diyala Journal of Engineering Sciences.