الدكتور عارف محمد الصيادي

|  |  |  |  |
| --- | --- | --- | --- |
| **No.** | **Title of the paper / book** | **Journal/publisher** | **Date of publication** |
| **1** | **Impedance spectroscopy of V2O5-Bi2O3-BaTiO3 glass-ceramics** | **Solid State Sciences** | **2013** |
| **2** | **Kinetic characterization of barium titanate-bismuth oxide-vanadium pentoxide glasses** | **Solid State Sciences** | **2014** |
| **3** | **Grain size effects on the transport properties of Li3V2(PO4)3 glass–ceramic nanocomposites for lithium cathode batteries** | **Journal of Materials Science: Materials in Electronics** | **2016** |
| **4** | **Electrochemical performance of novel Li3V2(PO4)3 glass-ceramic nanocomposites as electrodes for energy storage devices** | **Journal of Solid State Electrochemistry** | **2016** |
| **5** | **Grain size effects on dynamics of Li-ions in Li3V2(PO4)3 glass-ceramic nanocomposites** | **Ionics** | **2016** |
| **6** | **Effect of sulfur addition on the electrochemical performance of lithium‑vanadium-phosphate glasses as electrodes for energy storage devices** | **Journal of Electroanalytical Chemistry** | **2017** |
| **7** | **Effect of sulfur addition and nanocrystallization on the transport properties of lithium–vanadium–phosphate glasses** | **Journal of Materials Science: Materials in Electronics** | **2018** |
| **8** | **SMALL POLARON HOPPING CONDUCTION MECHANISM IN V2O5-BASED GLASS-CERAMIC NANOCOMPOSITES** | **New York: Nova Science Publishers; 2018; Chapter 10** | **2018** |
| **9** | **Immersion‑plated palladium nanoparticles onto meso‑porous silicon layer as novel SERS substrate for sensitive detection of imidacloprid pesticide** | **Scientific Reports** | **2021** |
| **10** | **Electrochemical performance of Na2O–Li2O–P2S5–V2S5 glass–ceramic nanocomposites as electrodes for supercapacitors** | **Applied Physics A** | **2021** |
| **11** | **Investigation of the structural and magnetic properties of TeO2-based glasses modified by rare earth (La2O3, Gd2O3, Er2O3, and Ho2O3) using as an optical isolator** | **Chalcogenide Letters** | **2021** |
| **12** | **Surface-enhanced Raman scattering (SERS) active substrate from gold nanoparticle-coated porous silicon for sensitive detection of horseradish peroxidase enzyme** | **Materials Chemistry and Physics** | **2022** |