

## احصائية بحوث قسم الفيزياء للعام الدراسي -2020-Scopus

| رابط البحث  | نوع المجلة | سنة النشر | أسم المجلة                        | عنوان البحث  | أسم الباحث      | ت |
|---|------------|-----------|-----------------------------------|--|-----------------|---|
| <a href="#">Calculating the Nanometer Diameters of The Grains ZnO: SnO<sub>2</sub> Composite Depending On The SEM Image Analysis - IOPscience</a>   | Scopus-Q4  | 2020      | Materials Science and Engineering | Calculating the Nanometer Diameters of The Grains ZnO: SnO <sub>2</sub> Composite Depending On The SEM Image Analysis                          | حامد صالح عبطان | 1 |
| <a href="#">Synthesis and characterization of silver oxide nanoparticles prepared by chemical bath deposition for NH<sub>3</sub> gas sensing applications   Iraqi Journal of Science (uobaghdad.edu.iq)</a> | Scopus-Q4  | 2020      | Iraqi Journal of Science          | Synthesis and characterization of silver oxide nanoparticles prepared by chemical bath deposition for NH <sub>3</sub> gas sensing applications | حامد صالح عبطان | 2 |
| <a href="#">Determination and evaluation of the orbital transition methods between two elliptical earth orbits   Iraqi Journal of Science (uobaghdad.edu.iq)</a>  | Scopus-Q4  | 2020      | Iraqi Journal of Science          | Determination and evaluation of the orbital transition methods between two elliptical earth orbits   | فريد مصعب مهدي  | 3 |
| <a href="https://iopscience.iop.org/article/10.1088/1757-899X/928/7/072073">https://iopscience.iop.org/article/10.1088/1757-899X/928/7/072073</a>   | Scopus-Q4  | 2020      | Materials Science and Engineering | NANOCRYSTALLINE SnO <sub>2</sub> /TiO <sub>2</sub> FOR SOLAR CELLS APPLICATION   | جمال فاضل محمد  | 4 |
| <a href="#">Analysis of the Effect of Fiber Length on Fourwave Mixing Power in WDM Optical Communication System - IOPscience</a>  | Scopus-Q4  | 2020      | Journal of Physics                | ANALYSIS OF THE EFFECT OF FIBER LENGTH ON FOUR-WAVE MIXING POWER IN WDM OPTICAL COMMUNICATION SYSTEM   | جمال فاضل محمد  | 5 |
| <a href="#">Volume 16, Number 2, March - April 2020 (chalcogen.ro)</a>  | Scopus-Q4  | 2020      | Journal of Ovonic Research        | CHARACTERISTICS OF pH VARIATION ON STRUCTURAL AND OPTICAL PROPERTIES OF NANOCRYSTALLINE SnO <sub>2</sub> THIN FILMS BY CBD TECHNIQUE           | جمال فاضل محمد  | 6 |
| <a href="https://iopscience.iop.org/article/10.1088/2053-1583/abcf11/meta">https://iopscience.iop.org/article/10.1088/2053-1583/abcf11/meta</a>   | Scopus-Q4  | 2020      | 2D Materials                      | Suspended graphene arrays for gas sensing applications   | عمر مهدي داود   | 7 |
| <a href="https://iopscience.iop.org/article/10.1088/1742-6596/1530/1/012137">https://iopscience.iop.org/article/10.1088/1742-6596/1530/1/012137</a>   | Scopus-Q4  | 2020      | Journal of Physics                | Chaos Generation Utilizing Optical Feedback Technique with Modern Applications   | سلام خلف موسى   | 8 |

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| <a href="https://iopscience.iop.org/article/10.1088/1742-6596/1664/1/012021">https://iopscience.iop.org/article/10.1088/1742-6596/1664/1/012021</a>  | Scopus-Q4 | 2020 | Journal of Physics   | Effect of Gamma Radiation on the Thermal Conductivity of (SiC/Graphite) Nano Composite Materials                 | علي خلف عبيد    | 9  |
| <a href="https://iopscience.iop.org/article/10.1088/1757-899X/757/1/012008">https://iopscience.iop.org/article/10.1088/1757-899X/757/1/012008</a>  | Scopus-Q4 | 2020 | IOP  | Effect gamma rays effect on wear and hardness of (Ep-SiC) Nanocomposites for Industrial applications             | علي خلف عبيد    | 10 |
| <a href="https://link.springer.com/article/10.1007/s11664-020-08144-4">https://link.springer.com/article/10.1007/s11664-020-08144-4</a>  | Scopus-Q2 | 2020 | Journal of Electronic Materials  | Role of Morphology of Surfactant-Free Nanoparticles in Organic Photovoltaics                                     | ماهر نوري ثميل  | 11 |
| <a href="#">An Investigation of the Mechanical Properties of PMMA-based Composites Reinforced with PZT Ternary Nanoparticles - cihan (cihanuniversity.edu.iq)</a>  | Scopus-Q4 | 2020 | NeuroQuantology  | An Investigation of the Mechanical Properties of PMMA-based Composites Reinforced with PZT Ternary Nanoparticles | وليد بديوي صالح | 12 |
| <a href="#">Study of effect reinforcement by coconut fiber on some mechanical and physical properties of thermoset polymer - IOPscience</a>  | Scopus-Q4 | 2020 | IOP  | Study of effect reinforcement by coconut fiber on some mechanical and physical properties of thermoset polymer   | وليد بديوي صالح | 13 |
| <a href="#">Effect of Immersion Mediums on the Structural and Thermal Properties of [EP/ZrO2-Y2O3] Nanocomposites   Pakistan Journal of Scientific &amp; Industrial Research Series A: Physical Sciences (pjsir.org)</a> | Scopus-Q4 | 2020 | Pakistan Journal of Scientific and Industrial Research Series A A: Physical Sciences | Effect of Immersion Mediums on the Structural and Thermal Properties of [EP/ZrO2-Y2O3] Nanocomposites            | احمد حماد مناجد | 14 |