

## Department of Physics Research Statistics for the Academic Year-2020

No	Researcher's name	Journal type	Year of Publication	Journal name	Search title	Search link
1	Salam Mousa	Local Journal	2020	Journal of university of Anbar for Pure science	Single Beam Measurements of a Sony SVGA Liquid Crystal Spatial light modulator	<a href="http://www.juaps.uoanbar.edu.iq/Article_Details.php?ID=1044">http://www.juaps.uoanbar.edu.iq/Article_Details.php?ID=1044</a>
2	Ali kalaf Aobaid	Local Journal	2020	journal of University of Anbar for Pure Science	Effect of volume Fraction and Solution Absorption on the Properties of Epoxy/Carbon Fiber Composites	<a href="http://www.juaps.uoanbar.edu.iq/Article_Details.php?ID=1018">http://www.juaps.uoanbar.edu.iq/Article_Details.php?ID=1018</a>
3	Waleed S. Hwash	Local Journal	2020	Ibn Al-Haitham Jour. for Pure & Appl. Sci	Analytical Study of Some Lightest Nuclei H, He, Li and Be	<a href="https://search.emarefa.net/en/detail/BIM-973745-analytical-study-of-some-lightest-nuclei-h-he-li-and-be">https://search.emarefa.net/en/detail/BIM-973745-analytical-study-of-some-lightest-nuclei-h-he-li-and-be</a>
4	Hamid Al-jumaili	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	<a href="https://iopscience.iop.org/article/10.1088/1757-899X/928/7/072086/meta">https://iopscience.iop.org/article/10.1088/1757-899X/928/7/072086/meta</a>
5	Hamid Al-jumaili	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	<a href="https://scholar.google.com/citations?view_op=view_citation&amp;hl=ar&amp;user=iru-J44AAAAJ&amp;sortby=pubdate&amp;citation_for_view=iru-J44AAAAJ:GnPB-g6toBAC">https://scholar.google.com/citations?view_op=view_citation&amp;hl=ar&amp;user=iru-J44AAAAJ&amp;sortby=pubdate&amp;citation_for_view=iru-J44AAAAJ:GnPB-g6toBAC</a>
6	Farid Musaab	Scopus Q4	2020	Iraqi Journal of Science	Determination and evaluation of the orbital transition methods between two elliptical earth orbits	<a href="https://ijs.uobaghdad.edu.iq/index.php/eijs/article/view/734">https://ijs.uobaghdad.edu.iq/index.php/eijs/article/view/734</a>
7	Jamal F. Mohammad	Scopus Q4	2020	Materials Science and Engineering	NANOCRYSTALLINE SnO <sub>2</sub> /TiO <sub>2</sub> FOR SOLAR CELLS APPLICATION	<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>
8	Jamal F. Mohammad	Scopus Q4	2020	Journal of Physics	ANALYSIS OF THE EFFECT OF FIBER LENGTH ON FOUR- WAVE MIXING POWER IN WDM OPTICAL COMMUNICATION SYSTEM	<a href="https://www.researchgate.net/publication/347040611_Analysis_of_the_Effect_of_Fiber_Length_on_Fourwave_Mixing_Power_in_WDM">https://www.researchgate.net/publication/347040611_Analysis_of_the_Effect_of_Fiber_Length_on_Fourwave_Mixing_Power_in_WDM</a>
9	Jamal F. Mohammad	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	<a href="https://www.researchgate.net/publication/341702170_CHARACTERISTICS_OF_pH_VARIATION_ON_STRUCTURAL_AND_OPTICAL_PROPERTIES">https://www.researchgate.net/publication/341702170_CHARACTERISTICS_OF_pH_VARIATION_ON_STRUCTURAL_AND_OPTICAL_PROPERTIES</a>

<b>10</b>	Omar M. Dawood	Scopus Q4	2020	2D Materials	Suspended graphene arrays for gas sensing applications	<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>
<b>11</b>	Salam Mousa	Scopus Q4	2020	Journal of Physics	Chaos Generation Utilizing Optical Feedback Technique with Modern Applications	<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>
<b>12</b>	Ali kalaf Aobaid	Scopus Q4	2020	Journal of Physics	Effect of Gamma Radiation on the Thermal Conductivity of (SiC/Graphite) Nano Composite Materials	<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>
<b>13</b>	Ali kalaf Aobaid	Scopus Q4	2020	IOP	Effect gamma rays effect on wear and hardness of (Ep-SiC) Nanocomposites for Industrial applications	<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>
<b>14</b>	Mahir Thameel	Scopus Q2	2020	Journal of Electronic Materials	Role of Morphology of Surfactant-Free Nanoparticles in Organic Photovoltaics	<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>
<b>15</b>	Waleed Bdaiwi	Scopus Q4	2020	NeuroQuantology	An Investigation of the Mechanical Properties of PMMA-based Composites Reinforced with PZT Ternary Nanoparticles	<a href="https://www.jstage.jst.go.jp/browse/jnet/14/2/_contents/-char/en">https://www.jstage.jst.go.jp/browse/jnet/14/2/_contents/-char/en</a>
<b>16</b>	Waleed Bdaiwi	Scopus Q4	2020	IOP	Study of effect reinforcement by coconut fiber on some mechanical and mechanical and physical properties of thermoset polymer	<a href="https://iopscience.iop.org/issue/1757-899X/757/1">https://iopscience.iop.org/issue/1757-899X/757/1</a>
<b>17</b>	Ahmad H. M. Al-Falahi	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/ZrO <sub>2</sub> -Y <sub>2</sub> O <sub>3</sub> ] Nanocomposites	<a href="https://www.v3.pjsir.org/index.php/physical-sciences/article/download/398/257">https://www.v3.pjsir.org/index.php/physical-sciences/article/download/398/257</a>
<b>18</b>	Saeed Naif Turki Al-Rashid	Web of Science	2020	Chalcogenide Letters	STUDY OF THE EFFECT OF NANOPARTICLE SIZE ON THE DIELECTRIC CONSTANT AND CONCENTRATION OF CHARGE CARRIERS OF Si AND CdS MATERIALS	<a href="https://chalcogen.ro/623_AbidHA.pdf">https://chalcogen.ro/623_AbidHA.pdf</a>
<b>19</b>	Saeed Naif Turki Al-Rashid	Web of Science	2020	Foundations of Physics	Riccati Equations as a Scale-Relativistic Gateway to Quantum Mechanics	<a href="https://doi.org/10.1007/s10701-020-00324-w">https://doi.org/10.1007/s10701-020-00324-w</a>