

## Department of Physics Research Statistics for the Academic Year-2016

No	Researcher's name	Journal type	Year of Publication	Journal name	Search title	Search link
1	Salam Mousa	Local Journal	2016	Iraqi journal of applied physics	synchronization in optically in coupled chaotic systems by optical feedback	<a href="https://www.iasj.net/iasj/article/121204">https://www.iasj.net/iasj/article/121204</a>
2	Ali kalaf Aobaid	Local Journal	2016	J. of college of education publisher Al-Mustansyria university	Back bending phenomena evaluation and energy band crossing of some deformed nuclei	<a href="https://www.iasj.net/iasj?func=fulltext&amp;aId=124354">https://www.iasj.net/iasj?func=fulltext&amp;aId=124354</a>
3	Ali kalaf Aobaid	Local Journal	2016	J. of college of education publisher Al-Mustansyria university	The effect of the VMI, VAVM, and GVMI moment of inertia and rotational motion on the nuclear structure of $^{56}\text{Fe}$ nucleus	<a href="https://www.iasj.net/iasj/article/124552">https://www.iasj.net/iasj/article/124552</a>
4	Waleed Bdaiwi	Local Journal	2016	Journal of University of Anbar for Pure Science	الاستقصاء عن الخواص الميكانيكية والحرارية لخليط بوليمري ثلاثي محضر من مواد مختلفة (متصلدة حراريا , ملدنة حراريا والاستومر) للتطبيقات الهيكلية	<a href="http://juaps.uoanbar.edu.iq">http://juaps.uoanbar.edu.iq</a>
5	Waleed Bdaiwi	Local Journal	2016	The Engineering and Technology Journal	Preparation and Characterization Some of the Mechanical Properties of Polymer Nano Composite Material Used in Structural Applications	<a href="https://uotechnology.edu.iq/tec_magaz/EN/index.htm">https://uotechnology.edu.iq/tec_magaz/EN/index.htm</a>
6	Salam Mousa	Local Journal	2016	J. of University of Anbar for pure science	Attractor selection in semiconductor laser chaos generated by optoelectronic feedback	<a href="https://www.iasj.net/iasj/download/77908f6ea32dd612">https://www.iasj.net/iasj/download/77908f6ea32dd612</a>
7	Omar M. Dawood	Scopus-Q1	2016	Carbon	Multilayer stacking and metal deposition effects on large area graphene on GaAs	<a href="https://www.sciencedirect.com/science/article/abs/pii/S0008622315302335">https://www.sciencedirect.com/science/article/abs/pii/S0008622315302335</a>
8	Salam Mousa	Scopus-Q3	2016	Results in physics	The rule of bias current of semiconductor laser in chaos communications	<a href="https://www.sciencedirect.com/science/article/pii/S2211379716300055">https://www.sciencedirect.com/science/article/pii/S2211379716300055</a>
9	Mahir Thameel	Scopus-Q1	2016	Solar Energy Materials and Solar Cells	Fully roll-to-roll prepared organic solar cells in normal geometry with a sputter-coated aluminium top-electrod	<a href="https://www.sciencedirect.com/science/article/abs/pii/S0927024816000167?via%3Dihub">https://www.sciencedirect.com/science/article/abs/pii/S0927024816000167?via%3Dihub</a>

<b>10</b>	Mahir Thameel	Scopus-Q1	2016	Nano Research	Low-temperature processed solar cells with formamidinium tin halide perovskite	<a href="https://link.springer.com/article/10.1007/s12274-016-1051-8">https://link.springer.com/article/10.1007/s12274-016-1051-8</a>
<b>11</b>	Mahir Thameel	Scopus-Q1	2016	ACS Appl. Mater. Interfaces	Utilizing Energy Transfer in Binary and Ternary Bulk Heterojunction Organic Solar Cells	<a href="https://pubs.acs.org/doi/10.1021/acsami.6b05474">https://pubs.acs.org/doi/10.1021/acsami.6b05474</a>
<b>12</b>	Waleed S. Hwash	Scopus-Q2	2016	International Journal of Modern Physics E	Study of the two-proton halo nucleus $^{17}\text{Ne}$	<a href="https://www.worldscientific.com/doi/10.1142/S0218301316501056">https://www.worldscientific.com/doi/10.1142/S0218301316501056</a>
<b>13</b>	Bilal K. Al-Rawi	Scopus	2016	Journal of Non-Oxide Glasses	STUDY THE ELECTRONIC PROPERTIES OF $\text{AlAs}_x\text{P}_{1-x}$ NANOCRYSTAL ALLOYING COMPOSITION, USING DENSITY FUNCTIONAL THEORY	<a href="https://chalcogen.ro/37/HusseinM.pdf">https://chalcogen.ro/37/HusseinM.pdf</a>
<b>14</b>	Hamid Al-jumaili	Web of Science	2016	International Research Journal of Engineering and Technology (IRJET)	Structural, optical and sensitive properties of Ag-Doped tin oxide thin films	<a href="https://d1wqtxts1xzle7.cloudfront.net/54646671/IRJET-V3I306-with-cover-page-v2.pdf?Expires=1633186755&amp;Signature=MeooH4595cfr5tqynfdms1agVTLkr1qkQ-45jnVzgxsoHWN6IQ3fuJk8R7BALwvSbWjA4oGpk5UPpN4lxAYuXq7X0IhEVLsImYQg5CNJULn4iVzJhtO1WEQ4ux6SMHj0G193HekOzU-SCWLPs1g2-E4G-PXnV1YnF-g4E4qz2D0oAtAMWJLKzYZbXoF3M2vZtBY1x65grFocn15gi2uopwbqMxyYmPAoEJLZ-FbjUfifThQ6TcTERqqoJ8vqk1HQsicF7f8qvDjN8sq1sI-KvNH9Yk-4RpJUmFAFxB4-QEQ-q56Gkah8rxJXOHKoXdmPOLe m5ujJQg0xBYjQk00w &amp;Key-Pair-Id=APKAJLOHF5GGSLRBV4ZA">https://d1wqtxts1xzle7.cloudfront.net/54646671/IRJET-V3I306-with-cover-page-v2.pdf?Expires=1633186755&amp;Signature=MeooH4595cfr5tqynfdms1agVTLkr1qkQ-45jnVzgxsoHWN6IQ3fuJk8R7BALwvSbWjA4oGpk5UPpN4lxAYuXq7X0IhEVLsImYQg5CNJULn4iVzJhtO1WEQ4ux6SMHj0G193HekOzU-SCWLPs1g2-E4G-PXnV1YnF-g4E4qz2D0oAtAMWJLKzYZbXoF3M2vZtBY1x65grFocn15gi2uopwbqMxyYmPAoEJLZ-FbjUfifThQ6TcTERqqoJ8vqk1HQsicF7f8qvDjN8sq1sI-KvNH9Yk-4RpJUmFAFxB4-QEQ-q56Gkah8rxJXOHKoXdmPOLe m5ujJQg0xBYjQk00w &amp;Key-Pair-Id=APKAJLOHF5GGSLRBV4ZA</a>