

## PUBLICACIONES ESTUDIANTES DCF 2019

No	Nombre del artículo	Autores (azul estudiante, negrita director)	Publicado en	Año	Vol.	Pag. de	Pag. hasta	No. artículo	DOI
1	Confined clustering of AuCu nanoparticles under ambient conditions	<b>Rocha-Rocha, O.</b> ; <b>Cortez-Valadez, M.</b> ; Calderon-Ayala, G.; Martinez-Nunez, C. E.; Pedroza-Montero, M.; <b>Flores-Acosta, M.</b>	PHYSICS LETTERS A	2019	383			125985	10.1016/j.physleta.2019.125985
2	First-principles calculations of gold and silver clusters doped with lithium atoms	<b>Alvarez, RA</b> ; Flores-Lopez, NS; Calderon-Ayala, G; Hurtado, RB; Cortez-Valadez, M; <b>Flores-Acosta, M</b>	PHYSICA E-LOW-DIMENSIONAL SYSTEMS & NANOSTRUCTURES	2019	109	78	83		10.1016/j.physe.2018.12.014
3	Graphite to Graphene: Green Synthesis Using Opuntia ficus-indica	<b>Calderon-Ayala, G.</b> ; <b>Cortez-Valadez, M.</b> ; Acosta-Elias, M.; Mani-Gonzalez, P. G.; Zayas, Ma. E.; Castillo, S. J.; <b>Flores-Acosta, M.</b>	JOURNAL OF ELECTRONIC MATERIALS	2019	48	1553	1561		10.1007/s11664-018-06918-5
4	Gravitational wave enhancement as a tool to distinguish dark matter halo profiles	<b>Grijalva Castillo, Sergio</b> ; <b>Calcaneo-Roldan, Carlos</b>	REVISTA MEXICANA DE ASTRONOMIA Y ASTROFISICA	2019	55	231	235		10.22201/ia.01851101p.2019.55.02.11
5	Green synthesis approximation of Au/Li nanoparticles with Opuntia ficus-indica extract	<b>Alvarez-Bayona, RA</b> ; Cortez-Valadez, M ; Martinez-Suarez, F; Cruz-Rivera, JJ; <b>Flores-Acosta, M</b>	PHYSICA E-LOW-DIMENSIONAL SYSTEMS & NANOSTRUCTURES	2019	108	169	173		10.1016/j.physe.2018.12.008
6	H-2 Adsorption on Cu <sub>4</sub> -xM <sub>x</sub> (M = Au, Pt; x=0-4) Clusters: Similarities and Differences As Predicted by Density Functional Theory	<b>Galvez-Gonzalez, Luis E.</b> ; Alonso, Julio A.; Oliver Paz-Borbon, Lauro; <b>Posada-Amarillas, Alvaro</b>	JOURNAL OF PHYSICAL CHEMISTRY C	2019	123	30768	30780		10.1021/acs.jpcc.9b05379
7	Insights into the Interaction of Graphene Oxide and Adsorbed RhB by Raman Spectral Deconvoluted Scanning	<b>Berrellez-Reyes, Francisco</b> ; <b>Alvarez-Garcia, Susana</b>	JOURNAL OF PHYSICAL CHEMISTRY C	2019	123	30021	30027		10.1021/acs.jpcc.9b09353
8	Synthesis and Characterization of Silver Selenide Thin Films by Chemical Bath Deposition and Ionic Exchange	<b>Fernandez-Diaz, E.</b> ; Espinoza-Martinez, A. B.; Flores-Pacheco, A.; Ramirez-Bon, R.; <b>Castillo, S. J.</b> ; Ochoa-Landin, R.	JOURNAL OF ELECTRONIC MATERIALS	2019	48	3405	3409		10.1007/s11664-019-07104-x
9	Testing one-parameter hybrid exchange functionals in confined atomic systems	<b>Duarte-Alcaraz, Francisco-Adrian</b> ; Martinez-Sanchez, Michael-Adan; Rivera-Almazo, Marcos; Vargas, Rubicelia; <b>Rosas-Burgos, Rodrigo-Arturo</b> ; Garza, Jorge	JOURNAL OF PHYSICS B- ATOMIC MOLECULAR AND OPTICAL PHYSICS	2019	52			135002	10.1088/1361-6455/ab233b
10	Variation of the fine-structure constant caused by expansion of the Universe	<b>Cardenas, Ivan A.</b> ; <b>Lipovka, Anton A.</b>	MODERN PHYSICS LETTERS A	2019	34			1950315	10.1142/S0217732319503152