

List of Papers

2022

Ernesto García-Alfonso, Maykel Márquez-Mijares, Jesús Rubayo-Soneira, Nadine Halberstadt, Kenneth C. Janda and Craig C. Martens. *“Photofragmentation dynamics study of ArBr₂ ($v = 16, \dots, 25$) using two theoretical methods: trajectory surface hopping and quasiclassical trajectories”*. **Eur. Phys. J. D. 76, 79. 2022.**

Ernesto García-Alfonso, Manuel Barranco, David A. Bonhommeau, Nadine Halberstadt, Martí Pi and Florent Calvo. *“Clustering, collision , and relaxation dynamics in pure and doped helium nanoclusters: Density - vs particle -based approaches”*. **The Journal of Chemical Physics. 157, 014106. 2022**

2020

Ernesto García-Alfonso, Francois Coppens, Manuel Barranco, Martí Pi, Frank Stienkemeier and Nadine Halberstadt. *“Alkali atoms attached to vortex-hosting helium nanodroplets”*. **The Journal of Chemical Physics. 152, 194109. 2020.**

Ernesto García-Alfonso, Maykel Márquez-Mijares, Jesús Rubayo-Soneira, Nadine Halberstadt, Kenneth C. Janda and Craig C. Martens. *“Study of the Vibrational Predissociation of the NeBr₂ Complex by Computational Simulation using the Trajectory Surface Hopping Method”*. **Sigma Mathematics. 8, 2029. 2020.**

2019

C. Calvo-Mola, S. López Pérez, E. García Alfonso, and J. Cerutti Torres. *“Determination of the Planck Constants through the use of LEDs”*. **Revista Cubana de Física, 36, 125.2019.**