



Review Paper

Cold molecules: Formation, ro-vibrational cooling and electronic conversion

R. Horchani

1630010

Research Papers

Reconfigurable designs for electromagnetically induced transparency in solid state plasma metamaterials with multiple transmission windows

Xiang-Kun Kong, Jin-Jun Mo, Zhi-Yang Yu, Wei Shi, Hai-Ming Li, Bo-Rui Bian

1650070

Ferrimagnetic behaviors in a transverse Ising nanoisland

T. Kaneyoshi

1650073

Kinetics of the persistent photocurrent in a-Si:H

Ruben Jeronimo Freitas, Koichi Shimakawa

1650075

First principles study of the structural, electronic and optical properties of crystalline o-phenanthroline

Hajar Nejatipour, Mehrdad Dadsetani

1650077

First-principles studies of pure and fluorine substituted alanines

Sardar Ahmad, Hamide Vaizie, H. A. Rahnamaye Aliabad, Rashid Ahmad, Imad Khan, Zahid Ali, S. Jalali-Asadabadi, Iftikhar Ahmad, Amir Abdullah Khan

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Characterization of InN nanoparticles prepared by laser as photodetector

Khawla S. Khashan, Sarah F. Abbas

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Phase transition of BiMnO₃ multiferroic thin film by Landau–Ginzburg theory

Ahmad Musleh Alrub, Lye-Hock Ong, K.-H. Chew, J. M. Khoshman, Ghadeer N. Al Shabaan, Rawa'ah Abu Hilaleh

1650082

Totally asymmetric simple exclusion process with a single defect site on boundaries

Song Xiao, Xiaoyu Chen, Yanna Liu

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Light absorption in distorted graphene

Saúl Hernández-Ortiz, David Valenzuela, Alfredo Raya, Saúl Sánchez-Madrigal

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