

Book Chapters

1 Dynamical processes in open quantum systems from a TDDFT perspective: resonances and electron photoemission.

Hjorth Larsen A, De Giovannini U, and Rubio A.

Density Functional Methods for Excited States Book Series: Topics in Current Chemistry 368, pp. 219-271. Springer Int. Publishing AG (2016).

2 Optoelectronic and transport properties of gapped graphene.

Gumbs G, Huang D, Iurov A, Gao Bo.

Graphene Science Handbook: Electrical and Optical Properties, Chapter 30 (2016).

3 Simulation of dimensionality effects in thermal transport.

Donadio D.

Thermal Transport in Low Dimensions: From Statistical Physics to Nanoscale Heat Transfer. Lecture Notes in Physics Vol. 921, pp 275-304 (2016).

4 Recent progress on nonlocal graphene/surface plasmons.

Horing NJM, Iurov A, Gumbs G, Politano A, Chiarello G.

Low Dimensional and Nanostructured Material and Devices: Properties, Synthesis, Characterizations, Modelling and Applications Nanoscience and Technology, pp. 205-237, Ed. Unlu H, Horing NJM, Dabowski J, Springer Int Publishing AG (2016).