PUBLIKÁCIÓK

Nanoplasmonic Photoelectron Rescattering in the Multiphoton-Induced Emission Regime

B Bánhegyi, GZ Kiss,..., P Dombi, Physical Review Letters 133(3): 033801 (2024)

Development of polymethylmethacrylate/reduced graphene oxide composite films as thermal interface materials

R Tarcan MH Dragan CI Leordean, RC Cioban, GZ Kiss,...I Botiz, J of Appl Polymer Science 139 (2022)

Nonadiabatic nano-optical tunneling of photoelectrons in plasmonic near-fields

B Lovász, P Sándor, GZ Kiss, B Bánhegyi, P Rácz, Z Pápa, J Budai, Nano Letters 22: 2303-2308 (2022)

Ultrafast plasmonic photoemission in the single-cycle and few-cycle regimes

G.Zs.Kiss, P. Földi, P. Dombi, Nature Scientific Reports 12: 3932 (2022)

Light-field-driven current control in solids with pJ-level laser pulses at 80 MHz repetition rate

V Hanus, V Csajbók, Z Pápa, J Budai, Z Márton, GZ Kiss, P Sándor, ...Optica 8 (4): 570-576 (2021)

Photoelectron holography of the H2+ molecule

G.Zs. Kiss, S. Borbély, A. Tóth, L. Nagy, Eur. Phys. J. D 74:128 (2020)

Efficient numerical method for investigating diatomic molecules in intense laser fields

G.Zs. Kiss, S. Borbély, L. Nagy, AIP Conf. Proc. 1916: 020010 (2017)

Towards the full quantum dynamical description of photon-induced processes in D2+

A. Tóth, S. Borbély, G.Zs.Kiss, G.J. Halász, Á. Vibók, J. Phys. Chem. A 120: 9411 (2016)

An efficient numerical discretization method for the study of the H2+ in intense laser fields

G.Zs. Kiss, S. Borbély, L. Nagy, AIP Conf. Proc. 1694: 200171 (2015)

Momentum space iterative solution of the time-dependent Schrödinger equation

G.Zs. Kiss, S. Borbély, L. Nagy, AIP Conf. Proc. 78: 1564 (2013)

The excitation and ionization of the hydrogen atom in strong laser fields

Centr. Eur. J. of Phys. 8: 249 (2010)