

L I S T A

lucrărilor științifice în domeniul disciplinelor din postul didactic

A. Teza de doctorat

2010, Interference Effects in the Ionization of the Hydrogen Molecule (cond.: prof.dr. Ladislau Nagy), calificativul Summa Cum Laude

B. Cărți și capitole în cărți publicate în ultimii 10 ani

1. 2012, **Katalin Nagy-Póra**, Vasile Chiș, Simion Aștilean, Onuc Cozar, 31st European Congress On Molecular Spectroscopy, Book of Abstracts, Editura Napoca Star, ISBN 978-973-647-912-0 (370 p.)

C. Lucrări indexate ISI/BDI publicate în ultimii 10 ani

1. 2009, **K. Póra**, L. Nagy, Molecular orientation influence on the interference pattern, *Nucl. Instrum. Meth. Phys. Res. B*, vol. 267, issue 2, 370–372 (IF: 1.156)
2. 2009, F. Járαι-Szabó, **K. Nagy-Póra**, L. Nagy, Semiclassical model for calculating fully differential ionization cross sections of the H₂ molecule, *J. Phys. B: At. Mol. Phys.*, vol. 42, nr. 24, 245203 (IF: 1.91)
3. 2009, S. Borbély, **K. Póra** and L. Nagy, Non-perturbative investigation of the interference effects in the ionization of the H₂ by charged particle impact, *J. Phys: Conf. Series*, vol. 163, 012067
4. 2010, E. Fritsch, C. Ionescu, V. Simon, Sz. Nagy, **K. Nagy-Póra**, M. Rotea, 5th century garnet jewelry from Romania, *Gems and Gemology*, vol. 46, issue 4, 316–318 (IF: 1.541)
5. 2010, C. Ionescu, V. Simon, Sz. Nagy, V. Hoeck, **K. Nagy-Póra**, M. Rotea, S. Filipescu, The Vth century jewellery from Cluj-Napoca (Romania): a non-destructive investigation, *Geologica Balcanica*, vol. 39, issue 1–2, 165–166
6. 2012, **K. Nagy-Póra**, L. Czipa, L. Nagy, Two-center effects in the ionization of heteronuclear molecules, *Studia UBB Physica*, Vol. 57(LVII), 1, 49–58
7. 2015, L. Nagy, L. Czipa, **K. Nagy-Póra**, Improved description of the interference effects in the ionization of H₂ by fast charged projectiles, *J. Phys: Conf. Series*, vol. 635, 032040.

D. Lucrări publicate în ultimii 10 ani în reviste și volume de conferințe cu referenți (neindexate)

- Reviste

- Selecție cu maximum 20 lucrări în volume de conferințe

1. 2009, L. Nagy, S. Borbély and **K. Póra**, Non-perturbative calculations for the ionization of

- the H₂ by charged particle impact, XXI-ISIAC 2009, Norfolk, Virginia, USA
2. 2010, C. Ionescu, V. Simon, Sz. Nagy, V. Hoeck, **K. Nagy-Póra**, M. Rotea, The Vth century jewellery from Cluj-Napoca (Romania): a non-destructive investigation, The 20th general meeting of the International Mineralogical Association, Budapest, Hungary
 3. 2010, C. Ionescu, V. Simon, Sz. Nagy, V. Hoeck, **K. Nagy-Póra**, M. Rotea, S. Filipescu, The Vth century jewellery from Cluj-Napoca (Romania): a non-destructive investigation, XIX Congress of the Carpathian Balkan Geological Association, Thessaloniki, Greece
 4. 2011, **K. Nagy-Póra**, L. Czipa and L. Nagy, Interference effects in the ionization of homonuclear and heteronuclear molecules, Abstract Book of the Physics Conference TIM-11, 24-27 nov. 2011, Timișoara, Romania, Editura Universitatii de Vest, Organizator Universitatea de Vest Timisoara
 5. 2012, L. Nagy, **K. Nagy-Póra**, L. Czipa, Interference effects in the ionization of heteronuclear diatomic molecules, Book of Abstracts, 16th International Conference Physics of Highly Charged Ions 2-7 Sept. 2012, Heilderberg, Germany
 6. 2013, L. Nagy, **K. Nagy-Póra**, Theoretical investigation of projectile coherence effects for the ionization of hydrogen molecule, The 23rd International Symposium on Ion Atom Collisions (ISIAC 2013), July 19-22, 2013, Beijing, China

E. Brevete obținute în întreaga activitate

Data:

Semnătura: