**Научная биография н.с. ЛЯР ОИЯИ**

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обработка и анализ экспериментальных данных, посвященных исследованию динамики процесса слияния-деления, квазиделения, реакций глубоконеупругих передач тяжелых и сверхтяжелых составных систем, полученных в реакциях с тяжелыми ионами.

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1-я премия на конкурсе научно-методических работ ОИЯИ 2000 года

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* “Competition between fusion-fission and quasifission in the reactions with heavy ions leading to the formation of Hs”. The International Conference on Dynamical Aspects of Nuclear Fission (DANF 2011), Smolenice Castle, Slovak Republic, October 17-21, 2011.
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* “Bimodal fission of Hs\*”. The International Symposium on Entrance Channel Effect on the Reaction Mechanism in Heavy Ion Collisions, Messina, Italy, November 6-8, 2013.
* “Fusion probabilities in the reactions with actinide nuclei leading to the formation of SHE”. The International Symposium on Exotic Nuclei (EXON 2016), Kazan, Russia, September 4-10, 2016.
* “Inverse Quasifission in 156,160Gd+186W Reactions”. LXVII International Conference on Nuclear Spectroscopy and Atomic Nucleus Structure (Nucleus-2017), Almaty, Kazakhstan, September 12-15, 2017.
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**Публикации:** (список включает доклады, опубликованные в трудах конференций)

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16. E.M. Kozulin, E. Vardaci, G.N. Knyazheva, A.A. Bogachev, S.N. Dmitriev, I.M. Itkis, M.G. Itkis, A.G. Knyazev, T.A. Loktev, K.V. Novikov, E.A. Razinkov, O.V. Rudakov, S.V. Smirnov, W. Trzaska, V.I. Zagrebaev. *Mass distributions of the system 136Xe + 208Pb at lab energies around the Coulomb barrier: a candidate reaction for production of neutron-rich nuclei at N=126*, Phys. Rev. C 86 (2012) 044611.
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18. E.M. Kozulin, G.N. Knyazheva, S.N. Dmitriev, I.M. Itkis, M.G. Itkis, T.A. Loktev, K.V. Novikov, A.N. Baranov, W.H. Trzaska, E. Vardaci, S. Heinz, O. Beliuskina, S.V. Khlebnikov. *Shell effects in damped collisions of 88Sr with 176Yb at the Coulomb barrier energy*, Phys. Rev. C 89 (2014) 014614.
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27. I.M. Itkis, E.M. Kozulin**,** G.N. Knyazheva, K.V. Novikov, M.G. Itkis, S.N. Dmitriev, A.V. Karpov, V.I. Zagrebaev, A.E. Bondarchenko, E. Vardaci. *Inverse Quasifission in the Reactions 156,160Gd + 186W at the Coulomb Barrier Energy*. In: Proc. of the International Symposium on Exotic Nuclei (EXON-2016) 4-10 September, 2016, Kazan, Russia. World Scientific Publishing, eds. Yu.E. Penionzhkevich, Yu.G. Sobolev, p.181-191, 2017.
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