

Список публикаций за 5 лет:

1. E.M. Kozulin, G.N. Knyazheva, A.V. Karpov, V.V. Saiko, A.A. Bogachev, I.M. Itkis, K.V. Novikov, I.V. Vorobiev, I.V. Pchelintsev, E.O. Savelieva, R.S. Tikhomirov, M.G. Itkis, and Yu.Ts. Oganessian, Detailed study of multinucleon transfer features in the $^{136}\text{Xe} + ^{238}\text{U}$ reaction, Phys. Rev. C 109 (2024) 034616;
2. E.M. Kozulin, A.A. Bogachev, G.N. Knyazheva, V.V. Saiko, I.M. Itkis, K.V. Novikov, D. Kumar, and Pushpendra P. Singh. Exclusive Mass-Energy Distributions of the Fast Fission Fragments in the $^{40}\text{Ca} + ^{144}\text{Sm}$ Reaction, Phys. At. Nucl. 86 (2023) 56;
3. V. Saiko, A. Karpov, Multinucleon transfer as a method for production of new heavy neutron-enriched isotopes of transuranium elements, Eur. Phys. Jour. A.58 (2022) 41;
4. J. Even, X. Chen, A. Soylu, P. Fischer, A. Karpov, V. Saiko, J. Saren, M. Schlaich, T. Schlathölter, L. Schweikhard, J. Uusitalo and F. Wienholtz, The NEXT Project: Towards Production and Investigation of Neutron-Rich Heavy Nuclides, Atoms 10 (2022) 59;
5. E.M. Kozulin, G.N. Knyazheva, A.A. Bogachev, V.V. Saiko, A.V. Karpov, I.M. Itkis, K.V. Novikov, Y.S. Mukhamejanov, I.V. Pchelintsev, I.V. Vorobiev, T. Banerjee, M. Cheralu, and Pushpendra P. Singh, Experimental study of fast fission and quasifission in the $\text{Ca}^{40} + \text{Pb}^{208}$ reaction leading to the formation of the transfermium nucleus No^{248} , Phys. Rev. C. 105 (2022) 024617;
6. В.В. Сайко, А.В. Карпов, Роль уравновешивания заряда в реакциях многонуклонных передач, Известия РАН. Серия физическая 84 (2020) 559;
7. Д. Кумар, Э.М. Козулин, М. Чералу, Г.Н. Княжева, Ю.М. Иткис, М.Г. Иткис, К.В. Новиков, А.А. Богачев, Н.И. Козулина, И.Н. Дятлов, И.В. Пчелинцев, И.В. Воробьев, Т. Банерджи, Е.С. Мухамеджанов, А.Н. Пан, В.В. Сайко, П.П. Сингх, Р.Н. Сахи, А.Н. Андреев, Д.М. Филипеску, М. Майти, Р. Праджалат, Р. Кумар, Изучение масс-асимметричного деления $^{180,190}\text{Hg}$ в реакциях $^{36}\text{Ar} + ^{144,154}\text{Sm}$, Известия РАН. Серия физическая 84 (2020) 1209;
8. T. Dickel, A. Kankainen, A. Spätaru, D. Amanbayev, O. Beliuskina, S. Beck, P. Constantin, D. Benyamin, H. Geissel, L. Gröf, C. Hornung, A.V. Karpov, I. Mardor, G. Münzenberg, D. Nichita, W.R. Plaß, I. Pohjalainen, S. Purushothaman, M. Reponen, A. Rotaru, V.V. Saiko, C. Scheidenberger, J.S. Winfield, A. Zadvornaya et al., Multi-nucleon transfer reactions at ion catcher facilities - A new way to produce and study heavy neutron-rich nuclei, Journal of Physics: Conference Series 1668 (2020) 012012;
9. A. Spätaru, D.L. Balabanski, O. Beliuskina, P. Constantin, T. Dickel, C. Hornung, A. Kankainen, A.V. Karpov, D. Nichita, W. Plass, S. Purushothaman, A. Rotaru, V.V. Saiko, A. State, J.S. Winfield, A. Zadvornaya, Production of exotic nuclei via MNT reactions using gas cells, Acta Phys. Pol. B. 51 (2020) 817;
10. V. Saiko and A. Karpov, Role of charge equilibration in multinucleon transfer in damped collisions of heavy ions, EPJ Web of Conferences 223 (2019) 01055;
11. V. V. Saiko and A. V. Karpov, Analysis of multinucleon transfer reactions with spherical and statically deformed nuclei using a Langevin-type approach, Physical Review, C99 (2019) 014613;
12. V. V. Saiko and A. V. Karpov, Analysis of multi-nucleon transfers in collisions of actinides, Acta Physica Polonica, B 50 (2019) 495;
13. A. V. Karpov and V. V. Saiko, Synthesis of Transuranium Nuclei in Multinucleon Transfer Reactions at Near-Barrier Energies, Phys. Part. Nucl. Lett. 16 (2019) 667;