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### **Список научных работ**

за период с 2018 по 2023гг. (данные на 20.02.2023)

#### **Публикации в рецензируемых журналах (зарубежные):**

1. Neutron-deficient superheavy nuclei obtained in the Pu240 + Ca48 reaction  
*V. K. Utyonkov, N. T. Brewer, Yu. Ts. Oganessian, K. P. Rykaczewski, F. Sh. Abdullin, S. N. Dmitriev, R. K. Grzywacz, M. G. Itkis, K. Miernik, A. N. Polyakov, J. B. Roberto u др.*, Physical Review C, ISSN:0556-2813, eISSN:1089-490X, Изд:American Physical Society, 97, 014320-1 - 014320-10, 2018
2. Non-proportionality of GAGG:Ce scintillators down to 50 eV electron equivalent by application of alpha particle excitation  
*P. Sibczynski, W. Czarnacki, Z. Mianowska, S. Mianowski, M. Moszynski, T. Sworobowicz, L. Swiderski, A. A. Bezbakh, A. S. Fomichev, S. A. Krupko, A. V. Sabelnikov u др.*, Nuclear Instruments and Methods in Physics Research Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, ISSN:0168-9002, eISSN:1872-9576, Изд:Elsevier Science Limited, 898, 24-29, 2018
3. Search for the heaviest atomic nuclei among the products from reactions of mixed-Cf with a Ca 48 beam  
*N. T. Brewer, V. K. Utyonkov, K. P. Rykaczewski, Yu. Ts. Oganessian, F. Sh. Abdullin, R. A. Boll, D. J. Dean, S. N. Dmitriev, J. G. Ezold, L. K. Felker, R. K. Grzywacz, u др.*, Physical Review C, ISSN:0556-2813, eISSN:1089-490X, Изд:American Physical Society, 98, 024317-1 - 024317-10, 2018
4. Toward ternary fission accompanied by the 8 Be nucleus  
*D. A. Artemenkov, V. Bradnova, M. V. Gustova, O. M. Ivanov, R. R. Kattabekov, M. Kahramon, V. V. Rusakova, A. V. Sabelnikov, A. Zaitsev, P. I. Zarubin, I. G. Zarubina u др.*, Eurasian Journal of Physics and Functional Materials, ISSN:2522-9869, Изд:Physico-Technical Society of Kazakhstan, 3(1), 71-83, 2019
5. Investigation of <sup>48</sup>Ca-induced reactions with <sup>242</sup>Pu and <sup>238</sup>U targets at the JINR Superheavy Element Factory  
*Yu. Ts. Oganessian, V. K. Utyonkov, D. Ibadullayev, F. Sh. Abdullin, S. N. Dmitriev, M. G. Itkis, A. V. Karpov, N. D. Kovrizhnykh, D. A. Kuznetsov, O. V. Petrushkin, A. V. Podshib u др.*, Physical Review C, ISSN:0556-2813, eISSN:1089-490X, Изд:American Physical Society, 106, 2, 024612-1 - 024612-13, 2022
6. First experiment at the Super Heavy Element Factory: High cross section of <sup>288</sup>Mc in the <sup>243</sup>Am + <sup>48</sup>Ca reaction and identification of the new isotope <sup>264</sup>Lr  
*Yu. Ts. Oganessian, V. K. Utyonkov, N. D. Kovrizhnykh, F. Sh. Abdullin, S. N. Dmitriev, D. Ibadullayev, M. G. Itkis, D. A. Kuznetsov, O. V. Petrushkin, A. V. Podshibiakin, A. N. Po u др.*, Physical Review C, ISSN:0556-2813, eISSN:1089-490X, Изд:American Physical Society, 106, L031301, 2022
7. New isotope <sup>286</sup>Mc produced in the <sup>243</sup>Am + <sup>48</sup>Ca reaction  
*Yu. Ts. Oganessian, V. K. Utyonkov, N. D. Kovrizhnykh, F. Sh. Abdullin, S. N. Dmitriev, A. A. Dzhiyev, D. Ibadullayev, M. G. Itkis, A. V. Karpov, D. A. Kuznetsov,*

*O. V. Petrushkin, u òp.*, Physical Review C, ISSN:0556-2813, eISSN:1089-490X,  
Изд:American Physical Society, 106, 064306, 2022

8. Average charge states of heavy ions in rarified hydrogen

*Yu. Ts.Oganessian, V.K.Utyonkov, D.I.Solovyev, F. Sh.Abdullin, S.N.Dmitriev,  
D.Ibadullayev, M.G.Itkis, N.D.Kovrizhnykh, D.A.Kuznetsov, O.V.Petrushkin,  
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Research Section A: Accelerators, Spectrometers, Detectors and Associated  
Equipment, ISSN:0168-9002, eISSN:1872-9576, Изд:Elsevier Science Limited, 1048,  
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