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Senior lecturer of International Department  
of Nuclear Physics, New Materials and  
Technologies, L.N.Gumilyov Eurasian  
National University  
**Contact details:**  
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**Scientific degree, Scientific School:**  
Ph.D., L.N.Gumilyov Eurasian National University, Joint Institute for Nuclear  
Research (Dubna, Russia)

**Research interests:** Nuclear Physics.

**Research Grants:**  
2012-2014 – Junior Researcher of the grant financing project "Development of  
new efficient thermoelectric generators based on nanostructured materials";  
2012-2014 - Junior Researcher of the grant financing project "Receipt, purification  
and storage of hydrogen fuel for autonomous power plants";  
2015-2017 - Researcher of scientific and technical program of program-targeted  
financing "Development of hydrogen energy and technology in the Republic of  
Kazakhstan";  
2015-2017 - Researcher of the grant financing project "Development and creation  
of new nanocrystalline and nanocomposite chalcogenide materials for  
improvement the efficiency of thermoelectric generators";  
2018-2020 - Senior Researcher of the scientific and technical program of program-  
targeted financing "Development of hydrogen energy technology in the Republic  
of Kazakhstan";

**Professional experience:**

Since 2017 - Senior Lecturer at the  
International Department of Nuclear Physics,  
New Materials and Technologies of L.N.  
Gumilyov Eurasian National University.

Since 2018 - Executive Secretary of the  
Journal "Eurasian Journal of Physics and  
Functional Materials" <http://ephys.kz>

**Delivered courses:** Theory of nuclear reactions, the structure of the atomic  
nucleus, Physics of heavy ions, Exotic nuclei, Registration and spectrometry of  
heavy ions and products of nuclear reactions, Optics

**Certificates**

Certificate "The best scientific work of ENU 2017"

**Publications (selection):**

1. Kuterbekov K.A., Kabyshev A.M. et al. Energy Dependence of Optical-Model  
Parameters for the Interaction of  ${}^6\text{Li}$  and  ${}^7\text{Li}$  Ions with  ${}^{28}\text{Si}$  Nuclei at Low Energies  
// Physics of Atomic Nuclei. – 2014. – Vol. 77, No. 5. – P. 581; Ядерная Физика.  
– 2014. – Vol. 77, No. 5. – P. 615. DOI: 10.1134/S1063778814050111. **Impact-  
factor 0.56.**
2. Kuterbekov K.A., Kabyshev A.M., Azhibekov A.K. Peculiarities of  
interaction of weakly bound lithium nuclei ( $A=6-11$ ) at low energies: Elastic  
scattering and total reaction cross sections// Chinese Journal of Physics. – 2017. –  
V.55. – P. 2523–2539. <https://doi.org/10.1016/j.cjph.2017.09.002>. **Impact-factor  
0.51.**
3. Sobolev Yu.G., Kabyshev A.M. et al. Experimental research of the total  
reaction cross section energy dependence for  ${}^6\text{He} + {}^{\text{nat}}\text{Si}$  and  ${}^9\text{Li} + {}^{\text{nat}}\text{Si}$  // Physics  
of Particles And Nuclei. – 2017. – Vol. 48. P. 922-926. DOI:  
10.1134/S1063779617060545. **Impact-factor 0.68.**
4. Kabyshev A.M. et al. Some Peculiarities of Interactions of weakly bound  
lithium nuclei at near-barrier energies// J.Phys.G: Nuclear and Particle Physics. –  
2018. – V.45. – P.025103. <https://doi.org/10.1088/1361-6471/45/2/025103>.  
**Impact-factor 2.89.**
5. Nabyev A., Olejniczak A., Pawlukoć A., Balasoiu M., Bunoiu M.,  
Maharramov A.M., Nuriyev M.A., Ismayilova R.S., Azhibekov A., Kabyshev

**Awards:**

A.M. Nano-ZrO<sub>2</sub> filled high-density polyethylene composites: Structure, thermal properties, and the influence  $\gamma$ -irradiation // Polymer Degradation and Stability. – 2020. – P. 109042. 10.1016/j.polymdegradstab.2019.109042. (**Impact Factor 3.78**)

6. Lukyanov S., Issatayev T., Hue B.M., Maslov V., Mendibayev K., Stukalov S.S., Aznabayev D., Shakhov A., Kuterbekov K.A., Kabyshev A.M. Neutron pick-up reactions in <sup>18</sup>O (10 MeV/nucleon) + Ta // Eurasian journal of physics and functional materials. - 2020. - Vol. 4(4). - P. 274 - 280. 10.29317/ejpfm.2020040401.