

## SERIES OF ARTICLES

for the degree of Doctor of Philosophy (Ph.D.) on specialty «6D071000 -  
Materials science and technology of new materials»

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**Dissertation topic:** Relaxation processes in thin films of freon cryovacuum condensates.

1. [Abdurakhman Aldiyarov, Dmitriy Sokolov, Assel Nurmukan\\*, Eugeni Korshikov. The study of thermophysical properties of rubber and plastic household waste to determine the temperature conditions of cryoprocessing// Applied Surface Science. – Vol. 511. – 2020. – P.145487.](#)
2. [Abdurakhman Aldiyarov, Assel Nurmukan\\*, Dmitriy Sokolov, Eugeni Korshikov. Investigation of vapor cryodeposited glasses and glass transition of tetrachloromethane films// Applied Surface Science. – Vol. 507. – 2020. – P. 144857.](#)
3. [Andrey Drobyshev, Abdurakhman Aldiyarov, Assel Nurmukan\\* Dmitriy Sokolov, Ainura Shinbayeva. Structure transformations in thin films of CF<sub>3</sub>-CFH<sub>2</sub> cryodeposites. Is there a glass transition and what is the value of T<sub>g</sub>?// Applied Surface Science. – 2018. – Vol. 446. – P. 196-200.](#)