

■ 1. Beynəlxalq elmi jurnallarda məqalələr (Scopus / WoS)

1. The influence of some environmental factors on temporary degradation of organic components of paper pulp and writing compositions

The Natural Products Journal, 2025 — Scopus Q3

🔗 <https://www.eurekaselect.com/article/143230>

🔗 <https://doi.org/10.2174/0122103155322800240911053346>

Müəlliflər: M.A. Mehrabova, K.J. Gulmemmedov, S.V. Kochemirovskaya, S.K. Kozhakhmetov, V.O. Barova, D.D. Mokhorov, V.A. Kochemirovsky

2. The influence of organic additives phthalic anhydride and phthalic acid on the temperature-time dependencies of the electrical strength of HPPE films

Mechanics of Time-Dependent Materials, 2025 — Scopus Q2

🔗 <https://doi.org/10.1007/s11043-025-09780-1>

Müəlliflər: M.A. Mehrabova, F.Sh. Kerimov, S.I. Mammadova, S.I. Safarova, Sh.M. Mehdiyeva

3. Mechanical Properties of a Polyurethane-based Composite Modified with Boron Nitride

Advanced Physical Research, 2025 — Scopus Q2

🔗 <https://doi.org/10.62476/apr.73215>

Müəlliflər: Matanat Mehrabova, Farhad Kerimov, Sevinj Safarova, Niyazi Hasanov, Resul Rehimov

4. Study of mechanical properties of LDPE modified with carbon nanotubes

Reliability: Theory & Applications, 2025 — Scopus Q3

🔗 <https://doi.org/10.24412/1932-2321-2025-783-410-419>

Müəlliflər: Matanat Mehrabova, Elbay Babayev, Farhad Kerimov, Musa Asadov, Niyazi Hasanov, Fail Shamilov, Yashar Musayev

5. Influence of magnetic field and reagents on structural and mechanical properties of high-resin emulsion oils

Processes of Petrochemistry and Oil Refining, 2025 — Web of Science

🔗 <https://ppor.az/index.php/ppor/article/view/610>

Müəlliflər: E.A. Mamedov, M.A. Mehrabova, M.F. Asadov, Sh.G. Aliev, T.P. Musayev, K.L. Zeynalova

6. Reaction of Decomposition of Hydrogen-containing Components of Aqueous-organic Mixture on Metal Nanoparticles Produced by Laser Synthesis and Ablation Methods

Recent Patents on Nanotechnology, 2025 — Scopus Q2

🔗 <https://pubmed.ncbi.nlm.nih.gov/40598726/>

Müəlliflər: Y.Y. Denisova, S.V. Kochemirovskaya, M.A. Mehrabova, K.J. Gulmemmedov, D.A. Mokhorov, M.O. Novomlinskii, I.D. Alyukov, V.A. Kochemirovsky

7. The Effect of Temperature on the Emission Properties of Boron Nitride

Advanced Physical Research, 2025 — Scopus Q2

🔗 <https://doi.org/10.62476/apr.73264>

Müəlliflər: S.G. Asadullayeva, M.A. Mehrabova, A.N. Jafarova, A.S. Abiyev

8. Effect of gamma irradiation on electrical properties of thin film heterojunction based on CdMnSe

New Materials, Compounds and Applications, 2025 — Scopus Q4

🔗 <https://doi.org/10.62476/nmca.93601>

Müəlliflər: M.A. Mehrabova, N.İ. Huseynov, R.M. Sadigov, A.M. Nazarov, A.İ. Kazimova, A.A. Abdullayeva

9. Growth, structural and optical properties of $\text{Pb}_{1-x}\text{Fe}_x\text{Te}$ epitaxial films

UNEC Journal of Engineering and Applied Sciences, 2025 — Scopus Q2

🔗 <https://doi.org/10.61640/ujeas.2025.1208>

Müəlliflər: M.A. Mehrabova, R.M. Sadigov, K.E. Rahimova

10. Comparative analysis of $\text{CdTe}/\text{Cd}_{1-x}\text{Mn}_x\text{Te}$ heterojunctions for solar cell applications

Reliability: Theory & Applications, 2025 — Scopus Q3

🔗 <https://www.gnedenko.net/Journal/archive.htm>

Müəlliflər: M.A. Mehrabova, N.Y. Safarov, N. Gojayeva, M. Badalova

11. Microelectronic switch based on semiconductor $(\text{In}_2\text{Te}_3)_{0.97}(\text{MnTe}_2)_{0.03}$

Advanced Physical Research, 2025 — Scopus Q3

🔗 <https://doi.org/10.62476/apr.71118>

Müəlliflər: M.Sh. Hasanova, Ch.İ. Abilov, M.A. Jafarov, N.T. Huseynova, E.K. Gasimova

12. Ni-Bi-Sn ternary system liquidus surface projection

J. Serbian Chemical Society, 2025 — Scopus Q3

🔗 <https://doi.org/10.2298/JSC250305045A>

Müəlliflər: Ch. Abilov, I. Bakhtiyarly, S. Sadigova, M. Hasanova, E. Gasimova

13. First-Principles Investigation of Electronic, Optical, and Lattice Properties of $\alpha\text{-In}_2\text{Se}_3$

Physics of the Solid State, 2025 — Scopus Q3

🔗 <https://doi.org/10.1134/S1063783424602297>

Müəlliflər: Z.A. Jahangirli, A.F. Talifli, B.H. Mehdiyev, T.O. Bayramova, S.S. Osmanova, R.G. Seidov, J.A. Guliyev

14. Electronic Structure and Dielectric Functions of GaInS_3

Physics of the Solid State, 2025 — Scopus Q3

🔗 <https://doi.org/10.1134/S1063783425600980>

Müəlliflər: Z.A. Jahangirli, A.B. Rahimli, B.H. Mehdiyev, R.G. Seidov, T.O. Bayramova, S.S. Osmanova, J.A. Guliyev

15. Optical Properties of Magnetic Semiconductors TlFeS_2 and TlFeSe_2

Physics of the Solid State, 2025 — Scopus Q3

🔗 <https://doi.org/10.1134/S106378342560116X>

Müəlliflər: Z.I. Badalova, Z.A. Jahangirli, Yu.A. Abdullayev, S.S. Ragimov, B.H. Mehdiyev, Kh.A. Hidiyev, S.S. Osmanova, N.A. Abdullayev

16. Phonon properties of CuInS_2 crystals

Physics of the Solid State, 2025 — Scopus Q3

🔗 <https://doi.org/10.1134/S1063783425602553>

Müəlliflər: I.Q. Qasimoglu, Z.A. Jahangirli, I.A. Mamedova, G.S. Mehdiyev, Z.I. Badalova, R.A. Hasanova, S.S. Osmanova, Kh.V. Aliguliyeva, B.H. Mehdiyev, N.A. Abdullayev

17. Optimization of the electrochemical deposition method for multilayered structures

Advanced Physical Research, 2025 — Scopus Q2

🔗 <https://doi.org/10.62476/apr.73273>

Müəlliflər: A. Kotelnikova, K. Kadyrzhanov, D. Shlimas, A. Trukhanov, R. Shakirzyanov, T. Zubar, M. Zdorovets, S. Osmanova, H. Huseynov, R. Hashimov

18. Formation of Mn_4Si_7 thin films and improvement of thermoelectric properties

Materials Letters: X, 2025 — Scopus Q2

 <https://doi.org/10.1016/j.mtblux.2025.100254>

Müəlliflər: M.T. Normuradova, I.R. Bekpulatova, V.V. Klechkovskaya, Kim Ki Buem, B.D. Igamov, M.S. Lukasov, Gunel Imanova, E.A. Kerimov, Sh.A. Zeynalov

2. Patentlər (2025)

1. Su-neft emulsiyalarının əmələ gəlməsinin qarşısının alınması üsulu

Patent № İ2025 0096

Müəlliflər: E.A. Məmmədov, M.Ə. Mehrabova, M.F. Əsədov, T.P. Musayev, Ş.H. Əliyev, K.L. Zeynalova

2. Dayanıqlı su-neft emulsiyalarının susuzlaşdırılması üsulu

Patent № İ2025 0090

Müəlliflər: E.A. Məmmədov, M.Ə. Mehrabova, M.F. Əsədov, T.P. Musayev, K.L. Zeynalova