

List of scientific publications in international peer-reviewed journals indexed in Scopus and Web of Science  
Mustafa Laura Moldakerimovna

Author Identifiers:

Scopus Author ID: 57194198088

Web of Science Researcher ID: HNS-1782-2023

ORCID: <https://orcid.org/0000-0002-9779-0007>

| № | Title of the publication                                                                         | Type of publication | Journal Title, Year of Publication, DOI                                                                                                                                                        | Journal Impact Factor, Quartile, and Subject Area according to Journal Citation Reports for the year of publication | Index in the Web of Science Core Collection | Journal CiteScore, Percentile, and Subject Area according to Scopus for the year of publication | Full names of the authors (underline the name of the applicant)                                                    | Role of the candidate |
|---|--------------------------------------------------------------------------------------------------|---------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------|---------------------------------------------|-------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------|-----------------------|
| 1 | 2                                                                                                | 3                   | 4                                                                                                                                                                                              | 5                                                                                                                   | 6                                           | 7                                                                                               | 8                                                                                                                  | 9                     |
| 1 | The Effect of Modifiers on the Strength and Impact Toughness of Carbon Fiber Reinforced Plastics | Article             | Journal of Multidisciplinary Applied Natural Science Vol. 5 No. 1 (2025)/P.130-140.<br><a href="https://doi.org/10.47352/jmans.2774-3047.234">https://doi.org/10.47352/jmans.2774-3047.234</a> | IF 4.9<br>POLYMER<br>SCIENCE<br>Q1                                                                                  | SCIE                                        | CiteScore 2024: 4.8;<br>Процентили: 65%<br>Фылым саласы: Materials Science                      | <u>Laura Mustafa</u> ,<br>Marat Ismailov,<br>Indira<br>Tashmukhanbetova,<br>Ilyas Ablakatov,<br>Venera Zhumakanova | The first author      |
| 2 | Design and Manufacturing of Experimental Solid Propellant                                        | Article             | Polymers 2025, 17, 1352, P.2-14.<br><a href="https://doi.org/10.3390/polym17101352">https://doi.org/10.3390/polym17101352</a>                                                                  | IF 4.9<br>POLYMER<br>SCIENCE<br>Q1                                                                                  | SCIE                                        | CiteScore 2024: 9.7;<br>Процентили: 85%                                                         | Baiserikov B.;<br>Ismailov M.;<br>Mustafa L.;                                                                      | The correspondent     |

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|---|------------------------------------------------------------------------------------------------------------------------------------------|---------|--------------------------------------------------------------------------------------------------------------------------------|------------------------------------------|----------------------------------------|------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|
|   | Rocket Motor Cases Made of Carbon Composite Materials                                                                                    |         |                                                                                                                                |                                          | Ғылым саласы: <b>Materials Science</b> | Yesbolov N.;<br>Kulbekov A.;<br>Yermekov A.;<br>Meirbekov M.;<br>Ablakotov I.            |                                                                                                                                                                                               |          |
| 3 | Optimized Development of High-Porosity Structural Thermal Insulation Foam Ceramics Based on Local Natural and Technogenic Raw Materials. | Article | Ceramics 2025, 8, 35. P.2-30.<br><a href="https://doi.org/10.3390/ceramics8020035">https://doi.org/10.3390/ceramics8020035</a> | IF 2.3<br>MATERIALS SCIENCE, CERAMICS-Q2 | ESCI                                   | CiteScore <b>2024:</b> 3.7;<br>Процентили: 57%<br>Ғылым саласы: <b>Materials Science</b> | Kuanysbay A.;<br>Niyetbay S.;<br>Tashmukhanbetova I.;<br>Sadyrov R.;<br>Amangeldi N.;<br>Mustafa L.;<br>Nurakhova A.;<br>Rustemov I.;<br>Yesbolat A.                                          | Coauthor |
| 4 | Polymer-Based Thermal Protective Composites: The Role of Reinforcement and Matrix in Providing Strength and Fire Resistance.             | Article | Polymers 2025, 17, 1419. P.2-13.<br><a href="https://doi.org/10.3390/polym17101419">https://doi.org/10.3390/polym17101419</a>  | IF 4.9<br>POLYMER SCIENCE Q1             | SCIE                                   | CiteScore <b>2024:</b> 9.7;<br>Процентили: 85%<br>Ғылым саласы: <b>Materials Science</b> | Meirbekov M.;<br>Kuandyk A.;<br>Sadykov M.;<br>Nurzhanov M.;<br>Yesbolov N.;<br>Baiserikov B.;<br>Ablakotov I.;<br>Mustafa L.;<br>Medyanova B.;<br>Kulbekov A.;<br>Orazbek S.;<br>Yermekov A. | Coauthor |

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|---|------------------------------------------------------------------------------------------------------------------------------------------------------|---------|----------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|------|----------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|
| 5 | Study of the effect of combined reinforcement and modification of epoxy resin with rubbers on the impact strength of carbon fiber-reinforced plastic | Article | Eurasian Journal of Physics and Functional Materials, Vol.8(1). P.22-32.<br>DOI: 10.32523/ejpfm.2024080103                                   | Q4                              |      | CiteScore 2024: 1.1;<br>Пропентили: 24%<br>Ғылым саласы: Materials Science | M.N. Meiribekov, M.B. Ismailov, A.K. Kenzhegulov, <u>L.M. Mustafa</u> , I.B. Tashmukanbetova                                                                                                         | Coauthor |
| 6 | Removal of Environmental Organic Pollutants from Industrial Wastewater using Cellulose based Membranes                                               | Article | ES Energy and Environment, 2025,29, 1728 P.1-12.<br>DOI: <a href="https://dx.doi.org/10.30919/eel728">https://dx.doi.org/10.30919/eel728</a> | Q1                              | -    | CiteScore 2024: 9.2<br>Пропентили: 82%<br>Ғылым саласы: Materials Science  | Seilkhan, Ainur Aimbetova, Elmira Beken, Akbota Shicheng, Zhang Mustafa, Laura Kerimkulov, Zhambul Seidildayeva, Ashirgul Karibayev, Mirat Salikhodzha, Zhuusupbek Taltenov, Abzal Idrisheva, Zhanat | Coauthor |
| 7 | Synthesis and Studies of PAM-Ag-g/W <sub>S2</sub> /Ti <sub>3</sub> C <sub>2</sub> T <sub>x</sub> Hydrogel and Its Possible Applications              | Article | Polymers, 2025, 17(19), 2588.<br><a href="https://doi.org/10.3390/polym17192588">https://doi.org/10.3390/polym17192588</a>                   | IF 4.9<br>POLYMER SCIENCE<br>Q1 | SCIE | CiteScore 2024: 9.7;<br>Пропентили: 85%<br>Ғылым саласы: Materials Science | Ariнова Анар, Boukhalov Danil W., Umirzakov Arman, Bondar Ekaterina, Shongalova Aigul, Mustafa Laura, Kemelbekova Ainagul, Dmitriyeva Elena.                                                         | Coauthor |

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|---|--------------------------------------------------------------------------------------|--------|------------------------------------------------------------------------------------------------------------------------|------------------------------|------|----------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|
| 8 | Multimatix Composite Materials for Rocket Nozzle Manufacturing: A Comparative Review | Review | Polymers 2025,17(21),2946<br><a href="https://doi.org/10.3390/polym17212946">https://doi.org/10.3390/polym17212946</a> | IF 4.9<br>POLYMER SCIENCE Q1 | SCIE | CiteScore 2024: 9.7;<br>Пролеттилі: 85%<br>Ғылым саласы: Materials Science | Mohammed Meirbekov<br>Mukhammed Sadykov<br>Assem Kuandyk<br>Marat Nurguzhin<br>Marat Janikejev<br>Gulmaira Partizan<br>Laura Mustafa<br>Nurmakhan Yesbolov | Coauthor |
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List of scientific, scientific and methodological works of  
Laura Moldakerimovna Mustafa, PhD

| № | Title of the publication                                                                | Type of publication | Journal name, year of publication (according to databases), DOI.                                                                                                                                | Number of pages | Co-authors                                                                |
|---|-----------------------------------------------------------------------------------------|---------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|---------------------------------------------------------------------------|
| 1 | 2                                                                                       | 3                   | 3                                                                                                                                                                                               | 4               | 5                                                                         |
| 1 | Investigation of the Technology of Introducing Li, Mg and Zr Alloys into Aluminum Alloy | Printed /Electronic | Complex Use of Mineral Resources, 2023, 327(4), P.32–40. DOI: 10.31643/2023/6445.37                                                                                                             | 9               | Ablakator I.K.,<br>Ismailov M.B.,<br>Sanin A.F.                           |
| 2 | Research on armor steel technology and ways to improve its mechanical properties        | Printed /Electronic | News of the National Academy of Sciences of the Republic of Kazakhstan, Series of Geology and Technical Sciences, 2025, 2025(1), P. 140–154. DOI:10.32014/2025.2518-170X.481                    | 14              | Ablakator I.K.,<br>Baiserikov B.M.,<br>Ismailov M.B.,<br>Zhumakanova V.R. |
| 3 | Application of aluminum-lithium alloys in defense and aerospace engineering             | Printed             | Scientific works of the Border Academy of the National Security Committee of the Republic of Kazakhstan. No. 1 for 2023, pp. 157-166. There is a certificate with the chipboard stamp (closed). | 10              | I.K. Ablakator,<br>M.B. Ismailov,<br>D.U. Smagulov.                       |

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|---------------|------------------------------------------------------------------------------------------------------------------------|---------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-------------------------------------------------------------------------------------------|
| 1             | 2                                                                                                                      | 3                   | 4                                                                                                                                                                                           | 5   | 6                                                                                         |
| 4             | A study of an aluminum-lithium alloy with respect to armor resistance to automatic fire.                               | Printed             | Scientific works of the Border Academy of the National Security Committee of the Republic of Kazakhstan. №3 for 2023, P. 138-145. There is a certificate with the chipboard stamp (closed). | 8   | I.K. Ablakatov,<br>M.B. Ismailov                                                          |
| 5             | Research and improvement of weld quality of armor-resistant aluminum-lithium alloy.                                    | Printed             | Scientific works of the Border Academy of the National Security Committee of the Republic of Kazakhstan. №4 for 2023, P. 124-132. There is a certificate with the chipboard stamp (closed). | 9   | I.K. Ablakatov,<br>M.B. Ismailov,<br>D.U. Smagulov.                                       |
| 6             | Research of the effect of thermomechanical treatment on the properties of steel                                        | Printed /Electronic | Combustion and plasma chemistry Vol 23 № 2. 2025. P.205-213.<br><a href="https://doi.org/10.18321/cpc23(2)205-213">https://doi.org/10.18321/cpc23(2)205-213</a>                             | 9   | I.K. Ablakatov,<br>A.D. Baigonov<br>B.M. Baiserikov<br>V.R. Zhumakanova<br>M.N. Meirbekov |
| The monograph |                                                                                                                        |                     |                                                                                                                                                                                             |     |                                                                                           |
| 1             | 2                                                                                                                      | 3                   | 4                                                                                                                                                                                           | 5   | 6                                                                                         |
| 1             | Development of methods for improving epoxy resin and carbon fabrics to enhance the strength properties of carbon fiber | Printed /Electronic | Daryn publishing, 2025, 108 pages<br>ISBN 978-601-7698-01-0                                                                                                                                 | 108 |                                                                                           |

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| International scientific and practical conferences |                                                                                              |                     |                                                                                                                                                                                                                                                             |    |                |
|----------------------------------------------------|----------------------------------------------------------------------------------------------|---------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|----------------|
| 1                                                  | 2                                                                                            | 3                   | 4                                                                                                                                                                                                                                                           | 5  | 6              |
| 1                                                  | Production prospects high-strength aluminum-lithium alloys systems Al-Mg-Li-Zr in Kazakhstan | Printed /Electronic | Presentation Materials of International Practical Conference «Challenges of Science», dedicated to the 75 <sup>th</sup> Anniversary of Prof., Dr. Bagdaulet Kenzhaliyev, 2023 15-16 November Challenges of science Issue VI, Almaty Kazakhstan. P. 553-563. | 11 | M.B. Ismailov, |

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