**Список публикаций в международных рецензируемых изданиях**

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| №  п/п | Название публикации | Тип | Наименование журнала, год публикации, DOI | Импакт-фактор журнала, квартиль и область науки по данным Journal Citation Reports за год публикации | Индекс в базе данных Web of Science Core Collection | CiteScore журнала, процентиль и область науки по данным Scopus за год публикации | Фамилии авторов (подчеркнуть соискателя) | Роль претендента (соавтор, первый автор или автор для корреспонденции) |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| 1 | Preparation and characterization of amphoteric polysaccharides derived from chitosan and gellan gum | статья | Polymers for Advanced Technologies, 35(12), e70033 (2024)  <https://doi.org/10.1002/pat.70033>  <https://www.webofscience.com/wos/woscc/full-record/WOS:001376848400001> | IF=3.1  Q2 (2023)  **Polymer Science** |  | CiteScore 6.2 (2023)  72%  Materials Science (Polymers and Plastics) | Tuleyeva R.N., Tatykhanova G.S., Gizatullina N.N., **Kaldybekov D.B.,** Bardadym Yu.B., Aseyev V.O., Kudaibergenov S.E. | Соавтор |
| 2 | Characterization of biocompatible gellan gum fractions for prolonged retention in ocular drug delivery systems | статья | Polymers for Advanced Technologies, 35(11), e6635 (2024)  <https://doi.org/10.1002/pat.6635>  <https://www.webofscience.com/wos/woscc/full-record/WOS:001368894500001> | IF=3.1  Q2 (2023)  **Polymer Science** |  | CiteScore 6.2 (2023)  72%  Materials Science (Polymers and Plastics) | Tatykhanova G.S., Tuleyeva R.N., Gizatullina N.N., **Kaldybekov D.B.,** Bardadym Yu.B., Aseyev V.O., Kudaibergenov S.E. | Соавтор |
| 3 | PLGA-PEG nanoparticles loaded with Cdc42 inhibitor for colorectal cancer targeted therapy | статья | Pharmaceutics, 16(10), 1301 (2024)  <https://doi.org/10.3390/pharmaceutics16101301>  <https://www.webofscience.com/wos/woscc/full-record/WOS:001341888000001> | IF=4.9  Q1 (2023)  Pharmacology & Pharmacy |  | CiteScore 7.9 (2023)  82%  Pharmacology, Toxicology and Pharmaceutics  (Pharmaceutical Science) | Kadyr S.,  Zhuraliyeva A., Yermekova A., Makhambetova A., Kaldybekov D.B.,  Mun E.A.,  Bulanin D.,  Askarova Sh.N., Umbayev B.A. | Соавтор |
| 4 | Electronic Fourier–Galois Spectrum analyzer for the field GF(31) | статья | Applied Sciences, 14(17), 7770 (2024)  <https://doi.org/10.3390/app14177770>  <https://www.webofscience.com/wos/woscc/full-record/WOS:001311596000001> | IF=2.5  Q2 (2023)  **Chemistry, Multidisciplinary** |  | CiteScore 5.3 (2023)  70%  Chemical Engineering  (Fluid Flow and Transfer Processes)  47%  Chemical Engineering  (Process Chemistry and Technology) | Kadyrzhan K., **Kaldybekov D.,** Baipakbaeva S.; Vitulyova Y., Matrassulova D., Suleimenov I. | Соавтор |
| 5 | Polymer-protected gold nanoparticles for photothermal treatment of Ehrlich adenocarcinoma: In vitro and in vivo studies | статья | Macromolecular Chemistry and Physics, 2400128 (2024)  <https://doi.org/10.1002/macp.202400128>  <https://www.webofscience.com/wos/woscc/full-record/WOS:001221424600001> | IF=2.5  Q3 (2023)  **Polymer Science** |  | CiteScore 4.3 (2023)  50%  Chemistry  (Physical and Theoretical Chemistry)  49%  Chemistry  Organic Chemistry  53%  Materials Science  (Polymers and Plastics)  57%  Materials Science  (Materials Chemistry) | Tatykhanova G.S., Tuleyeva R.N., Nurakhmetova Zh.A., Gizatullina N.N., Krasnoshtanov V.K., **Kaldybekov D.B.,** Aseyev V.O., Khutoryanskiy V.V., Kudaibergenov S.E. | Соавтор |
| 6 | Enhancing mucoadhesive properties of gelatin through chemical modification with unsaturated anhydrides | статья | Biomacromolecules, 25(3), 1612–1628 (2024)  <https://doi.org/10.1021/acs.biomac.3c01183>  <https://www.webofscience.com/wos/woscc/full-record/WOS:001163351100001> | IF=5.5  Q1 (2023)  **Polymer Science** |  | CiteScore 10.6 (2023)  90%  Materials Science  (Polymers and Plastics)  89%  Materials Science  (Materials Chemistry) | Shatabayeva E.O., **Kaldybekov D.B.,** Ulmanova L., Zhaisanbayeva B.A., Mun E.A., Kenessova Z.A., Kudaibergenov S.E., Khutoryanskiy V.V. | Aвтор для корреспонденции |
| 7 | Maleimide-decorated PEGylated mucoadhesive liposomes for ocular drug delivery | статья | Langmuir, 38, 13870-13879 (2022)  <https://doi.org/10.1021/acs.langmuir.2c02086>  <https://www.webofscience.com/wos/woscc/full-record/WOS:000886559200001> | IF=3.9  Q2 (2022)  **Chemistry, Multidisciplinary** |  | CiteScore 7.0 (2022)  82%  Chemistry  (Spectroscopy)  65%  Chemistry  (Electrochemistry) | Moiseev R.V., **Kaldybekov D.B.,** Filippov S.K., Radulescu A., Khutoryanskiy V.V. | Соавтор |
| 8 | Aldehyde-functional thermoresponsive diblock copolymer worm gels exhibit strong mucoadhesion | статья | Chemical Science, 13(23), 6888-6898 (2022)  <https://doi.org/10.1039/D2SC02074B>  <https://www.webofscience.com/wos/woscc/full-record/WOS:000800313700001> | IF=8.4  Q1 (2022)  **Chemistry, Multidisciplinary** |  | CS = 15.2 (2022)  92%  Chemistry  (General Chemistry) | Brotherton E.E.,  Neal T.J.,  **Kaldybekov D.B.,** Smallridge M.J., Khutoryanskiy V.V., Armes S.P. | Соавтор |
| 9 | Polymer architecture effects on poly(N,N-diethyl acrylamide)-b-poly(ethylene glycol)-b-poly(N,N-diethyl acrylamide) thermoreversible gels and their evaluation as a healthcare material | статья | Macromolecular Bioscience, 22(3), 2100432 (2022)  <https://doi.org/10.1002/mabi.202100432>  <https://www.webofscience.com/wos/woscc/full-record/WOS:000729116700001> | IF=4.6  Q1 (2022)  **Polymer Science** |  | CS = 8.4 (2021)  85%  Materials Science  (Polymers and Plastics)  85%  Materials Science  (Materials Chemistry) | Haddow P.J.,  da Silva M.A., **Kaldybekov, D.B.,** Dreiss C.A.,  Hoffman E.,  Hutter V., Khutoryanskiy V.V., Kirton S.B.,  Mahmoudi N., McAuley W.J.,  Cook M.T. | Соавтор |
| 10 | Synthesis and evaluation of methacrylated poly(2-ethyl-2-oxazoline) as a mucoadhesive polymer for nasal drug delivery | статья | ACS Applied Polymer Materials, 3(11), 5882-5892 (2021)  <https://doi.org/10.1021/acsapm.1c01097>  <https://www.webofscience.com/wos/woscc/full-record/WOS:000719860800055> | IF=4.855  Q1 (2021)  **Polymer Science** |  | CiteScore 4.5 (2021)  67%  Materials Science  (Polymers and Plastics)  60%  Chemistry  (Organic Chemistry) | Shan X.,  Aspinall S., **Kaldybekov D.B.,** Buang F.,  Williams A.C., Khutoryanskiy V.V. | Соавтор |
| 11 | Chitosan/poly (2-ethyl-2-oxazoline) films with ciprofloxacin for application in vaginal drug delivery | статья | Materials, 13(7), 1709 (2020)  <http://dx.doi.org/10.3390/ma13071709>  <https://www.webofscience.com/wos/woscc/full-record/WOS:000529875600227> | IF=3.623  Q2 (2020)  **Chemistry, Physical** |  | CiteScore 4.2 (2020)  65%  Materials Science | Abilova G.K., **Kaldybekov D.B.,** Irmukhametova G.S., Kazybayeva D.S., Iskakbayeva Zh.A., Kudaibergenov S.E., Khutoryanskiy V.V. | Соавтор |
| 12 | Gellan gum and its methacrylated derivatives as in situ gelling mucoadhesive formulations of pilocarpine: In vitro and in vivo studies | статья | International Journal of Pharmaceutics, 577, 119093 (2020)  <https://doi.org/10.1016/j.ijpharm.2020.119093>  <https://www.webofscience.com/wos/woscc/full-record/WOS:000519295700027> | IF=5.875  Q1 (2020)  Pharmacology & Pharmacy | WOS:000519295700027 | CiteScore 8.6 (2020)  91%  Pharmacology, Toxicology and Pharmaceutics  (Pharmaceutical Science) | Agibayeva L.E., Kaldybekov D.B., Porfiryeva N.N., Garipova V.R., Mangazbayeva R.A., Moustafine R.I., Semina I.I., Mun G.A., Kudaibergenov S.E., Khutoryanskiy V.V. | Соавтор |
| 13 | Maleimide-functionalised PLGA-PEG nanoparticles as mucoadhesive carriers for intravesical drug delivery | статья | European Journal of Pharmaceutics and Biopharmaceutics, 143, 24-34 (2019)  <https://doi.org/10.1016/j.ejpb.2019.08.007>  <https://www.webofscience.com/wos/woscc/full-record/WOS:000488421000004> | IF=4.604  Q1 (2019)  Pharmacology & Pharmacy |  | CiteScore 8.0 (2019)  93%  Pharmacology, Toxicology and Pharmaceutics  (Pharmaceutical Science) | Kaldybekov D.B., Filippov S.K., Radulescu A., Khutoryanskiy V.V. | Первый автор |
| 14 | Chitosan/poly(2-ethyl-2-oxazoline) films for ocular drug delivery: formulation, miscibility, in vitro and in vivo studies | статья | European Polymer Journal, 116, 311-320 (2019)  <https://doi.org/10.1016/j.eurpolymj.2019.04.016>  <https://www.webofscience.com/wos/woscc/full-record/WOS:000471736700032> | IF= 3.862  Q1 (2019)  **Polymer science** |  | CiteScore 6.1 (2019)  90%  Materials  (Polymers and Plastics)  8%9  Materials Science  (Materials Chemistry)  83%  Chemistry  (Organic Chemistry) | Abilova G.K., **Kaldybekov D.B.,** Ozhmukhametova E.K., Saimova A.Zh., Kazybayeva D.S., Irmukhametova G.S., Khutoryanskiy V.V. | Соавтор |
| 15 | Supramolecular nanocomposite gels from host-guest interactions: complexation between α-cyclodextrin and PEGylated organosilica nanoparticles | статья | Langmuir, 34(36), 10591-10602 (2018)  <https://doi.org/10.1021/acs.langmuir.8b01744>  <https://www.webofscience.com/wos/woscc/full-record/WOS:000444792500015> | IF=3.683  Q2 (2018)  **Chemistry, Multidisciplinary**  Q2 (2018)  **Chemistry, Physical** |  | CiteScore 6.2 (2018)  89%  Chemistry  (Spectroscopy)  83%  Materials Science  (General Materials Science)  80%  Chemistry  (Electrochemistry) | Serres-Gómez M., González-Gaitano G., **Kaldybekov D.B.,** Mansfield E.D.H., Khutoryanskiy V.V., Isasi J.R.,  Dreiss C.A. | Соавтор |
| 16 | Mucoadhesive maleimide-functionalised liposomes for drug delivery to urinary bladder | статья | European Journal of Pharmaceutical Sciences, 111, 83-90 (2018)  <https://doi.org/10.1016/j.ejps.2017.09.039>  <https://www.webofscience.com/wos/woscc/full-record/WOS:000415120300010> | IF=3.532  Q1 (2018)  Pharmacology & Pharmacy |  | CiteScore 5.4 (2018)  83%  Pharmacology, Toxicology and Pharmaceutics  (Pharmaceutical Science) | Kaldybekov D.B., Tonglairoum P., Opanasopit P, Khutoryanskiy V.V. | Первый автор |

**Казахский национальный университет им. аль-Фараби**

**Список научных трудов (КОКСНВО)**

**Калдыбеков Даулет Болатович**

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| № п/п | Название трудов | Наименование издательства, журнала  (№, год), № авт, свид. | Фамилия соавторов работы |
| **Публикации, рекомендованные Комитетом по обеспечению качества в сфере науки и высшего образования Министерства науки и высшего образования Республики Казахстан** | | | |
|  | Development and investigation of mucoadhesive polymers based on chitosan for intravesical therapy | Eurasian Journal of Chemistry, 29, 4(116), 13-21 (2024)  <https://doi.org/10.31489/2959-0663/4-24-2>  <https://ejc.buketov.edu.kz/index.php/ejc/article/view/200> | Shatabayeva E.O., Polatkhan A.A., Tuleyeva R.N, Irmukhametova G.S., Khutoryanskiy V.V. |
|  | Analysis of phase transitions of thermoresponsive polymer based on N-vinylcaprolactam and 2-hydroxyethyl acrylate in solutions from the information theory point of view | Eurasian Chemico-Technological Journal, 26(2), 67–73 (2024)  <https://doi.org/10.18321/ectj1609>  <https://ect-journal.kz/index.php/ectj/article/view/1609> | Suleimenov I.E., Baipakbayeva S.T.,  Mun G.A.,  Yermukhambetova B.B.,  Bakirov A.S. |
|  | Hydrophilic interpolymer associates – the key to solving the problem of pre-biological evolution | International Journal of Biology and Chemistry, 13(1), 4-13 (2020)  <https://doi.org/10.26577/ijbch.2020.v13.i1.01>  <https://ijbch.kaznu.kz/index.php/kaznu/article/view/436> | Mun G.A.,  Moldakhan I.,  Serikbay A.M., Suleimenov I.E.,  Park K. |
|  | Жүгері крахмалы негізінде биоыдырайтын үлдірлер технологиясын жасау (KAZ)  The creation of the technology of biodegradable films based on cornstarch (ENG) | ҚазҰУ хабаршысы. Химия сериясы, 86(3), 14-19 (2017)  <http://doi.org/10.15328/cb964>  <https://bulletin.chemistry.kz/index.php/kaznu/article/view/964> | Уркімбаева П.И., Есмұратов А.А., Рахметуллаева Р.К., Бақытжанұлы Б. |
| **Учебные пособия** | | | |
|  | Полимерлі материалдардың сапасын бақылаудың зертханалық жұмыстары | Оқу-әдістемелік құралы. – Алматы: Қазақ университетi, 2017, 85 б.  ISBN 978-601-04-2242-1 | Тоқтабаева Ә.Қ., Тұмабаева А.М., |
| **Патенты** | | | |
|  | Евразийский патент на изобретение.  ВИСКОЗИМЕТР | № 047537. 202393042. Дата выдачи 02.08.2024 г. | Мун Григорий Алексеевич,  Кабдушев Шернияз Булатулы,  Байпакбаева Салтанат Туркестанкызы, Калдыбеков Даулет Болатович,  Ермухамбетова Баяна Бисеналиевна, Сулейменов Ибрагим Эсенович (KZ) |
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|  | Патент РК на изобретение. Способ измерения скорости/частоты вращения объекта. | №36377. 2022/0428.1 Дата выдачи 22.09.2023 г. | Сулейменов Ибрагим Эсенович (KZ), Матрасулова Динара Кутлимуратовна (KZ), Кабдушев Шернияз Булатулы (KZ), Байпакбаева Салтанат Туркестанкызы (KZ), Калдыбеков Даулет Болатович (KZ), Қадыржан Қайсарәлі Нұрланұлы (KZ)  Мун Григорий Алексеевич (KZ) |