**Академик Е.А. Бөкетов атындағы ҚарУ-дың**

**Физикалық және аналитикалық химия кафедрасының қауымдастырылған профессоры, PhD докторы**

**Сарсенбекова Акмарал Жакановнаның**

**ғылыми және ғылыми – әдістемелік еңбектерінің**

**ТIЗIМI**

**СПИСОК**

**научных и научно-методических трудов**

**ассоциированного професора кафедры физической и аналитической химии**

**КарУ имени академика Е.А. Букетова, доктора PhD**

**Сарсенбековой Акмарал Жакановны**

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| Р/с№ / №п/п | Атауы / Название | Баспа немесе қолжазба құқында / Печатный или на правах рукописи | Баспа, журнал (атауы, №, жылы, беттерi),Авторлық куәліктің, патенттің№ / Издательство, журнал (название, год,№ страницы), № авторского свидетельства, патента | Баспа табақтар / Количество печатных листов | Қосалқы авторлардың аты-жөні / Ф.И.О. соавторов |
| **1.** **Монографиялар, оқулықтар мен оқу құралдары:****1.** **Монографии, учебники и учебные пособия:** |
| 1 | Применение расчетных методов для эффективного исследования процессов термического разложения сополимеров на основе полипропиленгликольфумаратфталата | монография/печатный | − Караганда: Издательство Карагандинского университета имени академика Е.А. Букетова, 2023. – 124 c.ISBN 978-601-362-179-1 | 7,75 | − |

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| Физикалық және аналитикалық химия кафедрасының меңгерушiсiЗав. Кафедрой физической и аналитической химии |  | С.Н. Никольский |
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| **2. CLARIVATE ANALYTICS, SCOPUS ДҚ бойынша индекстелетін нөлдік емес импакт-факторы бар ғылыми журналдарда (CLARIVATE ANALYTICS, SCOPUS ДҚ бойынша автордың жарияланымдар тізімі қоса беріледі)****2. В научных журналах с ненулевым импакт-факторам индексируемых по БД CLARIVATE ANALYTICS, SCOPUS (список публикаций автора по БД CLARIVATE ANALYTICS, SCOPUS прилагается)** |
| 1 | [Thermal decomposition of β-cyclodextrin and its inclusion complex with vitamin E](https://www.sciencedirect.com/science/article/pii/S0959943621000237) | статья/печатный | [Mendeleev Communications](https://www.sciencedirect.com/science/journal/09599436) – 2021. – Vol. 31 – №1. – P.76-78.<https://doi.org/>10.1016/j.mencom.2021.01.023 | 0,1/0,1 | Burkeev M.Zh., Fazylov S.D., Bakirova R Iskineyeva A. et al., |
| 2 | [Comparative analysis of the thermal decomposition kinetics of 13-cyclodextrin inclusion complexes with anabasine at different heating rates](https://www.webofscience.com/wos/woscc/full-record/WOS%3A000892210700036) | статья/печатный | [Mendeleev Communications](https://www.sciencedirect.com/science/journal/09599436) – 2022. – Vol. 32 – №6. – P.816-819.<https://doi.org/>10.1016/j.mencom.2022.11.036 | 0,2/0,1 | [Muldakhmetov Z](https://www.webofscience.com/wos/author/record/37279734).M.[Fazylov S](https://www.webofscience.com/wos/author/record/1541357).D.[Nurkenov O](https://www.webofscience.com/wos/author/record/26076176).A.[Burkeev M](https://www.webofscience.com/wos/author/record/42208258).Zh. et al. |
| 3 | Influence of RAFT Agent on the Mechanism of Copolymerization of Polypropylene Glycol Maleinate with Acrylic Acid | статья/печатный | Polymers – 2022.– Vol. 14 – № 9*.* – P. 1884*.* <https://doi.org/>10.3390/polym14091884 | 0,6/0,1 | Burkeev M.Zh., Zhunissova M.S.,Tazhbayev Y.M.,Fomin V.N. |
| 4 | [Combined Computational and Experimental Studies of Anabasine Encapsulation by Beta-Cyclodextrin](https://www.webofscience.com/wos/woscc/full-record/WOS%3A000851805900001) | статья/печатный | PLANTS-BASEL – 2022.– Vol. 11 – № 17*.* – P. 2283.<https://doi.org/>10.3390/plants11172283 | 1,1/0,1 | [Muldakhmetov Z](https://www.webofscience.com/wos/author/record/37279734).M.[Fazylov S](https://www.webofscience.com/wos/author/record/1541357).D.[Nurkenov O](https://www.webofscience.com/wos/author/record/26076176).A.[Gazaliev A](https://www.webofscience.com/wos/author/record/33277107).M. et al. |
| 5 | [Combined In Silico and Experimental Investigations of Resveratrol Encapsulation by Beta-Cyclodextrin](https://www.webofscience.com/wos/woscc/full-record/WOS%3A000824186600001) | статья/печатный | PLANTS-BASEL – 2022.– Vol. 11 – № 13*.* – P. 1678.<https://doi.org/>10.3390/plants11131678 | 1,1/0,1 | [Iskineyeva A](https://www.webofscience.com/wos/author/record/8942733).[Fazylov S](https://www.webofscience.com/wos/author/record/1541357).D.[Bakirova R](https://www.webofscience.com/wos/author/record/32313167).Ye. [Pustolaikina I](https://www.webofscience.com/wos/author/record/795251).A. et al. |

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| Ғалым хатшы Ученый секретарь |  | Н.Е. Тутинова |

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| **3. ҚР ҒЖБМ ҒжЖБССҚК ұсынған басылымдар тізімінде****3. В списках изданий, рекомендованных КОКСНВО РК** |
| 1 | Processing of hydrogel isotermic data on the base of polymethyl vinyl ether of maleic acid cross linked with polypropylene glycol under thermogravimetric data. Comparative kinetic analysis by NPK method | статья/печатный | Bulletin of the University of Karaganda – Chemistry. – 2017. – №3(87). – P.74-80.<http://rep.ksu.kz/handle/data/2727> | 0,4/0,1 | Khalitova A.I.,Shakhabayeva A.A. |
| 2 | Synthesis and characteristics of metal-polymer complexes p-EGM/AA-Ni0-Co0, p-PGM/AA-Ni0-Co0 | статья/печатный | Bulletin of University of Karaganda. –Chemistry. – 2018. – №4(92). – P.8-15.<https://doi.org/>[10.18384/2310-7219-2018-2-8-15](https://doi.org/10.18384/2310-7219-2018-2-8-15) | 0,4/0,1 | Burkeyev M.Zh., Khamitova T.O., Havlichek D., Tazhbayev Ye.M. et al. |
| 3 | Comparative analysis of thermal decomposition kinetics of carbon dioxide extract from Scabiosa ochroleuca and Scabiosa isetensis at different heating rates | статья/печатный | Bulletin of University of Karaganda. –Chemistry. – 2018. – №3(91). – P.92-98.<https://doi.org/>[10.31489/2018CH3/92-98](https://doi.org/10.31489/2018CH3/92-98) | 0,4/0,1 | Zhunusova M.A., Abdullabekova R.M., Figurinene I.V. |
| 4 | Constants and parameters of radical copolymerization of poly(propylene glycol)fumarate with acrylic acid | статья/печатный | Bulletin of the University of Karaganda – Chemistry. – 2019. – №.1(93). – P.25-31.<https://doi.org/>10.31489/2019Ch1/25-31 | 0,4/0,1 | Burkeev M.Zh., Kudaibergen G.K., Tazhbayev Ye.M., Burkeyeva G.K. et al. |
| 5 | Synthesis and investigation of copolymer properties on the basis of polyethyleneglycolfumarate and methacrylic acid | статья/печатный | Bulletin of the University of Karaganda – Chemistry – 2019. – №1(93). – P.32-38.<https://doi.org/>10.31489/2019Ch1/32-38 | 0,4/0,1 | Burkeev M.Z., Kudaibergen G.K.; Tazhbayev Y.M., Hranicek J. et al. et al. |
| 6 | Study of acid properties of new polymeric complexes of maleic acid polymethylvinyl ether cross-linked by polypropylene glycol | статья/печатный | Bulletin of the University of Karaganda – Chemistry. – 2020. – №1(97). – P.75-82.<https://doi.org/>[10.31489/2020CH1/75-82](https://doi.org/10.31489/2020CH1/75-82) | 0,5/0,1 | Khalitova A.I, Klimova T.E., Khamitova T.O., Kudaibergen G.K. et al. |

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| **3. ҚР ҒЖБМ ҒжЖБССҚК ұсынған басылымдар тізімінде****3. В списках изданий, рекомендованных КОКСНВО РК** |
| 7 | [The use of differential calculation methods for the destruction of copolymers of polyethylene glycol fumarate with the acrylic acid](https://www.webofscience.com/wos/woscc/full-record/WOS%3A000604535800001) | статья/печатный | Bulletin of the University of Karaganda – Chemistry – 2020. – №3(99). – P. 4-10.<https://doi.org/>10.31489/2020Ch3/4-10 | 0,4/0,1 | [Burkeev M.Z](https://www.webofscience.com/wos/author/record/964929).[Bolatbay A.N](https://www.webofscience.com/wos/author/record/2429565).[Tazhbaev E.M](https://www.webofscience.com/wos/author/record/463582).[Davrenbekov S.Z](https://www.webofscience.com/wos/author/record/2202674). et al. |
| 8 | Preparation of encapsulated α-tocopherol acetate and study of its physico-chemical and biological properties | статья/печатный | Bulletin of the University of Karaganda – Chemistry – 2021. – №103(3). – P. 27-36.<https://doi.org/>**10.31489/2021CH3/27-36** | 0,6/0,1 | Iskineyeva A., Mustafayeva A., Zamaratskaya G., Fazylov S.D. et al. |
| 9 | [Study of thermal stability and determination of effective activation energy values during degradation of unsaturated polyester copolymers in the air atmosphere](https://publons.com/publon/51980829/) | статья/печатный | Bulletin of the University of Karaganda – Chemistry – 2022. – №105(1). – P. 86-91.[<https://doi.org/>[10.31489/2022CH1/86-91](https://doi.org/10.31489/2022CH1/86-91)](https://doi.org/10.31489/2021CH3/27-36) | 0,3/0,1 | Burkeev M.Zh., Bolatbay A.N.,Morgun V.V., Havlicek D. et al. |
| 10 | [Influence of the RAFT Agent on the Reaction Direction of the Copolymerization of Polypropylene Glycol Maleate with Acrylic Acid](https://www.webofscience.com/wos/woscc/full-record/WOS%3A000849737600001) | статья/печатный | Bulletin of the University of Karaganda – Chemistry – 2022. – №107(3). – P. 189-197.<https://doi.org/>10.31489/2022Ch3/3-22-10 | 0,5/0,1 | [Kazhmuratova A.T](https://www.webofscience.com/wos/author/record/2151145).[Zhunissova, M.S](https://www.webofscience.com/wos/author/record/18379799).[Plocek J](https://www.webofscience.com/wos/author/record/1921880).[Fomin V.N](https://www.webofscience.com/wos/author/record/873666). et al. |
| 11 | The Effect of Liquid Active Media on the Character of Equilibrium Swelling of Copolymers Based on Polypropylene Fumarate Phthalate with Acrylic Acid | статья/печатный | EURASIAN JOURNAL OF CHEMISTRY – 2023. – Vol. 109 – №109(1). – P. 51-58.[<https://doi.org/>](https://doi.org/10.31489/2021CH3/27-36)10.31489/2959-0663/1-23-12 | 0,4/0,1 | [Burkeev M](https://www.webofscience.com/wos/author/record/42208258).Zh.[Zhumanazarova G.M](https://www.webofscience.com/wos/author/record/31409754).[Kudaibergen G.K](https://www.webofscience.com/wos/author/record/44620006).Nasikhatuly E. et al. |
| 12 | Термическое разложение комплексов включения ретинола ацетата с β-циклодекстринaми | статья/печатный | Известия НАН РК – Серия химии и технологии – 2023. –Т. 1– №454. – С 168–182.  [<https://doi.org/>](https://doi.org/10.31489/2021CH3/27-36)10.32014/2023.2518-1491.156 | 0,9/0,1 | Фазылов С.Д., О. Нүркенов О.А.,Искинеева А.,Мендібаева А. |
| Iзденушi Соискатель: |  | А.Ж. Сарсенбекова |
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| **1** | 2 | **3** | 4 | **5** | **6** |
| **4. Авторлық куәліктер, патенттер****4. Авторские свидетельства, патенты** |
| 1 | ThermoGrav Activation Energy | Программа для ЭВМ | Свидетельство о внесении сведений в государственный реестр прав на объекты, охраняемые авторским правом №40925, 01.12.2023 |  | Болатбай А.Н., Фомин В.Н. |
| Iзденушi Соискатель: |  | А.Ж. Сарсенбекова |
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