

**MINISTRY OF SCIENCE AND HIGHER EDUCATION OF THE REPUBLIC OF KAZAKHSTAN
KAZAKH NATIONAL RESEARCH TECHNICAL UNIVERSITY NAMED AFTER K.I.SATPAYEV**

Maryamkul Zhursumbaeva

**List of scientific articles published in international peer-reviewed scientific journals
included in the Scopus and Web of Science databases**

Author identifiers:

Scopus Author ID: [6507696023](#)

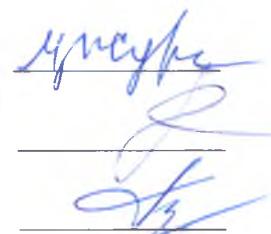
Web of Science Researcher ID: [O-2254-2017](#)

ORCID: <https://orcid.org/0000-0001-9083-5754>

| No p/n | Publication title | Publica- tion type | Journal name, year of publication, DOI | Journal impact factor, quartile and field of study according to Journal Citation Reports for the year of publication | Index in the Web of Science Core Collect ion databas e | Journal CiteScore, percentile and area of science according to Scopus for the year of publication | Full name of the authors (underline the applicant) | Author's role |
|-----------|---|--------------------------|---|---|--|--|--|------------------|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| 1 | The new effective floccu- lants - Copolymers of N, N- dimethyl-N, N-diallyl- ammonium chloride and N, N-dimethylacrylamide. | Article | Colloids and Surfaces A: Physicochemical and Engineering Aspects. 2015. Vol. 480. P. 228-235. https://doi.org/10.1016/j.colsurfa.2015.04.025 | Impact Factor: 2.760. Chemistry, physical – Q2 | SCIE | CiteScore 4.4. Colloid and Surface Chemistry – 57% percentile | Kaldibek Zh. Abdiyev., Zhexenbek Toktarbay., Akbota Zh. Zhenissova., <u>Mariamkul B.</u> <u>Zhursumbaeva</u> Raya N. Kainazarova., Nurxat Nuraje | Co-author |

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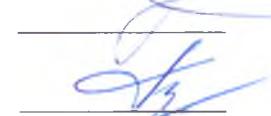
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| | | | | | | | | |
|---|---|---------|--|---|------|--|---|-----------|
| 2 | Copolymerization of N, N-dimethyl-N, N-diallylammonium chloride with N, N-dimethyl-acrylamide | Article | Polymer Science. Series B. 2015, vol.57, No 3, pp. 217-223. https://doi.org/10.1134/S156009041503001X | Impact Factor: IF=0.808. Quartile - Q4. | SCIE | Cite Score 1.1 Percentile 43% Polymers and Plastics | K.Zh.Abdiyev., Zh.Toktarbay., A.Zh. Zhenissova., <u>Mariamkul B. Zhursumbaeva</u> R.N.Kainazarova. | Co-author |
| 3 | Radical Polymerization and Kinetics of N, N-diallyl-N, N-dimethylammonium Chloride and Vinyl Ether of Monoethanolamine | Article | Fibers and Polymers. 2018. V. 19. Issue 10. P. 2023–2029. https://doi.org/10.1007/s12221-018-6947-3 | Impact Factor: 1.439. Quartile – Q3 Polymer Science | SCIE | CiteScore 2.5. Percentile 60% General Chemical Engineering | Yerbol Dauletov., Kaldybek Abdiyev., Zhexenbek Toktarbay., Nurxat Nuraje., Bagdaulet Kenzhaliyev., <u>Mariamkul B. Zhursumbaeva</u> | Co-author |
| 4 | Copolymers of Diallyldimethylammonium Chloride and Vinyl Ether of Monoethanolamine: synthesis, flocculating and antimicrobial properties. | Article | Journal of Surfactants and Detergents. Sep 2019. Vol. 22. I 5. P. 1129–1137. https://doi.org/10.1002/jsde.12283 | Impact Factor: 1.654. Engineering, chemical – Quartile – Q3 | SCIE | CiteScore 3.3. General Chemical Engineering – 67% percentile | Yerbol Dauletov., Nurxat Nuraje., Kaldibek Abdiyev Zhexenbek Toktarbay., <u>Maryamgul Zhursumbaeva</u> | Co-author |
| 5 | Flocculating properties of 2-acrylamido-2-methyl-1-propane sulfonic acid- co-allylamine polyampholytic copolymers | Article | Polymer bulletin. 2022. Vol.79. Issue 1. https://doi.org/10.1007/s.00289-021-03994-1 | Impact Factor: 3.2. Polymer science – Q2 | SCIE | CiteScore 5.4. Polymers and Plastics – 69%; | K. Zh. Abdiyev, Milan Maric, B. Ye. Orynbayev, Zh. Toktarbay, <u>M. B. Zhursumbaeva</u> N.Zh. Seitkaliyeva | Co-author |
| 6 | Kinetic Analysis of Methane Hydrate Formation with Butterfly Turbine Impellers | Article | Molecules 2022, 27, 4388. https://doi.org/10.3390/molecules27144388 | Impact Factor: 4.6. Chemistry, Quartile – Q2 | SCIE | CiteScore 6.7. Chemistry, Percentile 78% | Sotirios Nik. Longinos, Dionisia Dimitra Longinou, Nurbala Myrzakhmetova, Nazgul | Co-author |

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| | | | | | | | |
|---|---|---------|--|---|------|---|---|
| | | | | | | Akimbayeva, <u>Mariamkul Zhursumbaeva</u> , Kaldibek Abdiyev , Zhixenbek Toktarbay and Mahmut Parlaktuna | |
| 7 | Structure formation in suspensions and biocidal properties of copolymer of 2-acryl-amido-2-methylpropanesulfonic acid and allylamine. | Article | Materials Today: Proceedings. 2022. https://doi.org/10.1016/j.matpr.2022.06.050 | IF 1.46. SJR 0.341. | - | CiteScore 2.3. General Materials Science – 42% percentile | K.Zh. Abdiyev, Zh. Toktarbay, B.Ye. Orynbayev, M.B. <u>Zhursumbaeva</u> , N. Zh. Seitkaliyeva, U. Nakan. |
| 8 | A Novel Cationic Polymer Surfactant for Regulation of the Rheological and Biocidal Properties of the Water-Based Drilling Muds | Article | Polymers 2023. V. 15. Issue 2. P. 330; https://doi.org/10.3390/polym15020330 | Impact Factor: 5.0. Polymer science – Q1 (2022) | SCIE | Percentile 76% Chemistry | Abdiyev, K., Marić, M., Orynbayev, B., <u>Zhursumbaeva</u> , M., Seitkaliyeva, N., Toktarbay, Z. |

Maryamkul Zhursumbaeva 's list of Scientific papers

| № p/n | Title | Publica-tion type | Output date | Numbe-r of pages | Co-authors |
|--------------|--|--------------------------|--|-------------------------|--|
| 1 | 2 | 3 | 4 | 5 | 6 |
| 9 | Surface properties of polyelectrolyte complex polymethacrylic acid –poly-N, N'-dimethyl-N, N'-diallylammonium chloride in aqueous-salt media | Printed | V-Interd. Beremzhanovsky Congress on Chemistry. December 7-9, 2006 Bulletin of KazNU, 2007, No. 1(45). Chemical series, pp. 416-423. | 8 | K.Zh. Abdiyev, S.Kh. Khussain, K.B. Musabekov, E.M. Shaikhutdinov. |

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| | | | | | |
|----|--|---------|--|---|---|
| 10 | Monolayers of polyacid-polyvinylpyrrolidone polycomplexes on an aqueous substrate. | Printed | Herald of the Kazakh-British technical university. 2009. № 4(11). P. 25-29. ISSN 1998-6688 (Print); ISSN 2959-8109 (Online) | 5 | K.Zh. Abdiyev, E.M. Shaikhutdinov. |
| 11 | Copolymers based on 2-acrylamido-2-methylpropane-sulfonic acid and vinyl butyl ether. | Printed | Herald of the Kazakh-British technical university. 2012. № 4 (23). P. 35-45. ISSN 1998-6688 (Print); ISSN 2959-8109 (Online) | 8 | E.M. Shaikhutdinov, K.Zh. Abdiyev, A.Zh. Zhenissova. |
| 12 | Flocculating and biocidal properties of copolymer n,n-dimethyl-n,n-diallylammonium chloride with dimethylaminopropyl methacrylamide. | Printed | Chemical Journal of Kazakhstan Volume 2, Number 82(2023) | | K.Zh. Abdiyev, B.Ye. Orynbayev, N. Zh. Seitkaliyeva |
| 13 | Synthesis and flocculating properties of the Copolymer of N,N-dimethyl-N,N-diallylammonium chloride and vinyl ether of monoethanolamine. | Printed | Herald of the Kazakh-British technical university. 2017. № 2,3 (41-42). P. 40-47. ISSN 1998-6688 (Print); ISSN 2959-8109 (Online) | 8 | Dauletov Ye., Toktarbay Zh., Nurxat Nuraje, |

Patents

| | | | | | |
|----|---|---------|---|---|--|
| 14 | Copolymer N,N-dimethyl-N,N-diallylammonium chloride with dimethylacrylamide and its preparation method. | Printed | Innovation Patent of RK № 27160. Published 15.07.2013. Bulletin № 7. | 3 | Abdiyev K.Zh. Kainazarova R.N. Zhenissova A.Zh. Toktarbay Zh. |
| 15 | Method of preparation of copolymer 2-acrylamido-2-methylpropanesulfonate sodium with dimethylacrylamid. | Printed | Innovation Patent of RK № 27161 for an Invention. Published 15.07.2013. Bulletin № 7. | 3 | Utelbayev B.T. Abdiyev K.Zh. Kainazarova R.N. Zhenissova A.Zh. Toktarbay Zh. |
| 16 | Copolymer N-[(3-dimethylamino)propyl]-methacryl-amide with N,N-dimethyl-N,N-diallylammonium chloride. | Printed | Patent of RK № 34204. Application № 2018/0614.1. Application date: 05.09.2018. | 3 | Abdiyev, K., Orynbayev, B., Seitkaliyeva, N., Toktarbay, Z. |

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|---|--|---------|--|---|--|
| | | | | | |
| 17 | Flocculant based on N,N-dimethyl-N,N-diallylammo-nium chloride. | Printed | Patent of RK № 31988. Application date: 08.10.2015. Date of Issue 08.10. 2015. Bulletin № 7, 14.04.2017. | 3 | Beisembetov I.K. Kenzhaliev B.K. Toktarbay Zh. Dauletov Ye.A. |
| Articles published in other scientific journals and publications | | | | | |
| 18 | Surface properties of poly acid-polyacrylamide complexes. II. Adsorption of polycomplexes at the solution-air interface. | Printed | News of Higher educational institutions. Chemistry and chemical technology. 2006. Vol. 49. Issue 7. pp.66-68. Vol. 49. Issue 7. pp.66-68. | 3 | K.Zh. Abdiyev, E.M. Shaikhutdinov, S.Kh. Khussain. |
| 19 | The new effective Flocculants - Copolymers of N,N-dimethyl-N,N-diallylammonium Chloride and N,N-dimethylacrylamide. | Printed | Book of Abstracts of 20 th International Symposium on Surfactants in Solution. 22-27 June, 2014. Coimbra. Portugal. P. 359. | 1 | Abdiyev. K.Zh. Zhenissova A.Zh. Toktarbay Zh. Kainazarova R.N. |
| 20 | The new polymeric flocculants for water treatment. | Printed | 2 nd International Conference and Exhibition on Polymer Chemistry. November 15-17, 2017. San Antonio, USA. J. Material Sci. Eng. 2017, 6:7 (Suppl) DOI: 10.4172/2169-0022-C1-086. An open access journal. Vol. 6, Issue 9 (Suppl). P. 50. | 1 | Yerbol Dauletov, Kaldibek Abdiyev , Nurxat Nuraje, Zhexenbek Toktarbay, |

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