Фамилия, имя, отчество:

Мукажанова Жазира Бигалиевна

Должность (кафедра):

Ассоциированный профессор кафедры химии

Сведения об образовании:

Учитель химии и биологии 1984-1989гг.

6М011200 Химия 2010 – 2012 гг.

6D060600-Химия 2018-2021 гг.

Академическая степень:

Магистр Естественных наук

Доктор философии (PhD)

Учёное звание:

-

Педагогический стаж:

35

Преподаваемые дисциплины:

Аналитическая химия

Качественный анализ

Количественный анализ

Качественный и количественный анализ

Химия растворов

Методы научных исследовании

Химия природных соединении

Научные интересы:

Химия природных соединений

Публикации и статьи:

WoS и Scopus:

1) Resveratrol- Based Nanoformulaions as an Emtrging therapeuticstrategy for Cancer
Frontiers in Molecular Biosciencts, Q2,
01 September 2021, | Volume 8 | Article 649395
Doi:10.3389|fmolb.2021.649395
2) Evaluation of the Capparis Herbacea Willd's Chemistry, Antioxidant and Cytotoxic Activity, Anti-Inflammatory and Anti-Allergy Agents in Medicinal Chemistry 2023;22(4): 261-272.
Scopus **37%**
Doi:10.3389|fmolb.2021.649395
3) New insights into the anticancer therapeutic potential of icaritin and its synthetic derivatives, **Q2**, Drug Development Research
First published: 03 April 2024, 85(2): e22175.
https://doi.org/10.1002/ddr.22175
4) Phytochemical Profiling, Antioxidant and Antimicrobial Potentials of Ethanol and Ethyl Acetate Extracts of Chamaenerion latifolium L., **Q2**, Pharmaceuticals, 2024, Jul 27 17(8), 996
DOI: 10.3390/ph17080996
5) Substantiation of optimal parameters of rapeseed cake extrusion process
Caspian Journal of Environmental Sciences, 2024, Том 22 (3), страницы 715–725
ISSN: 1735-3033 E-ISSN: 1735-3866
DOI: 10.22124/CJES.2024.7917
6) Cellulose-Based Sorbents: A Comprehensive Review of Current Advances in Water Remediation and Future Prospects, **Q2**, Molecules, 2024, 29, 5969. https://www.mdpi.com/journal/molecules
DOI:https://doi.org/10.3390/molecules292459691
7) Applications and Advantages of Cellulose–Chitosan Biocomposites: Sustainable Alternatives for Reducing Plastic Dependency**, Q1**, Polymers, 2025, 17 (1), 23, 2093 КБ
DOI:https://doi.org/10.3390/polym17010023
8) Studying the wound healing property of biologically and chemically synthesized gold nanoparticles through scratch assay and neural network modeling**, Q1**, Advanced Composites and Hybrid Materials
8, 121 (2025).
DOI:https://doi.org/10.1007/s42114-024-01133-9
9) Hydrogel Delivery Systems for Biological Active Substances: Properties and the Role of HPMC as a Carrier, **Q2,** Molecules, 2025-03
https://www.mdpi.com/journal/molecules
DOI:https://doi.org/10.3390/molecules30061354
Journal Rank: JCR - **Q2** (Chemistry,Multidisciplinary)/ CiteScore - **Q1** (Chemistry (miscellaneous))

Монография

1) Табиғи полифенолды қосылыстар химиясы, Монография. – г. Өскемен: Изд-во «Берел», 2022 год. – 102 с. ISBN 978-601-314-632-4, 6,38

КОКСНВО:

1) Химияны оқыту процесінде жүйелік-құрылымдық тәсілді іске асыру үшін қашықтықтан оқыту құралдарының кешенін жасау ВЕСТНИК Евразийского национального университета имени Л.Н. Гумилева. Серия Педагогика. Психология. Социология BULLETIN of L.N. Gumilyov Eurasian National University. Pedagogy. Psychology. Sociology Seri No 4(137)/2021, С. 265
DOI:https://doi org/10.32523/2616-6895-2021-137-4-265-2740
Манапова С.С., Шаихова Б.К., Мукажанова Ж.Б., Шайхеслямова К.О.

2) **.** Comparative acidic combination analysis of selected asteraceae family species Reports of the national academy of sciences of the republic of Kazakhstan ISSN 2224-5227 volume 3. Number 347 (2023), 181–190 doi:https://doi.org/10.32014/2023.2518-1483.235 N.
N. Sagdollina, M. Ibrayeva, Zh. Mukazhanova, M. Ozturk
3) Анализ продуктов металлургического производства на содержание сурьмы Вестник университета Шакарима. Технические науки. Химическая технология. № 4(12) 2023, с.176-184
doi: 10.53360/2788-7995-2023-4(12)-22
Р.А. Аубакирова, Ж.Б. Мукажанова, К.К.Кабдулкаримова, И.В. Афанасенкова, Ш.К. Саньязова
4) Isolation of flavonoids by high-performance liquid chromatography from plant of genus thymus serpyllum News of the national academy of sciences of the republic of Kazakhstan series chemistry and technology ISSN 2224–5286 volume 4. Number 457 (2023), 116–123
doi:https://doi.org/10.32014/2023.2518-1491.197
Ibrayeva, Mukazhanova, Duzbayeva, Kabdysalym, Adhikari
5) Component composition and biological activity of essential oil of hyssopus cuspidatus plants
Reports of the national academy of sciences of the republic of Kazakhstan ISSN 2224-5227 volume 4. Number 348 (2023), 169–178 doi:https://doi.org/10.32014/2023.2518-1483.251
N. Duzbayeva, M. Ibrayeva, K. Kabdysalym, Zh. Mukazhanova, A. Adhikari
6) Partial oxidation of a propane-butane mixture on catalysts supported on a natural support
News of the national academy of sciences of the republic of Kazakhstan series chemistry and technology ISSN 2224–5286 volume 1. Number 458 (2024), 94–105
Doi:https://doi.org/10.32014/2024.2518-1491.210
B.K. Massalimova*,A.S. Darmenbayeva,S.A. Tungatarova, V.A. Sadykov
7) **10.**Алюминий негізіндегі композиттік материалдарды синтездеу және олардың қасиеттерін зерттеу Механика және технологиялар. Химиялық технологиялар / Ғылыми журнал. – 2024. – №3(85). – Б.367-374. Doi:https://doi.org/10.55956/RNZL3070
А.С. Дарменбаева, Б.К. Масалимова, Ж.Б. Мукажанова
8) Production and study of properties of biological coatings based on cellulose obtained from barley and flax stems News of the national academy of sciences of the republic of Kazakhstan series chemistry and technology ISSN 2224–5286 Volume 1. Number 462 (2025), 43–56
https://doi.org/10.32014/2025.2518-1491.265
G.M. Zhusipnazarova, R. Reshmy, A.S. Darmenbayeva*, Zh.B. Mukazhanova, G.B. Aubakirova
9) Isolation of iridoids from verbascum marschallianum
News of the national academy of sciences of the republic of kazakhstan series chemistry and technology ISSN 2224–5286 Volume 1. Number 462 (2025), 57-67 https://doi.org/10.32014/2025.2518-1491.266
M. Ibrayeva, E. Sagindykova, Zh. Mukazhanova
10) Development and study of catalysts for dehydrogenation of saturated hydrocarbons to olefins., News of the national academy of sciences of the republic of kazakhstan series chemistry and technology ISSN 2224–5286 Volume 1. Number 462 (2025), 104-120 https://doi.org/10.32014/2025.2518-1491.2701
B.K.Massalimova, A.S. Darmenbayeva, Zh. Mukazhanova, K.A.Shorayeva, N.V.Ostafeychuk
11) Optimization of flavonoid extraction conditions from a plant of the genus symphyotrichum novi-belgii». Academic jornal of physical and chemical sciences, Almaty 6 Naz RK, № 3 2025. 218 -227. https://doi.org/10.32014/2025.2518-1483.375
M. Ibrayeva, N. Sagdollina, Zh. Mukazhanova, Sanyazova S., M. Ozturk

Патент (на полезную модель):

1) «Способ получения экстракта с антиоксидантной активностью» **Патент на полезную модель № 7630** от 02.12.2022, бюлл**. №2022/0898.2** заявка от 17.10.2022 Қазақстан Республикасы Әділет министрлігінің «Ұлттық зияткерлік меншік институты» РМК 2022г

2) Патент (на полезную модель) **№9231 от 07.06.2024, бюлл. №2024/0502.2** Заявка от.09.04.2024 Қазақстан Республикасы Білім және ғылым министрлігінің «Сәрсен Аманжолов атындағы ШҚМУ» «Ұлттық зияткерлік меншік институты» РМК 2024г
3) «Способ получения средства, обладающего антимикробным действием».
Патент (на полезную модель) №10659 от 30.05.2025, бюлл. №2025/0695.2 Заявка от.28.03.2024_на тему: «Микробтарға қарсы әсерге ие затты алу тәсілі. Способ получения средства, обладающего антимикробным действием»; Қазақстан Республикасы Білім және ғылым министрлігінің «Сәрсен Аманжолов атындағы ШҚМУ» «Ұлттық зияткерлік меншік институты» РМК 2025 г.