

MINISTRY OF SCIENCE AND HIGHER EDUCATION OF THE REPUBLIC OF KAZAKHSTAN
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List of scientific papers in international peer reviewed
scientific journals, included in Scopus and Web of Science databases
Zhanar O. Zhumadilova

Author identifiers:

Scopus Author ID: 36054227400

Web of Science Researcher ID: AAG-7788-2019

ORCID: 0000-0001-9487-2018

No.	Publication title	Publication type	Journal name, year of publication, DOI	Journal Impact Factor, Quartile and Field of Science according to Journal Citation Reports for year of publication	Index in the Web of Science Core Collection	Journal CiteScore, percentile and field of science according to Scopus for year of publication	NAME of the authors (co-applicant to underline)	The applicant's role
1	Protective Properties of Thermal-Insulation Coatings under Conditions of Long-Term Exposure to Natural Climatic Factors	Article	Coatings, 2022, 12 (12), №1925. doi.org/10.3390/coatings12121925	IF=3.236 (2021) Materials Science, Coatings & Films – Q2	SCIE	CiteScore 4.7, Materials Science – 62% percentile	Zhanar O. Zhumadilova* Ruslan E. Nurlybayev, Yelzhan S. Orynbekov,	First author and correspondence author

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							Aidos A. Joldassov, Malik N. Abdikarimov		
2	Prediction of Durability of Thermal Insulating Epoxy Coatings with Regard to Climatic Ageing	Article	Polymers, 2022, 14(9), №1650. doi.org/10.3390/polym14091650	IF= 4.967 (2021) Polymer Science – Q1	SCIE	CiteScore 6.6, Materials Science – 76% percentile	Zhanar O. Zhumadilova*, Vladimir P. Selyaev, Ruslan E. Nurlybayev, Yelzhan S. Orynbekov, Indira B. Sangulova, Erzhan I. Kuldeyev	First author and correspon nce author	
3	An Investigation of the Effects of Additives and Burning Temperature on the Properties of Products Based on Loam	Article	Applied Sciences (Switzerland). 2022, 12(7), №3352. doi.org/10.3390/app12073352	IF = 2.838 (2021) Engineering, multidisciplinary – Q2	SCIE	CiteScore 4.5, General Engineering – 75% percentile	Ruslan E. Nurlybayev, Maratbek T. Zhuginissov, Zhanar O. Zhumadilova*, Aidos A. Joldassov, Yelzhan S. Orynbekov, Aktota A. Murzagulova	Correspond ence author	
4	The Influence of the Burning Environment on the Properties of Ceramic	Article	Ceramics 2023, 6, 872–885.	(2021) Materials science – Q3	ESCI	(2022) CiteScore - 3.0,	Maratbek T. Zhuginissov, Ruslan E. Nurlybayev,	Correspond ence author	

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	Products Based on Fusible Raw Materials		doi.org/10.3390/cerami cs6020050			Materials Science – 53% percentile	Yelzhan S. Orynbekov, <u>Zhanar O. Zhumadilova*</u> , Yerlan Y. Khamza, Maxat Z. Bulenbayev	
5	Applicability of Zeolite from the Daubabinsk and Chankanai Deposits as a Sorbent for Natural Waters	Article	Water 2023, 15, 2231. doi.org/10.3390/w15122231	IF= 3.530 (2021) Water resources – Q2	SCIE	CiteScore 5.5, Water Science and Technology – 76% percentile	Erzhan I. Kuldeyev, Yelzhan S. Orynbekov, Zulkhair A. Mansurov, Ruslan E. Nurlybayev, <u>Zhanar O. Zhumadilova,*</u> Aktota A. Murzagulova	Correspondence author
6	Creation of damping alloys with optimum physical-mechanical properties for geological exploration equipment parts	Article	News of the National Academy of Sciences of the Republic of Kazakhstan, Series of Geology and Technical Sciences, 2019, 5(437), pp. 106–113.	Geosciences – Q3	ESCI	CiteScore 0.8, Geotechnical Engineering and Engineering Geology – 26% percentile	Suleyev, D.K., Uteпов, E.B., <u>Zhumadilova, Z.O.,</u> Ten, E.B.	Correspondence author

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7	Damping Metallic Materials with a Nanostructured Coating	Article	Metallurgist, V 60, I 9-10, P 961 – 9661, 2017. DOI 10.1007/s11015-017-0392-1	IF = 0.347 Metallurgy & metallurgical engineering - Q4	SCIE	CiteScore 0.5, Materials Science – 30% percentile	Utepov E.B., Ten E.B., <u>Zhumadilova Zh.O.</u> , Smailova G.A., Shevtsova V.S., Abuova R.Zh., Isakhanova A.B.	Author
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List of scientific papers
Zhanar O. Zhumadilova

No.	Title	Nature of the edition	Output data	Number of pages	Co-authors
1	2	3	4	5	6
	Articles in publications recommended by the Committee for Quality Assurance in Education and Science of the Ministry of Science and Higher Education of the Republic of Kazakhstan				
1	Көлемді наноқұрылымды материалдарды алу әдістері (article)	Printed	Vestnik KazNTU, No.5 (93) 2012. P.189. ISSN 1680-9211	3	-
2	Отқа төзімді материалдардың жылулық сәулелену қарқындылығын есептеу жолдары (article)	Printed	Vestnik KazNTU, No.1 (95) 2013. P.120. ISSN 1680-9211	5	-
3	The impact of thermal radiation on the human body (article)	Printed	Reports of National Academy of Sciences of the Republic of Kazakhstan. No.3. 2013. P.68. ISSN 2224-5227	5	Dossym K. Suleyev
4	Дыбыстық сәулеленуді өлшеу (article)	Printed	Reports of National Academy of Sciences of the Republic of Kazakhstan. No.3. 2013. P.50. ISSN 2224-5227	6	Dossym K. Suleyev
5	Multiple alloyed damping steel to reduce noise at manufacturing (article)	Printed	Bulletin of National Academy of Sciences of the Republic of Kazakhstan. No.4, 2013. P.3. ISSN 1991-3494	4	Dossym K. Suleyev

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6	Зерттелген болағ үлгілерінің термиялық өңдеу нәтижелері (article)	Printed	Vestnik KazNTU, No.4 (98), July 2013. P.70. ISSN 1680-9211	4	-
7	Қорытпалардың акустикалық сипаттамаларын зерттеу (article)	Printed	Vestnik KazNTU, No.5 (99) 2013. P.116. ISSN 1680-9211	5	-
8	Labor protection measures at the welding site (article)	Printed	Bulletin of National Academy of Sciences of the Republic of Kazakhstan. No.3 май. 2014. P.40. ISSN 1991-3494	4	Dossym K. Suleyev, Moldir B. Kalmurat
9	Влияние легирующих элементов на характеристики сталей (article)	Printed	Vestnik KazNTU, No.3. 2014. P.439. ISSN 1680-9211.	3	Shokhan E. Babaev, Almat Sh. Bestaev
10	Қысыммен жұмыс істейтін жабдықтарды техникалық регламентке сәйкес реттеу (article)	Printed	Vestnik KazNTU, No.2. 2015. P.80. ISSN 1680-9211.	4	Alua K.Tortbaeva
11	ЖЭС қазандықтарында отынды жағу кезінде зиянды заттардың бөлінуін техникалық регламентке сәйкес есептеу (article)	Printed	Vestnik KazNTU, No.2. 2015. P.67. ISSN 1680-9211.	6	-
12	Mechanical properties of developed forging steels (article)	Printed	Bulletin of National Academy of Sciences of the Republic of Kazakhstan. Volume 2, Number 354 (2015). 33-37pp. ISSN 1991-3494.	5	Dossym K. Suleyev, Almat Sh. Bestaev
13	Analyses of industrial accident causes (article)	Printed	Vestnik KazNRITU, No.1. 2016. P.337. ISSN 1680-9211.	5	-

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14	3D modeling of the sleeve of forging damping steel (article)	Printed	Vestnik KazNRTU, No.2. 2016. P.358-362. ISSN 1680-9211.	5	-
15	Экологические аспекты нефтегазового месторождения «Алибек Южный» (article)	Printed	Vestnik KazNRTU, No.3. 2016. P.539. ISSN 1680-9211.	7	Turar A. Asan, Imanbek D. Kaldybaev
16	Dissipative properties of the high alloy aluminum cast iron ЧЮ22Ш (article)	Printed	Научно-технический журнал «ПРОМЫШЛЕННОСТЬ КАЗАХСТАНА». №2 (106) 2019. С.59. Международный код ISSN 1608-8425.	3	Gulzhan Nuruldaeva, Saule Kaldybaeva, Dauren Kumar
17	Теоретические исследования проблемы энергосбережения в строительном секторе (article)	Printed	Bulletin of Kazakh Leading Academy of Architecture and Construction. Building constructions and materials 4(78) 2020. P. 173. ISSN 1680-080X (print), ISSN 2788-6948 (online), https://doi.org/10.51488/1680-080X/2020.4-25	11	Erzhan I. Kuldeev, Rustan E. Nurlybaev, Yelzhan S. Orynbekov
Patents					
18	Демпфирующая сложенлегирующая сталь ДСЖ-5 (patent)	Printed	Инновационный патент РК на изобретение №24711. от 17.10.2011 бюл.№10.	-	Erkasyn B.Uteпов, Roza S.Omirbai, Gulzhan Zh. Nuruldaeva
19	Демпфирующая сложенлегирующая сталь ДСЖ-4 (patent)	Printed	Инновационный патент РК на изобретение	-	Dossym K. Suleyev,

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			№25316. от 20.12.2011 бюл.№12.		Erkasyn B.Uteпов
20	Состав теплоизоляционного покрытия (patent)	Printed	Patent No.8132 for utility model from 02.06.2023, Bul. No.22. Application 2022/0931.2 from 26.10.2022.	-	Ruslan E. Nurlybayev, Vladimir P.Selyaev, Yelzhan S. Orynbekov, Aidos A. Joldassov, Yerlan Y. Khamza
21	Водорастворимое теплоизоляционное покрытие (patent)	Printed	Patent No.8131 for utility model from 02.06.2023, Bul. No.22. Application 2022/0930.2 from 26.10.2022.		Ruslan E. Nurlybayev, Yelzhan S. Orynbekov, Vladimir P.Selyaev, Aidos A. Joldassov
Articles published in other scientific journals and publications					
22	Investigation of the effect diatomite and bentonite clays on the properties of local loam-based products (article)	Printed/electronic	Vestnik KazNRTU. No.4 2021. P. 180. eISSN 2709-4766, ISSN 2709-4758 https://doi.org/10.51301/vest.su.2021.i4.23	16	Ruslan E. Nurlybayev, Maratbek T. Zhuginisov,

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					Yelzhan S. Orynbekov, Yerlan Y. Khamza, Indira B. Sangulova Kenzebek Akmalaiuly
23	Heat dissipation at cement hardening (article)	Printed/electronic	SOUTHERN BRAZILIAN JOURNAL OF CHEMISTRY. June-2020. P.1. Vol.28, n°28. 2020. ISSN - 0104-5431 (Print). ISSN - 2674-6891 (Electronic). JOURNAL DOI: 10.37633/sbjc.	9	
International research-practical conferences					
24	Исследование демпфирующих характеристик стандартных конструкционных сталей 20ХГНТР, 60С2ХФА	Printed/electronic	VIII Российская ежегодная конференция молодых научных сотрудников и аспирантов «Физико-химия и технология неорганических материалов», 15-18 ноября 2011г. С.62. ISBN 978-5-4253-0261-8	2	-
25	Determination of the levels of noise of multiple alloyed steels at impact	Printed/electronic	Сборник научных трудов по материалам Международной научно-практической конференции «Актуальные проблемы безопасности жизнедеятельности и защиты населения и территорий в чрезвычайных ситуациях», Северо-Кавказский государственный технический университет. Россия, Ставрополь, 25 апреля 2011г. С.121.	5	-

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26	Технология конструирования и синтеза наноструктурных демпфирующих материалов	Printed/electronic	IX Российская ежегодная конференция молодых научных сотрудников и аспирантов «Физико-химия и технология неорганических материалов», 23-26 октября 2012г. С.303. ISBN 978-5-4253-0479-7	2	-
27	Defining mechanisms damping of steels	Printed/electronic	Modern Science: Problems and Perspectives. International Conference. Volum 4. Las Vegas, NV, USA. April 15, 2013. ICET International Center for Education & Technology, USA.p.306. ISBN 978-0-9856672-2	5	-
28	The Impact of Industrial Noise of the Human Body	Printed/electronic	Modern Challenges and Decisions of Globalization. International Conference, July 15, 2013. New York, USA. Part 2. Session: Kazakhstan. ICET. P.221. ISBN 978-0-9856672-2	4	-
29	Звукоизлучение и звукоизоляция кованных заготовок из стали	Printed/electronic	Сборник материалов XI Российской ежегодной конференции молодых научных сотрудников и аспирантов «Физико-химия и технология неорганических материалов» (с международным участием). 16-19 сентября 2014г. Москва, ИМЕТ РАН, 2014 С.569. ISBN 978-5-4253-0753-8.	2	-
30	Физико-механические свойства конструкционных сталей	Printed/electronic	Сборник материалов «Механические свойства современных конструкционных материалов». Международные Научные чтения им. чл.-корр.	2	-

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			РАН И.А.Одинга. 4-5 сентября 2014г. Москва, М: ИМЕТ РАН, 2014. С.122. ISBN 978-5-4253-0751-4.		
31	Влияние горячейковки на акустические свойства сплавов	Printed/electronic	Сборник материалов XII Российской ежегодной конференции молодых научных сотрудников и аспирантов «Физико-химия и технология неорганических материалов» (с международным участием). 13-16 октября 2015г. Москва, ИМЕТ РАН, 2015. С.48	3	-
32	3D моделирование зубчатого колеса из демпфирующей стали Ст.Э1 с помощью современных программ АСКОН КОМПАС – 3D V 13 и Autodesk Inventor Professional 2015	Printed/electronic	Сборник материалов VI Международной конференции «Деформация и разрушение материалов и наноматериалов», DFMN-205. Секция 9 – Новые материалы (включая биомедицинские материалы, полимеры, демпфирующие, огнестойкие). 10-13 ноября 2015г. Москва, ИМЕТ РАН. С.642. ISSN 2413-2209	3	-
33	3D моделирование вал шестерни с помощью программы Autodesk Inventor Professional 2015	Printed/electronic	Сборник материалов VI Международной конференции «Деформация и разрушение материалов и наноматериалов», DFMN-205. Секция 9 – Новые материалы (включая биомедицинские материалы, полимеры, демпфирующие, огнестойкие). 10-13 ноября 2015г. Москва, ИМЕТ РАН. С.644. ISSN 2413-2209	3	Almat Sh. Bestaev

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Zh. Zhumadilova

G. Bursukova

K. Turmagambetova

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34	Применение современных сварочных установок в нефтяных месторождениях	Printed/electronic	Сборник материалов «Механические свойства современных конструкционных материалов» Научные чтения им.чл.-корр.РАН И.В.Одинга. 6-7 сентября 2016г. ИМЕТ РАН, Москва. 2016г. С.49. ISBN 978-5-4465-1200-3.	2	Turag A.Asan, Imanbek D. Kaldybaev
35	3D моделирование шатуна с помощью программой Autodesk Inventor Professional 2015	Printed/electronic	Сборник материалов XIII Российской ежегодной конференции молодых научных сотрудников и аспирантов «Физико-химия и технология неорганических материалов» (с международным участием). 18-21 октября 2016г. Москва, ИМЕТ РАН, 2016. С.99	3	-
36	The influence of climatic factors on the change in the elastic-strength indicators of epoxy polymers binders used in liquid thermal insulation coatings.	Printed/electronic	Труды международной зарубежной конференции SOUTHERN BRAZILIAN JOURNAL OF CHEMISTRY INTERNATIONAL VIRTUAL CONFERENCE held between 18 - 19 th March 2022, hosted in Brazil by the Universidade de Vassouras в журнале SOUTHERN JOURNAL OF SCIENCES. ISSN: 2764-5967. E-ISSN 2764-5959. vol.30, n°33. 2022. pp. 44-53.		Yelzhan S.; Orynbekov, Vladimir P.Selayev, Ruslan E. Nurlybayev, Indira B. Sangulova
Monographs					
37	Thermal insulation coatings based on finely dispersed mineral granular systems	Printed	Monograph. Poly Tech Edition, Satbayev University. Recommended by the Academic Council of the University as a monograph from 25, March, 2022. ISBN 978-601-323-279-9. 177 p.	177	Vladimir P.Selyaev, Ruslan E. Nurlybayev, Yelzhan S. Orynbekov,

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				Maratbek T. Zhuginissov, Tatyana A. Nizina.
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