

Reference

of the applicant for the academic title of associate professor in the scientific direction (specialty) 20500- Materials Engineering (Classifier of scientific directions approved by the Order of the Minister of Education and Science of the Republic of Kazakhstan, dated August 05, 2021, No. 386)

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| 1 | First name, surname (if any) | Zhumadilova Zhanar Orazbekkyzy |
| 2 | Academic degree (Candidate of Sciences, Doctor of Sciences, Doctor of Philosophy (PhD), Doctor of profile) or academic degree of Doctor of Philosophy (PhD), Doctor of profile or degree of Doctor of Philosophy (PhD), Doctor of profile, date of award | PhD by specialty of 6D070900-“Metallurgy”, diploma ЖООК-Д No. 0000162 from 26.05.2010. Defended PhD thesis on "Development of damping multiple alloyed steels". |
| 3 | Academic title, date of award | No |
| 4 | Honorary title, date of award | No |
| 5 | Position (date and number of the appointment order) | Deputy director (for science) of Institute of Architecture and Civil engineering at Kazakh national research technical university named after K.I.Satbayev (Orders: No.141/s from 04.01.2017, No.755 l/s from 31.05.2018, No.507 l/s from 03.05.2019., No.407 l/s from 27.05.2020, No.1154 l/s from 01.09.2021, No.2198 l/s from 24.12.2021). The orders are listed in the workbook. |
| 6 | Experience of scientific, scientific and pedagogical activity | Total work experience in the specialty at the university (excluding periods of higher education). - 18 years, including 6 years 6 months as deputy director of the institute. After defending PhD thesis from 2012 to 2017, she worked as docent, acting associate professor, associate professor (Orders: No.2939 l/s from 28.09.2012, No.1240 l/s from 02.09.2013, No.1205 l/s from 02.09.2014, No.321 l/s from 02.09.2015, No.1351 l/s from 31.08.2016). The orders are listed in the workbook. |
| 7 | Number of scientific articles after defending a dissertation /obtaining the academic title of associate professor (associate professor) | The total number of papers published since the dissertation is 43. Including: - in international peer-reviewed journals in the Scopus and Web of Science databases – 7, of which 3 publications are over the 35 th percentile (Q1, Q2). - in publications recommended by the Committee for Quality Assurance in Science and Higher Education of the Ministry of Science and Higher Education of the Republic of Kazakhstan (CQSHHE) - 17; - in other scientific journals and publications – 2: - in international conference proceedings – 13. Patents from the MJ RK - 4. |

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| | | Hirsch index – h: Scopus – 2; Web of Science – 2; RSCI – 4. |
| 8 | The number of monographs, textbooks, single-handedly written educational (teaching and methodological) manuals published over the past 5 years | Monograph - 1 (co-authored) with a volume of 11.2 printed sheets (co-author as first author), co-author owns 6.2 printed sheets. A certificate on the distribution of copyright is attached. |
| 9 | Persons who have defended their dissertation under his supervision and have an academic degree (Candidate of Sciences, Doctor of Sciences, Doctor of Philosophy (PhD), Doctor of profile) or an academic degree of Doctor of Philosophy (PhD), Doctor of profile or Doctor of Philosophy (PhD), Doctor of profile | No |
| 10 | Laureates, prize-winners of republican, international, and foreign competitions, exhibitions, festivals, awards, and Olympiads prepared under his leadership | No |
| 11 | Champions or medallists of the World Universiades, Asian and Asian championships, European, World and Olympic champions or medallists trained under his leadership | No |
| 12 | Additional information | <p>Academician (full member) of the International Academy of Ecology and Life Protection Sciences in the section "Life Protection" (IAELPS, St. Petersburg, Russia). Diploma No. 05004 dated 27 September 2012.</p> <p>Scholarship holder of state scientific fellowships for talented young scientists of the Committee of Science of the Ministry of Education and Science of the Republic of Kazakhstan for 2008-2010, 2015-2016.</p> <p>Expert on examination of textbooks in English in the field of labour protection of RSI at Republican Scientific and Practical Centre for Expertise of Educational Content of the Ministry of Education and Science of the Republic of Kazakhstan. Contract No. 1101 on provision of expertise services dated 10.11.2021.</p> <p>QS World University Rankings Academic Expert in Life Safety and Environmental Protection.</p> <p>Scientific expert for monitoring the implementation of scientific, scientific and technical projects and programmes National Centre for State Scientific and Technical Expertise, 2022.</p> <p>Participation in research projects:</p> |

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| | <p>1) 2006-2008 - GF Programme 19.02 of the Committee of Science of the Ministry of Education and Science of the Republic of Kazakhstan. Project: "Study of structural-phase transformations in damping sintered powder alloys". Junior researcher.</p> <p>2) 2007-2009 - Programme "Development of nanoscience and nanotechnology in the Republic of Kazakhstan for 2007-2009" of the Ministry of Education and Science of the Republic of Kazakhstan. Project: No. 8.706.H.07: "Development of scientific foundations and technology for the design and synthesis of nanostructured damping materials". Junior researcher.</p> <p>3) 2013-2015- Grant funding for research in 2013-2015 of Science Committee of ME&S RK. Project: "Development of powder metal materials with controlled density". Senior researcher.</p> <p>4) 2015-2017 - Research grant funding for 2015-2017 of Science Committee of ME&S RK. Project: "Development of damping metal materials with nanostructured coating". Leading researcher.</p> <p>5) January, 2018 – June, 2018. Subproject No.APP-PSCP-I-17/017P "TUMAR" Industry-Science Collaboration Centre for Energy Efficient and Environmentally Friendly Solutions in the Construction Sector" of the Production Sector-I Consortium for Planning under the project "Stimulating Productive Innovation" of the Committee of Science of ME&S RK and the World Bank. Co-implementer.</p> <p>6) Scientific supervisor of project AP08855714-"Thermal insulation coatings based on finely dispersed mineral granular systems" under the "Grant financing for scientific and (or) scientific-technical projects in 2020-2022 with period of 27 months" of Committee of Science of ME&S RK.</p> <p>Awards:</p> <p>1. Awarded a diploma of the Ministry of Labor and Social Protection of Population of the RK in honor of the 75th anniversary of KazNTU named after K.I. Satpayev, 2009.</p> <p>2. Awarded the medal "Qorqyt Ata atyndagy Kyzylorda Membektik Universitetni üleuli ülez koskany ushin" 75th anniversary of university, 2012.</p> <p>3. Awarded the 85th anniversary medal "85 years of KazNRTU named after K.I. Satbayev", April, 2019.</p> |
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**Director of Bassenov Institute of
Architecture and Civil Engineering
NPJSC KazNRTU named after K.I.
Satbayev**



Kuspangaliyev B.U.