

## Reference

of the applicant for the academic title of associate professor  
in the scientific direction 20700 – Energy and rational environmental management

1	First name, surname (if any)	Motovilov Igor Yurievich
2	Academic degree (Candidate of Science, Doctor of Science, Doctor of Philosophy (PhD), Doctor in the field) or academic degree of Doctor of Philosophy (PhD), Doctor in the field or Doctor of Philosophy (PhD) degree, Doctor in the field, date of award	Doctor of Philosophy (PhD) in specialty 6D070900 – Metallurgy, 03.06.2019 ФД № 0002816
3	Academic title, date of award	-
4	Honorary title, date of award	-
5	Position (date and number of the appointment order)	Associate Professor of the Department of Metallurgy and mineral processing, KazNRTU named after K.I.Satpayev, 31.08.2022 Order No. 2078 l/s
6	Experience of scientific, scientific and pedagogical activity	Total 15 years, including 2 years as an associate professor
7	Number of scientific articles after defending a dissertation/receiving the academic title of associate professor (associate professor)	Total 44, in publications recommended by the authorized body 8, in scientific journals included in the Clarivate Analytics database (Web of Science Core Collection, Clarivate Analytics (Web of Science Core Collection, Clarivate Analytics)) 1, Scopus or JSTOR 5, creative works – 30.
8	The number of monographs, textbooks, single-handedly written educational manuals published over the past 5 years	Study guide – 1, volume of 9 printed sheets, individually authored, 2023.
9	Persons who have defended a dissertation under his supervision and have an academic degree (Candidate of Science, Doctor of Science, Doctor of Philosophy (PhD), Doctor of Science) or an academic degree of Doctor of Philosophy (PhD), Doctor of Science or Doctor of Philosophy (PhD), Doctor of Science profile	-
10	Laureates, prize-winners of republican, international, and foreign competitions, exhibitions, festivals, awards,	Prize-winners of the Republican Open Competition of Scientific Research Works: 1. 2016. Study of gravity beneficiation of crushed ore from the Shalkiya deposit. Author: 3rd year

	<p>and Olympiads prepared under his leadership</p>	<p>student of specialty 5B073700 – Mineral Processing, Utegenova Fatima Nurzhankyzy section Mineral Processing – 1st place, Almaty</p> <p>2. 2017. Study of gravity beneficiation of manganese ore using Henri-Reingard type curves. Authors: 2nd and 3rd year students of specialty 5B073700 – Mineral Processing, Bukpanov A.K., Smolkova A.I. section Mineral processing – 1st place, Almaty</p> <p>3. 2017 Preparation of oxidized and metallic iron powders from ferric chloride crystals Author: 4th year student of specialty 5B070900 – Metallurgy, Abdeli A.A. metallurgy section – 2nd place, Temirtau</p> <p>4. 2018. Study of gravitational and magnetic concentration of stale manganese sludge and development of technology for their processing to obtain standard manganese concentrates. Authors: 3rd year students of specialty 5B073700 – Mineral Processing, Kadyrsyzov D., Taubashev S.R. section Mineral processing – 1st place, Almaty</p> <p>5. 2018. Study of the thickening process of flotation tailings obtained during the enrichment of ores of the Zhairam deposits of sulfide and oxidized grades. Author: 3rd year student, specialty 5B073700 – Mineral Processing, Smolkova A.I. Mineral processing section – 2nd place, Almaty</p> <p>6. 2019. Study of the grindability of products of gravitational pre-enrichment of polymetallic ore from the Shalkiya deposit. Author: 3rd year student, specialty 5B073700 – Mineral Processing, Smolkova A.I. section Mineral processing – 1st place, Almaty</p>
11	<p>Champions or prize-winners of the World University Games, Asian Championships and Asian Games, champion or prizewinner of Europe, the World and the Olympic Games prepared under his leadership</p>	
12	<p>Additional information</p>	<p>In the period from 2015 to the present, he was the scientific director of six economic contract projects, the responsible executor of more than 34 economic contract projects, senior, leading researcher and responsible executor of more than 8 grant and program-targeted projects. Recipient of the state scholarship for young talented scientists, order No. 672 of December 6, 2018.</p>

**Director of the Mining and Metallurgical Institute named after O.A. Baikonurova, NJSC "KazNRTU named after K.I. Satpayev"**



**K. Rysbekov**