

## **List of scientific and educational-methodical works 2014-2024**

**Zurab Simongulashvili**

1. The influence of alkali metal oxides on the process of joint reduction of manganese and silicon. "Ceramics", Tbilisi, 2014, T1(31), p. 3-6. S. Nebieridze, Z. Simongulashvili.
2. Selection of the optimal composition of silicomanganese, which ensures the increase of the beneficial use of manganese. Stu- works, N1(499), 2016, p. 42-47. c. Kurdadze, Z. Simongulashvili, b. Maisuradze, R. Abesadze
3. Investigation of the silicomanganese smelting process using tuffs in Kazm. "Ceramics", Tbilisi, N1(35), 2016, p. 41-45. Z. Simongulashvili, G. Kurdadze
4. Silico-manganese smelting in a crucible using waste from own production. Scientific and technical magazine "Energy", Tbilisi, 2016, N1(77), p. 94-101. Z. Simongulashvili, G. Kurdadze, R. Abesadze.
5. Optimization of the silicomanganese smelting process in order to increase the beneficial use of manganese and silicon. Scientific and technical magazine "Energy", Tbilisi, 2017, N1(81), p. 58-62. c. Kurdadze, Z. Simon Gulashvili.
6. Obtaining a special type of regenerator from Tkibuli coal. "Ceramics", Tbilisi, N1(37), 2017, p. 44-51. Z. Simongulashvili, b. Maisuradze
7. Studying the possibility of using ferroalloy waste in the silicon manganese smelting process. "Ceramics", Tbilisi, N1(37), 2017. Z. Simongulashvili, b. Maisuradze.
8. Intensification of technological processes of production of ferroalloys. Course of lectures, (manual) publishing house "Technical University", Tbilisi, 2018, 160 p. Z. Simongulashvili
9. Ferroalloys. (Manual). Stu, Tbilisi, 2019, 210 p. Z. Simongulashvili
10. Mining and metallurgical encyclopedia. Volume 1, Volume 2, Tbilisi. 2020  
c. Edited by Kashaka-shvili
11. Increasing the beneficial use of manganese by selecting the optimal composition of silicomanganese. International scientific conference "Chemistry-achievements and perspectives" dedicated to the 90th anniversary of the birth of academician Givi Tsintsadze. Tbilisi, 2023. Z. Simongulashvili
12. Selection of the optimal composition of silicomanganese, which ensures the increase of the

beneficial use of manganese.

International scientific conference "Chemistry-achievements and perspectives" dedicated to the 90<sup>th</sup> anniversary of the birth of academician Givi Tsintsadze. Tbilisi, 2023. Z. Simongulashvili

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