

Список основных публикаций Савченко по научной специальности или тематике оппонируемой диссертации в рецензируемых научных изданиях за последние 5 лет:

1. A.A. Savchenko, S.B. Dabagov, A.A. Tishchenko, Trapezoida Cherenkov radiator as an efficient calorimeter, Nucl. Instr. and Meth. A 1084, 171247 (2026).DOI: 10.1016/j.nima.2025.171247 (Scopus, Wos)
2. A.D. Khudyakova, A.A. Savchenko, W. Wagner, Cauchy-like approximation of continuous crystal potential for axially channeled electrons, Nucl. Instr. and Meth. A 1074, 170315 (2025). DOI: 10.1016/j.nima.2025.170315 (Scopus, Wos)
3. A.A. Savchenko, A.D. Khudyakova, W. Wagner, Geant4 implementation of axial channeling radiation in classical description, Nucl. Instr. and Meth. A 1060, 169057 (2024). DOI: 10.1016/j.nima.2023.169057 (Scopus, Wos)
4. A.A. Savchenko, A.A. Tishchenko. Search for a new material for a medical Cherenkov radiation detector, Nucl. Instr. and Meth. A 1060, 169021 (2024).DOI: 10.1016/j.nima.2023.169021 (Scopus, Wos)
5. A.A. Savchenko, A.A. Tishchenko, Geant4 application for efficiency simulation of PbF2 based calorimeters, Radiat Detect Technol Methods 7, 435-446 (2023). DOI: 10.1007/s41605-023-00399-9 (Scopus, Wos)
6. A.A. Savchenko and W. Wagner, New module for channeling radiation simulation in Geant4 Journal of Instrumentation 16, P12042 (2021). DOI: 10.1088/1748- 0221/16/12/P12042 (Scopus, Wos)