

PUBLICATIONS

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1. Ashot Chilingarian , Tigran Karapetyan, Mary Zazyan, Gagik Hovsepyan, Balabek Sargsyan, Nina Nikolova, Hristo Angelov, Jaroslav Chum and Rony Langer // Maximum strength of the atmospheric electric field / PHYSICAL REVIEW D 103,, 2021, D 103, 043021-(1-9).
2. A. Chilingarian, D. Aslanyan, B. Sargsyan // On the origin of particle flux enhancements during winter months at Aragats / Physics Letters A, 2021, 399, 127296.
3. А. Чилингарян // Физика высоких энергий в атмосфере Земли, / Priroda, 2021, (3), 11-25.
4. E. K. Svechnikova, N. V. Ilin, E. A. Mareev, A. A. Chilingarian // Characteristic Features of the Clouds Producing Thunderstorm Ground Enhancements / Journal of Geophysical Research: Atmospheres, 2021, 126 (9), 1-13.
5. A. Chilingarian, G. Hovsepyan, E. Svechnikova, M. Zazyan // Electrical structure of the thundercloud and operation of the electron accelerator inside it / Astroparticle Physics, 2021, 132, 102615.
6. A. Chilingarian, G. Hovsepyan, M. Zazyan // Muon Tomography of Charged Structures in the Atmospheric Electric Field / Geophysical Research Letters, 2021, 48 (17), 1-7.
7. A. Chilingarian, G. Hovsepyan, M. Zazyan // Measurement of TGE particle energy spectra: An insight in the cloud charge structure / EPL (Europhysics Letters), 2021, 134 (6), 69001.