

Research Institute of Physics

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Scientific Worker

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Publications

Article

Unveiling Under-the-Barrier Electron Dynamics in Strong Field Tunneling

Tsendsuren Khurelbaatar, Michael Klaiber, Suren Sukiasyan, Karen Z. Hatsagortsyan, Christoph H. Keitel,

Dong Eon Kim

Physical Review Letters 2025 213201

Article

Intense high-order harmonic generation in the giant fullerene molecule C240

H. K. Avetissian, S. Sukiasyan, T. M. Markosyan, G. F. Mkrtchian

Physical review. B./Physical review. B 2024 085401

Article

Optical anisotropy of high-order harmonic generation by strong laser radiation in rectangular graphene quantum dot

Armenuhi G. Ghazaryan, Suren V. Sukiasyan, Khachik V. Sedrakian

Journal of Nanophotonics 2024 046002

Article

Disorder-induced effects in high-harmonic generation process in fullerene molecules

H.K. Avetissian, S. Sukiasyan, H.H. Matevosyan, G.F. Mkrtchian

Results in Physics 2023 106951/8

Conference

Disorder-Induced Effects in High-Harmonic Generation Process in Fullerene Molecules

H. K. Avetissian, S. Sukiasyan, H. H. Matevosyan, G. F. Mkrtchian

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