gor.ohanyan@ysu.am

Ռադիոֆիզիկայի և հեռահաղորդակցության կենտրոն
Laboratory of Nanoplasmonics
Junior Researcher

Research Institute of Physics
Ռադիոֆիզիկայի և հեռահաղորդակցության կենտրոն
Laboratory of Nanoplasmonics
Junior Researcher

Publications

Article

Resonant enhancement and confinement of microwave field in coupled conductive rod systems
Tigran Abrahamyan, Gor Ohanyan, David Hambaryan, Artyom Movsisyan, Henrik Parsamyan, Hovhannes Haroyan, Arsen Babajanyan, Khachatur Nerkararyan

Physica Scripta 2025 025515

Article

Microwave Band-Pass Filtering Using Interacting Conducting Ring Resonators [Микроволновое полосно-пропускающее фильтрование с использованием взаимодействующих проводящих кольцевых резонаторов]
N. Margaryan, G. Ohanyan

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Article

Highly dispersive transmission conditions for a conductive rods-based ultrathin bilayer metastructure
Tigran Abrahamyan, Gor Ohanyan, David Hambaryan, David Kalantar, Henrik Parsamyan, Hovhannes Haroyan, Arsen Babajanyan, Kiejin Lee, Khachatur Nerkararyan

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Article

Resonant detection of surface microwaves using dielectric-coated conductive rods coupled with a cut Goubau line
Tigran Abrahamyan, Gor Ohanyan, Hovhannes Haroyan, Arsen Babajanyan, Khachatur Nerkararyan

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