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Знание языков

Simple English Русский

Публикации

Статья

Dielectric coated conductive rod resonantly coupled with a cut transmission line as a tunable microwave bandstop filter and sensor

David Hambaryan, Tigran Abrahamyan, Henrik Parsamyan, Artyom Movsisyan, Bill Minasyan, Hovhannes Haroyan, Arsen Babajanyan, Kiejin Lee, Barry Friedman, Khachatur Nerkararyan
Heliyon 2024 e24477

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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
Journal of Physics D: Applied Physics 2024 355108

Статья

Tunable ultra-broadband terahertz metamaterial absorber based on vanadium dioxide strips

Lilit Gevorgyan, Hovhannes Haroyan, Henrik Parsamyan, Khachatur Nerkararyan
RSC Advances 2023 11948-11958

Статья

Broadband tunable mid-infrared absorber based on conductive strip-like meta-atom elements

Henrik Parsamyan, Hovhannes Haroyan, Khachatur Nerkararyan
Materials Today Communications 2022 103692

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Electrically Small Microstrip Antenna Based on Magnetodielectric Materials

Hovhannes Haroyan, Arsen Hakhoumian, Ararat Stepanyan
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Resonant Interaction Between Microwaves and Thin Conducting Microstructure with Finite Length

T. Abrahamyan, H. Haroyan, D. Hambaryan, H. Parsamyan, K. Lee, A. Babajanyan, Kh. Nerkararyan
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Broadband Absorption of Microwaves in Periodic Cylindrical Structures

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Broadband Infrared Absorption Due to Low Q-factor Dipole Modes of Cr Strips

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GRAPHITE-INSULATOR-METAL BASED METAMATERIAL ABSORBER AT X-BAND

D. Hambaryan, L. Gevorgyan, H. Parsamyan, A. Yesayan, H. Haroyan, Kh. Nerkararyan
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Միկրոալիքային խոցող գնդ. տեսության և կառուցվածքի որոշ հարցեր

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Plasmonic Nanoparticles Arrangements for Biosensing

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Fano Resonance in Coupled Semicylindrical Microresonators

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Khachik Sahakyan, Hovhannes Haroyan, Kh. Nerkararyan

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Широкодиапазонная диэлектрическая проницаемость столкновительной плазмы с произвольным зарядом ионов

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Detection of CO₂ laser radiation in a ferrite

H. Haroyan, A. Makaryan, K. Movsisyan, Farokh Nazari, V. Tadevosyan, H. Julfayan

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High Gain Broadband Plasmonic Slot Nano-Antenna

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Образовательный Руководство

«Վիճակագրական ռադիոֆիզիկա» լաբորատոր աշխատանքների ձեռնարկ

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Конференция

Whispering-Gallery Microresonator with a New Easy and Controllable Excitation Method

H. Parsamyan, H. Haroyan, Kh. Nerkararyan

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Slot Nano-Antenna Integrated with Plasmonic Waveguide

H. Haroyan

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Spectral Efficiency Improvement in Nonlinear Wireless Systems

H. Haroyan, T. Harytyunyan, S. Sargsyan, G. Harutyunyan

Конференция

Dielectric-Coated Conductive Rod Resonantly Coupled with a Cut Goubau Line as a Sensitive Microwave Sensor

Tigran Abrahamyan, Hovhannes Haroyan, David Hambaryan, Artyom Movsisy, Henrik Parsamyan,

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