

## Publications

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*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

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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  
Journal of Physics D: Applied Physics 2024 355108

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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  
IET Conference Proceedings 2024 11-14

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