

## Publications

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*Article*

**Slotted gap-surface plasmon resonator as an efficient platform for sensing**

Roza Gabrielyan, Gurgen Arabajyan, Torgom Yezekyan, Henrik Parsamyan

Optics Express 2025 2593-2603

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*Article*

**Quasi-bound states in the continuum in finite waveguide grating couplers**

Roza Gabrielyan, Torgom Yezekyan, Sergey I. Bozhevolnyi

Nanophotonics 2025 4053-4061

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*Conference*

**Engineering Electromagnetic Hotspots in Gap-Surface Plasmon Resonators**

Henrik Parsamyan, Roza Gabrielyan, Gurgen Arabajyan, Torgom Yezekyan

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