

Публикации

Статья

Nanometer-scale confinement of whispering gallery plasmonic modes upon slit excitation
Henrik Parsamyan, Roza Gabrielyan, Gurgen Arabajyan, Hovhannes Haroyan, Khachatur Nerkararyan
Nanoscale Advances 2026 1314 - 1321
<https://pubs.rsc.org/en/content/articlelanding/2026/na/d5na00985e>

Статья

Slotted gap-surface plasmon resonator as an efficient platform for sensing
Roza Gabrielyan, Gurgen Arabajyan, Torgom Yezekyan, Henrik Parsamyan
Optics Express 2025 2593-2603

Конференция

Engineering Electromagnetic Hotspots in Gap-Surface Plasmon Resonators
Henrik Parsamyan, Roza Gabrielyan, Gurgen Arabajyan, Torgom Yezekyan
2024 72 - 73
<https://indico.cern.ch/event/1400449/overview>

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Laterally Emitting Nearly Single-Cycle THz Pulse Generation in Two-Dimensional Aperiodically Poled Lithium Niobate Crystal
Y. Avetisyan, A. Makaryan, G. Arabajyan, M. Tonouchi
IEEE Xplore 2022 183280