

SPP modes supported by an individual metal-dielectric interface, usually called simply SPPs, can be viewed as consisting of two evanescent waves decaying exponentially into both neighboring media Fig. An SFG study of interfacial amino acids at the hydrophilic SiO₂ and hydrophobic

deuterated polystyrene surfaces.

Ring grating

They also provide a set of limits for the angular selectivity that can be achieved with the considered geometry.

Innovative antimicrobial susceptibility testing method using surface plasmon resonance

We experimentally demonstrated the strong coupling between a microwave cavity and standing magnetostatic magnon modes in a yttrium iron garnet film. Mathematically this means that the properties of the transmission spectra calculated according to Eq. Radiating atoms in confined space: From spontaneous emission to micromasers.

[PDF] Optical and electrical mappings of surface plasmon cavity modes

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