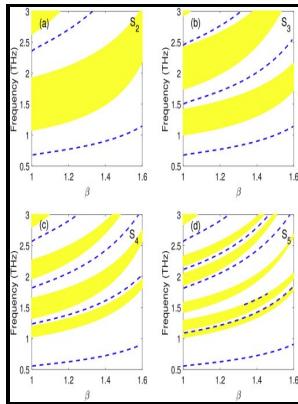


# Advanced methods of observing surface plasmon polaritons and magnons.

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



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## Innovative antimicrobial susceptibility testing method using surface plasmon resonance

By so doing, the same laser source can simultaneously monitor all channels of the sensor. Plasmonic hole ejection involved in plasmon-induced charge separation.

## A Short Review on Surface Plasmon Polaritons (SPPs) and Its Applications

Flatland Optics with Hyperbolic Metasurfaces.

### Plasmonic metamaterial

Another object of the present invention is to lower the optical alignment tolerances and obviate the need for dynamic optic components by providing the reflector surfaces within the waveguide and the plasmon resonance interface directly on the waveguide.

### Surface plasmon resonance

Surface plasmon-driven second-harmonic generation asymmetry in anisotropic plasmonic crystals. The relative amounts of antigen bound by the immobilized antibody can be 3 to 4 times higher than those obtained with some other antibody-immobilization methods.

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

Also known as left-handed or negative index materials, Veselago theorized that they would exhibit optical properties opposite to those of glass or air.

### Plasmon

If the surface is patterned with different biopolymers, using adequate optics and imaging sensors i.

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