

an introduction to metamaterials and waves in composites

Mon, 18 Feb 2019 10:59:00 GMT an introduction to metamaterials and pdf - Metamaterials research and development are the core of the Kuang-Chi Research Institute of Advanced Technology (referred to as Kuang-Chi). Kuang-Chi is intended to establish the connection between fundamental research and industrial implementation.

Mon, 18 Feb 2019 12:39:00 GMT Metamaterials: Reshape and Rethink - ScienceDirect - Metamaterials are artificial electromagnetic media structured on a scale much shorter than their operating wavelength. Under this condition they can be considered as homogeneous media whose electromagnetic properties rely mainly on the basic cell rather than periodic effects as it is the case for photonic crystal or more generally electromagnetic band gap material.

Tue, 19 Feb 2019 14:47:00 GMT Mie resonance-based dielectric metamaterials - ScienceDirect - A superlens, or super lens, is a lens which uses metamaterials to go beyond the diffraction limit. The diffraction limit is a feature of conventional lenses and microscopes that limits the fineness of their resolution. Many lens designs have been proposed that go beyond the diffraction limit in some way, but constraints and obstacles face each of them.

Thu, 14 Feb 2019 09:31:00 GMT

Superlens - Wikipedia - Fractal's FM/R metamaterial and antenna technology makes debut at CES January 12, 2018. BEDFORD, Mass.--(BUSINESS WIRE)--A spinoff of invisibility cloak technology has finally seen the lights and glitz of Las Vegas, as Fractal Antenna Systems, Inc. (FRACTAL) debuted its breakthrough fractal metamaterial technology (FM/R) at the CES. Sun, 17 Feb 2019 13:16:00 GMT Fractal Antenna Systems - Latest News - 8 International Symposium on Optronics in Defence & Security 6-8 February 2018 TH NOTIFICATION OF ACCEPTANCE OR REFUSAL PARTNERS The Conference Programme Committee will notify all the authors of its decision on September 28th, 2017.

Tue, 19 Feb 2019 11:41:00 GMT International Symposium 2018 - Surface plasmon polaritons (SPPs) are infrared or visible-frequency electromagnetic waves that travel along a metal-dielectric or metal-air interface. The term "surface plasmon polariton" explains that the wave involves both charge motion in the metal ("surface plasmon") and electromagnetic waves in the air or dielectric ("polariton"). They are a type of surface wave, guided along the ... Sun, 17 Feb 2019 18:17:00 GMT

Surface plasmon polariton - Wikipedia - Time and time again, "multidisciplinary" research is touted as essential to innovation. That is why, from April 2-6, 2018, researchers working in seemingly unrelated fields gathered in Phoenix, Arizona, to promote, share and discuss issues and developments across disciplines. The 2018 MRS Spring Meeting & Exhibit is the key forum to present research to an interdisciplinary and international ... Tue, 19 Feb 2019 01:46:00 GMT 2018 MRS Spring Meeting & Exhibit | Phoenix - Type or paste a DOI name into the text box. Click Go. Your browser will take you to a Web page (URL) associated with that DOI name. Send questions or comments to doi ... Sat, 19 Jan 2019 20:17:00 GMT Resolve a DOI Name - MRS, the Materials Research Society, offers materials science journals, materials science meetings, and materials science outreach to an international, interdisciplinary science community. Materials Research Society (MRS) | Materials science ... - 1046 A.Srivastava,S.Nemat-Nasser/WaveMotion51(2014)1045-1054 1. Introduction ... On the limit and applicability of dynamic homogenization -

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