

2009 - 2

Efficient focusing with a concave lens based on a photonic crystal with an unusual effective index of refraction

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Focusing slabs made of negative index materials based on inhomogeneous dielectric rods

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2007 - 1

Strongly frequency dependent focusing efficiency of a concave lens based on two-dimensional photonic crystals

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Applied Physics Letters

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2006 - 2

Formation of metal wire arrays via electrodeposition in pores of Si, Ge and III-V semiconductors

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Design and characterization of novel focusing elements based on photonic metamaterials

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2005 - 1

Superlensing with plane plates consisting of dielectric cylinders in glass envelopes

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