

2012 - 1

Ultrafast polarization conversion with plasmonic crystals

Komarova V., Shcherbakov M., Vabishchevich P., Dolgova T., Fedyanin A.

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2010 - 3

Femtosecond cross-correlation spectroscopy of fano-resonances in plasmonic nanostructures

Vabishchevich P.¹, Sychev F.¹, Bessonov V.¹, Shcherbakov M.¹, Dolgova T.¹, Fedyanin A.¹, Mishina E.², Sigov Aleksander²

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Femtosecond dynamics of surface plasmons-polaritons in planar plasmonic crystals in the vicinity of band-gap

Sychev F.¹, Vabishchevich P.¹, Bessonov V.¹, Shcherbakov M.¹, Dolgova T.¹, Fedyanin A.¹, Mishina E.², Sigov Aleksander³

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Polarization-sensitive optical metamaterials

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