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Bright solitons in optical metamaterials by traveling wave hypothesis . J. Modern Optics 19, 1550  
(2014), doi: 10.1080/09500340.2014.944357 .. Photonic applications of spatial photorefractive solitons  
soliton lattices,

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Springer Series in Optical Sciences. 2016. Free Preview. Contemporary Optoelectronics. Materials,  
Metamaterials and Device Applications. Editors: Shulika

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Technology, Springer, Berlin/Heidelberg, pp. properties of graphene , Reviews of Modern Physics, vol.  
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Science, vol.

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University of Maryland Baltimore County, Department of Computer Science and Electrical Engineering,  
1) DARPA SBIR Nonlinear Plasmonic Devices ( 850KUSD), PI 1) Nonlinear optics in photonic and  
metamaterial structures. .. Journal of Optoelectronics and Advanced Materials . Springer Series in  
Photonics, Vol.

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Jul 22, 2015 Metamaterials Science & Technology Workshop, San Diego, just been created to describe  
materials with properties . Development of Metamaterial for Military Applications . modern research in  
acoustic metamaterials devices. The carrier density and optical properties of photonic nanostructures are.

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Oct 5, 2012 Nanoscale materials modification for device applications dots grown by MOCVD for  
optoelectronic device applications . Springer Series in Optical Sciences 190 (2015) 165-186 . Post-  
processing approach for tuning multi- layered metamaterials .. Journal of Modern Optics 60, 21 (2013)  
1922-1926.

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(Springer Series in Optical Sciences) (4) Metamaterials: Theory, Design, And Applications, Tie Jun Cui,  
David R.

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Centre for Photonic Metamaterials Optoelectronics through better understanding of the new physics of advanced materials directed by Prof. Nikolay Zheludev,

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[3] A. Boltasseva, Fabrication of optical metamaterials, chapter in "Tutorials in Applications," NATO Science for Peace and Security Series - B: Physics and Titanium Nitride: Broadband Metamaterial Absorber," Advanced Materials 26 (47) , . "Optimizing performance of plasmonic devices for photonic circuits," Applied

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