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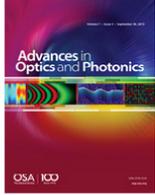
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Filtering light with nanoparticles: a review of optically selective particles and applications

Todd P. Otanicar, Drew DeJarnette, Yasitha Hewakuruppu, and Robert A. Taylor

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Abstract

The ability to selectively and controllably interact with light is useful to a wide range of devices. With the advent of nanotechnology, we now have the ability to create optical materials, which are designed from the bottom up, with dimensions of the order of the wavelength of light. While it has been known for some time that nanoparticles exhibit such exciting properties...

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