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[Titanium nitride as a plasmonic material for visible and near-infrared wavelengths](#)

Gururaj V. Naik, Jeremy L. Schroeder, Xingjie Ni, Alexander V. Kildishev, Timothy D. Sands, and Alexandra Boltasseva

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[Refractive index and extinction coefficient of CH₃NH₃PbI₃ studied by spectroscopic ellipsometry](#)

Xie Ziang, Liu Shifeng, Qin Laixiang, Pang Shuping, Wang Wei, Yan Yu, Yao Li, Chen Zhijian, Wang Shufeng, Du Honglin, Yu Minghui, and G. G. Qin

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[Temperature dependent two-photon photoluminescence of CH₃NH₃PbBr₃: structural phase and exciton to free carrier transition](#)

Heiko Linnenbank, Michael Saliba, Lili Gui, Bernd Metzger, Sergei G. Tikhodeev, Jeannette Kadro, Giuseppe Nasti, Antonio Abate, Anders Hagfeldt, Michael Graetzel, and Harald Giessen

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[Comparative study of ALD SiO₂ thin films for optical applications](#)

Kristin Pfeiffer, Svetlana Shestaeva, Astrid Bingel, Peter Munzert, Lilit Ghazaryan, Cristian van Helvoirt, Wilhelmus M. M. Kessels, Umut T. Sanli, Corinne Grévent, Gisela Schütz, Matti Putkonen, Iain Buchanan, Lars Jensen, Detlev Ristau, Andreas Tünnermann, and Adriana Szeghalmi

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[Oxides and nitrides as alternative plasmonic materials in the optical range \[Invited\]](#)

Gururaj V. Naik, Jongbum Kim, and Alexandra Boltasseva

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[Linear refractive index and absorption measurements of nonlinear optical liquids in the visible and near-infrared spectral region](#)

S. Kedenburg, M. Vieweg, T. Gissibl, and H. Giessen

Opt. Mater. Express 2(11) 1588-1611 (2012) [View: HTML](#) | [PDF](#) [Suppl. Mat. (6)]



[Effect of annealing temperature on the structure and properties of vanadium oxide films](#)

Yueyan Liu, Juncheng Liu, Yuanbao Li, Danping Wang, Lin Ren, and Kaishun Zou

Opt. Mater. Express 6(5) 1552-1560 (2016) [View: HTML](#) | [PDF](#)



[Dual-band nearly perfect absorber at visible frequencies](#)

Zijie Zhang, Zhiyong Yu, Yuzhang Liang, and Ting Xu

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Improved efficiency of perovskite solar cells based on Ni-doped ZnO nanorod arrays and Li salt-doped P3HT layer for charge collection

Pin-Yao Chen and Sheng-Hsiung Yang

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Thomas P. White, Emmanuelle Deleporte, and Tze-Chien Sum

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