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- [Handheld high-throughput plasmonic biosensor using computational on-chip imaging](#)
Arif E Cetin, Ahmet F Coskun, Betty C Galarreta, Min Huang, David Herman, Aydogan Ozcan & Hatice Altug
Light Sci Appl **3**, e122 (2014). DOI: 10.1038/lisa.2014.3
- [Healthy, natural, efficient and tunable lighting: four-package white LEDs for optimizing the circadian effect, color quality and vision performance](#)
Ji Hye Oh, Su Ji Yang & Young Rag Do
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- [Ultrafast lasers-reliable tools for advanced materials processing](#)
Koji Sugioka & Ya Cheng
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- [Metallic nanostructures for light trapping in energy-harvesting devices](#)
Chuan Fei Guo, Tianyi Sun, Feng Cao, Qian Liu & Zhifeng Ren
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- [Adaptive optical microscopy: the ongoing quest for a perfect image](#)
Martin J Booth
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- [Generating optical orbital angular momentum at visible wavelengths using a plasmonic metasurface](#)
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- [Optical storage arrays: a perspective for future big data storage](#)
Min Gu, Xiangping Li & Yaoyu Cao
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- [Design and fabrication of broadband ultralow reflectivity black Si surfaces by laser micro/nanoprocessing](#)
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12. [Observation of efficient population of the red-emitting state from the green state by non-multiphonon relaxation in the Er³⁺-Yb³⁺ system](#)
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13. [Massive individual orbital angular momentum channels for multiplexing enabled by Dammann gratings](#)
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25. [A single Eu²⁺-activated high-color-rendering oxychloride white-light phosphor for white-light-emitting diodes](#)
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