

Michael J. Naughton

Publications, updated August 2016

(H-Index: 43, i10-index: 89, citations: ~6,000, 211 publications, including 22 patents)

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1. *Wireless communication system via nanoscale plasmonic antennas*, Juan M. Merlo, Nathan T. Nesbitt, Yitzi M. Calm, Aaron H. Rose, Luke D'Imperio, Chaobin Yang, Michael J. Burns, Krzysztof Kempa and Michael J. Naughton, *Scientific Reports* **6**, 31710 (2016).
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3. *Effects of geometry on drift-limited solar cells*, T. Kirkpatrick, M.J. Burns and M.J. Naughton, *Physica Status Solidi B* (online, 2016).
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4. *Roadmap on optical energy conversion*, S. Boriskina, M.A. Green, K. Catchpole, E. Yablonovitch, M.C. Beard, Y. Okada, S. Lany, T. Gershon, A. Zakutayev, M. Tahersima, V.J. Sorger, M.J. Naughton, K. Kempa, M. Dagenais, Y. Yao, L. Xu, X. Sheng, N.D. Bronstein, J.A. Rogers, A.P. Alivisatos R.G. Nuzzo, J.M. Gordon, D.M. Wu, M.D. Wisser, A. Salleo, J., Dionne, P. Bermel, J.-J. Greffet, I. Celanovic, M. Soljacic, A. Manor, C. Rotschild, A. Raman, L. Zhu, S. Fan, G. Chen, *Journal of Optics* **18**, 073004 (2016).
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7. *A nanocoaxial-based electrochemical sensor for the detection of cholera toxin*, M.M. Archibald, B. Rizal, M. Rossi, T. Connolly, M.J. Burns, M.J. Naughton and T.C. Chiles, *Biosensors and Bioelectronics* **74**, 406-410 (2015).
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8. *Spectroscopic evidence for negative compressibility of a quasi-three-dimensional spin-orbit correlated electron system*, J. He, T. Hogan, T.R. Mion, H. Hafiz, Y. He, S.-K. Mo, C. Dhital, X. Chen, Q. Lin, Y. Zhang, M. Hashimoto, H. Pan, D.H. Lu, M. Arita, K. Shimada, R.S. Markiewicz, Z. Wang, K. Kempa, M.J. Naughton, A. Bansil, S.D. Wilson and R-H. He, *Nature Materials* **14**, 577-582 (2015).
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