

Nanooptics Publications 1995 – 2014

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M.K. Krug, M. Reisecker, A. Hohenau, H. Dittbacher, A. Trügler, U. Hohenester, J.R. Krenn
Probing plasmonic breathing modes optically
Appl. Phys. Lett. 105, 171103 (2014)

F.-P. Schmidt, H. Dittbacher, F. Hofer, J.R. Krenn, U. Hohenester
Morphing a plasmonic nanodisc into a nanotriangle
Nano Lett. 14, 4810 (2014)

F.-P. Schmidt, H. Dittbacher, U. Hohenester, A. Hohenau, F. Hofer, J.R. Krenn
Universal dispersion of surface plasmons in flat nanostructures
Nature Communications 5, 3604 (2014)

A. Trügler, J.-C. Tinguely, G. Jakopic, U. Hohenester, J.R. Krenn, A. Hohenau
Nearfield and SERS enhancement of rough plasmonic nanoparticles
Phys. Rev. B 89, 165409 (2014)

I. Sow, J. Grand, G. Levi, J. Aubard, N. Felidj, J.-C. Tinguely, A. Hohenau, J.R. Krenn
Revisiting surface enhanced Raman scattering on realistic lithographic gold nano-stripes
J. Phys. Chem. C 117, 25650 (2013)

C. Gruber, A. Trügler, A. Hohenau, U. Hohenester, J.R. Krenn
Spectral modifications and polarization dependent coupling in tailored assemblies of quantum dots and plasmonic nanowires
Nano Lett. 13, 4257 (2013)

A. Petritz, A. Wolfberger, A. Fian, J.R. Krenn, T. Griesser, B. Stadlober
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F. Kolb, K. Schmoltner, M. Huth, A. Hohenau, J.R. Krenn, A. Klug, E.J.W. List, H. Plank
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Screen printed polymer waveguides for integrated optics
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P. Dombi, A. Hörl, P. Racz, I. Marton, A. Trügler, J.R. Krenn, U. Hohenester
Ultrafast strong-field photoemission from plasmonic nanoparticles
Nano Lett. 13, 674 (2013)

J.-C. Tinguely, G. Charron, S. Lau-Truong, A. Hohenau, J. Grand, N. Felidj, J. Aubard, J.R. Krenn
Template-assisted deposition of CTAB-functionalized gold nanoparticles with nanoscale resolution
J. Colloid Interface Sci. 394, 237 (2013)

V. Häfele, F. de Leon-Perez, A. Hohenau, L. Martin-Moreno, H. Plank, J.R. Krenn, A. Leitner
Interference of surface plasmon polaritons excited at hole pairs in thin gold films
Appl. Phys. Lett. 101, 201102 (2012)

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