

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

High performance p-type organic thin film transistors with an intrinsically photopatternable, ultrathin polymer dielectric layer

Org. Electron. 14, 3070 (2013)

F. Kolb, K. Schmoltner, M. Huth, A. Hohenau, J.R. Krenn, A. Klug, E.J.W. List, H. Plank

Variable tunneling barriers in FEBID based PtC metal-matrix nanocomposites as transducing element for humidity sensing

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P. Zhang, E. Boer-Duchemin, T. Wang, B. Rogez, G. Comtet, E. Le Moal, G. Dujardin, A. Hohenau, C. Gruber, J.R. Krenn

Edge scattering of surface plasmons excited by scanning tunneling microscopy

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M. Sagmeister, B. Lamprecht, E. Kraker, S. Köstler, V. Ribitsch, N. Galler, H. Dittbacher, J.R. Krenn, B. Ungerböck, T. Abel, T. Mayr

Screen printed polymer waveguides for integrated optics

Appl. Phys. B 111, 647 (2013)

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)

F.-P. Schmidt, H. Dittbacher, U. Hohenester, A. Hohenau, F. Hofer, J.R. Krenn

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