

Publications

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Journal of the American Chemical Society

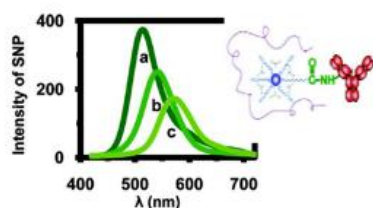
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Article

Photostable Single-Molecule Nanoparticle Optical Biosensors for Real-Time Sensing of Single Cytokine Molecules and Their Binding Reactions

Tao Huang, Prakash D. Nallathambi, and Xiao-Hong Nancy Xu

J. Am. Chem. Soc., 2008, 130 (50), 17095-17105 • DOI: 10.1021/ja8068853 • Publication Date (Web): 17 November 2008
Downloaded from <http://pubs.acs.org> on December 21, 2008



<https://pubs.acs.org/doi/pdf/10.1021/ja8068853>

Showing research from the X. Nancy Xu Lab at Old Dominion University

Title: Synthesis and characterization of tunable rainbow colored colloidal silver nanoparticles using single-nanoparticle plasmonic microscopy and spectroscopy

Optical nano rulers for identification of sizes and shapes of single nanoparticles and for tuning rainbow colors of colloids.

As featured in:

See Tao Huang and Xiao-Hong Nancy Xu, *J. Mater. Chem.*, 2010, 20, 3602

RSC Publishing www.rsc.org/materials

<https://pubs.rsc.org/en/content/articlepdf/2010/jm/c0jm01990a>

Showing research from the Xu Lab in the Department of Chemistry and Biochemistry at Old Dominion University, USA

Title: Study of cytotoxic and therapeutic effects of stable and purified silver nanoparticles on tumor cells

The inhibitory effect of Ag NPs on growth and division of tumor cells is illustrated in the paper

As featured in:

See Prakash D. Nallathambi and Xiao-Hong Nancy Xu, *Nanoscale*, 2, 342.

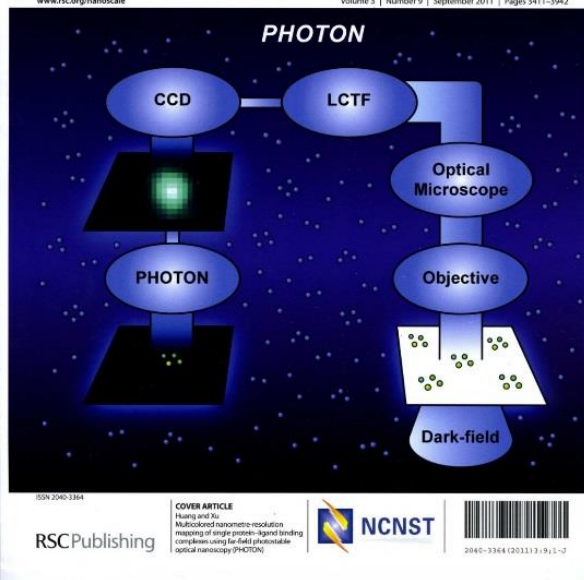
RSC Publishing www.rsc.org/nanoscale

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Nanoscale

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Volume 3 | Number 9 | September 2011 | Pages 3411-3942

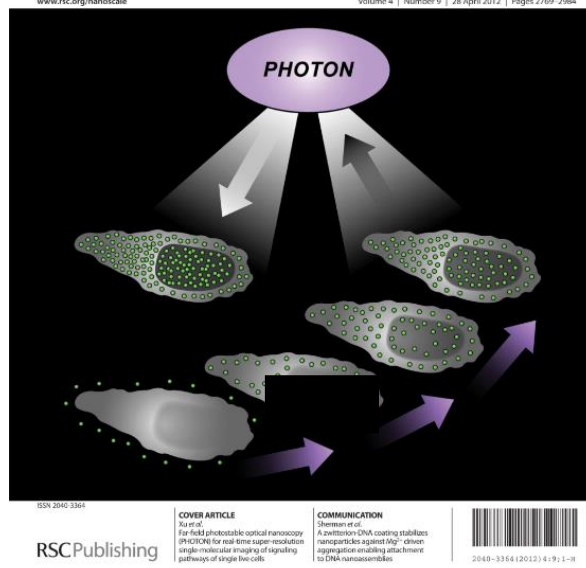


<https://pubs.rsc.org/en/content/articlepdf/2012/nr/c2nr11739h>

Nanoscale

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Volume 4 | Number 9 | 28 April 2012 | Pages 2769-2984

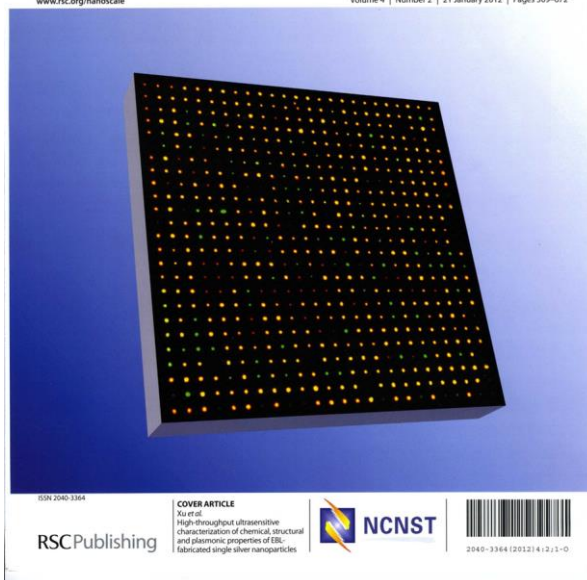


<https://pubs.rsc.org/en/content/articlepdf/2011/nr/c1nr10182j>

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Volume 4 | Number 2 | 21 January 2012 | Pages 309-672

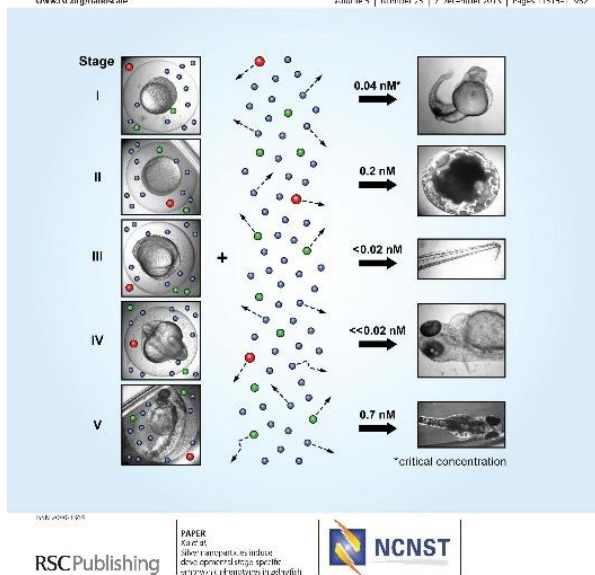


<https://pubs.rsc.org/en/content/articlepdf/2012/nr/c1nr11368b>

Nanoscale

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Volume 5 | Number 25 | 7 December 2013 | Pages 11516-11657



<https://pubs.rsc.org/en/content/articlepdf/2013/nr/c3nr03210h>