Publications

Representative publications (*corresponding author)

   Nano Lett. 11, 49 (2011). (IF 12.186)

2. Modulating Resonance Modes and Q Value of a CdS Nanowire Cavity by Single Ag Nanoparticles
   Q. Zhang, X.Y. Shan, X. Feng, C.X. Wang, Q.Q. Wang*, J.F. Jia*, Q.K. Xue,

3. Synthesis of Au-CdS Core-Shell Hetero-Nanorods with Efficient Exciton-Plasmon Interactions

4. Plasmon-Mediated Radiative Energy Transfer across a Silver Nanowire Array via Resonant Transmission and Subwavelength Imaging

5. Neurotoxin-conjugated upconversion nanoprobe for direct visualization of tumors under near-infrared irradiation
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6. Lighting up Dark Plasmons of Silver Ring-Nanoantenna to Enhance Exciton-Plasmon Interactions

7. Controlled Synthesis and Upconverted Avalanche Luminescence of Cerium(III) and Neodymium(III) Orthovanadate Nanocrystals with High Uniformity of Size and Shape
   H. Deng, S. Yang*, S. Xiao, H.M. Gong, and Q.Q. Wang*.
8. Highly Efficient Fluorescence of NdF3/SiO2 Core-shell Nanocrystals & the Applications for in vivo NIR Detection

9. Biocompatibility of quantum dot probes used for targeted imaging of hepatocellular carcinoma metastasis

10. Highly Efficient Avalanche Multiphoton Luminescence from Coupled Au Nanowires in the Visible Region
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11. Linear and nonlinear optical properties of Ag nanowire polarizing glass.


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