

## Ling Tong

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### Publications

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#### PUBLICATIONS

- **Color switch and three photon luminescence in doped colloidal quantum rods** *J. Am. Chem. Soc*  
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- **Label-free imaging through nonlinear optical signals** *Materials Today*  
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- **Bright Three-Photon Luminescence from Gold/Silver Alloyed Nanostructures for Bioimaging with Negligible Photothermal Toxicity** *ANGEWANDTE CHEMIE-INTERNATIONAL EDITION*  
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- **Visualizing Systemic Clearance and Cellular Level Biodistribution of Gold Nanorods by Intrinsic Two-Photon Luminescence** *LANGMUIR*  
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- **In Vitro and In Vivo Nonlinear Optical Imaging of Silicon Nanowires** *NANO LETTERS*  
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- **Gold nanorod-mediated photothermolysis induces apoptosis of macrophages via damage of mitochondria** *NANOMEDICINE*  
Tong, L., Cheng, J.  
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- **Intracellular Drug Delivery by Poly(lactic-co-glycolic acid) Nanoparticles, Revisited** *MOLECULAR PHARMACEUTICS*  
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- **Gold Nanorods as Contrast Agents for Biological Imaging: Optical Properties, Surface Conjugation and Photothermal Effects** *PHOTOCHEMISTRY AND PHOTOBIOLOGY*  
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- **Imaging gold nanorods by plasmon-resonance-enhanced four wave mixing** *J. Phys. Chem. C*  
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- **Imaging receptor-mediated endocytosis with a polymeric nanoparticle-based coherent anti-stokes raman scattering probe** *JOURNAL OF PHYSICAL CHEMISTRY B*  
Tong, L., Lu, Y., Lee, R. J., Cheng, J.  
2007; 111 (33): 9980-9985
- **Hyperthermic effects of gold nanorods on tumor cells** *Symposium on Advances in Nanomedicine held at the 233rd National American-Chemical-Society Meeting*  
Huff, T. B., Tong, L., Zhao, Y., Hansen, M. N., Cheng, J., Wei, A.

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- **Plasmon-resonant nanorods as multimodal agents for two-photon luminescence imaging and photothermal therapy** *Proc. SPIE*  
T. B. Huff, M. N. Hansen, L. Tong, Y. Zhao, H. Wang, D. A. Zweifel, J. X. Cheng, A. Wei  
2007; 6448: 11
- **Gold nanorods mediate tumor cell death by compromising membrane integrity** *Advanced Materials*  
Tong L., Zhao Y., Huff T. B., Hansen M. N., Wei A., Cheng J.X.  
2007; 19: 3136
- **Label-free imaging of semiconducting and metallic carbon nanotubes in cells and mice using transient absorption microscopy** *Nature Nanotechnology*  
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