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Publications

PUBLICATIONS

- **Color switch and three photon luminescence in doped colloidal quantum rods** *J. Am. Chem. Soc*
Deng Z., Tong L., Flores M., Lin S., Yan H., Cheng J.X., Liu Y.
2011; 133: 5389
- **Label-free imaging through nonlinear optical signals** *Materials Today*
Tong L., Cheng J.X.
2011; 14: 262
- **Bright Three-Photon Luminescence from Gold/Silver Alloyed Nanostructures for Bioimaging with Negligible Photothermal Toxicity** *ANGEWANDTE CHEMIE-INTERNATIONAL EDITION*
Tong, L., Cobley, C. M., Chen, J., Xia, Y., Cheng, J.
2010; 49 (20): 3485-3488
- **Visualizing Systemic Clearance and Cellular Level Biodistribution of Gold Nanorods by Intrinsic Two-Photon Luminescence** *LANGMUIR*
Tong, L., He, W., Zhang, Y., Zheng, W., Cheng, J.
2009; 25 (21): 12454-12459
- **In Vitro and In Vivo Nonlinear Optical Imaging of Silicon Nanowires** *NANO LETTERS*
Jung, Y., Tong, L., Tanaudommongkon, A., Cheng, J., Yang, C.
2009; 9 (6): 2440-2444
- **Gold nanorod-mediated photothermolysis induces apoptosis of macrophages via damage of mitochondria** *NANOMEDICINE*
Tong, L., Cheng, J.
2009; 4 (3): 265-276
- **Intracellular Drug Delivery by Poly(lactic-co-glycolic acid) Nanoparticles, Revisited** *MOLECULAR PHARMACEUTICS*
Xu, P., Gullotti, E., Tong, L., Highley, C. B., Errabelli, D. R., Hasan, T., Cheng, J., Kohane, D. S., Yeo, Y.
2009; 6 (1): 190-201
- **Gold Nanorods as Contrast Agents for Biological Imaging: Optical Properties, Surface Conjugation and Photothermal Effects** *PHOTOCHEMISTRY AND PHOTOBIOLOGY*
Tong, L., Wei, Q., Wei, A., Cheng, J.
2009; 85 (1): 21-32
- **Imaging gold nanorods by plasmon-resonance-enhanced four wave mixing** *J. Phys. Chem. C*
Jung Y., Chen H. Tong L., Cheng J.X.
2009; 113: 2657
- **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.

FUTURE MEDICINE LTD.2007: 125–32

- **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*
Tong L, Liu Y, Dolash BD, Jung Y, Slipchenko MN, Bergstorm DE, Cheng JX
; accepted