

Han Htoon

Publications = 29; Citation >600

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2. *High field magneto-optical spectroscopy of highly aligned individual and ensembled single-walled carbon nanotubes.* J. Shaver et al., Int. J. Mod. Phys. B. 23, 2667, (2009)
3. *Anomalous circular polarization of photoluminescence spectra of individual CdSe nanocrystals in an applied magnetic field,* H. Htoon et al., Phys. Rev. Lett. 102, 17402 (2009).
4. *Exciton localization and migration in individual CdSe quantum wires at low temperatures,* J. J. Glennon et al., Phys. Rev. B. 80, 081303 (2009).
5. *Quantum optics with nanocrystal quantum dots in solution: Quantitative study of clustering,* D. A. Bussian et al., J. Phys. Chem. C. 113, 2241 (2009).
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7. *Direct observation of dark excitons in individual carbon nanotubes: inhomogeneity in the exchange splitting,* A. Srivastava et al., Phys. Rev. Lett. 101, 087402 (2008)
8. *Linearly polarized & dasia; fine structure& psila; of the bright exciton state in individual CdSe nanocrystal quantum dots,* H. Htoon et al., Phys. Rev. B 77, 035328 (2008).
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15. *Photoluminescence properties of single CdS nanorods,* D. Kulik et al., J. of Appl. Phys. 95,1056-1063 (2005).
16. *Ultrafast coherent dynamics in semiconductor quantum dots,* H. Htoon, and C.K. Shih, Ultrafast dynamical processes in semiconductors topic in applied physics, Springer-Verlag Berlin 99-137 (2004).
17. *Low temperature emission spectra of individual single-walled carbon nanotubes: Multiplicity of subspecies within single-species nanotube ensembles,* H. Htoon et al., Phys. Rev. Lett. 93, 027401 (2004).
18. *Structure of excited-State transitions of individual semiconductor nanocrystals probed by photoluminescence excitation spectroscopy,* H. Htoon, P.J. Cox, and V.I. Klimov, Phys. Rev. Lett., 93 187402 (2004)
19. *Quantum coherence phenomena in semiconductor quantum dots: quantum interference, decoherence and Rabi oscillation* H. Htoon, C.K. Shih, and T. Takagahara, Chaos, Solitons and Fractals, **16**, 439 (2003).

20. *Light amplification in semiconductor nanocrystals: quantum rods versus quantum dots*, H. Htoon et al., Appl. Phys. Lett., 82, 4776 (2003).
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26. *Quantum dots at the nanometer scale: Interdot carrier shuffling and multiparticle states*, H. Htoon et al., Phys. Rev. B 60, 11026 (1999).
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29. *'Giant' multishell CdSe nanocrystal quantum dots with suppressed blinking: novel fluorescent probes for real-time detection of single-molecule events*, J. A. Hollingsworth et al. in *Proceedings of the SPIE - The International Society for Optical Engineering*. USA: SPIE - The International Society for Optical Engineering.