

DAFTAR PUSTAKA

- Abdullah, M., 2009, Pengantar Nano-sains, Institut Teknik Bandung, Bandung.
- Alim, M.A., Saidur, R., Khairul, M.A., Rahim, N.A., Abdin, Z., 2013, Solar energy harvesting with the application of nanotechnology, 26:837-852
- Auffan, M., Rose, J., Bottero, J. Y., Lowry, G. V., Jolivet, J. P., & Wiesner, M. R. 2009, Towards a Definition of Inorganic Nanoparticles from an Environmental, Health and Safety Perspective, *Nature nanotechnology*, 4:634-641.
- Berman, M., Ronnie, K., Hillel, Tal-Ezer, 1992, Solution of the time-dependent Liouville-von Neumann equation: dissipative evolution, *Journal of Physics A: Mathematical and General* 25, 5: 1283
- Boyd, R. W., 2007, *Nonlinear Optic*, Ed ke-3, Academic Press, New York
- Breuer, Heinz; Petruccione, Francesco, 2002, *The theory of open quantum systems*, p. 110
- Buffat, P., & Borel, J. P., 1976, Size Effect on the Melting Temperature of Gold Particles, *Physical review A*, 13:2287
- Buzea, C., Pacheco, I. I., Robbie, K., 2007, Nanomaterials and Nanoparticles: Sources and Toxicity, *Biointerphases*, 2(4),17:71
- Daniel C. Sullivan, Mauro, Ferrari, 2004, *Nanotechnology and Tumor Imaging: Seizing an Opportunity*, Vol 3, Issue 4
- Fujii, Kazuyuki. 2013. Introduction to the Rotating Wave Approximation (RWA): Two Coherent Oscillations. 1301:3585

- Freegard, T., 2012, *Introduction to the Physics of Waves*, Cambridge University Press, Cambridge
- Grieve, K., Mulvaney, P., & Grieser, F., 2000, Synthesis and electronic properties of semiconductor nanoparticles/quantum dots, *Current opinion in colloid & interface science*, 5(1):168-172.
- Griffiths, D. J., 2004, *Introduction to Quantum Mechanics* (2nd ed.), Essex England: Pearson Education Ltd.
- Huang, Y. X., Zheng, X. J., Kang, L. L., Chen, X. Y., Liu, W. J., Huang, B. T., Wu, Z. J., 2011, Quantum dots as a sensor for quantitative visualization of surface charges on single living cells with nanoscale resolution, *Biosens. Bioelectron*, 26:2114-2118
- Konstantatos, G., Sargent, E.H., 2010, Colloidal quantum dot photodetectors, *Infrared Phys. Technol.*, 54:278-282
- Nugroho, B. S., 2016, *Optical Response of Nanohybrids: Effects of Exciton-Plasmon Interaction*, Zernike Institute for Advanced Materials of the University of Groningen, (Disertasi)
- Nozik, A.J., 2002, Quantum dot solar cells, *Physics E: Low-dimensional Systems and Nanostructures*, 14(1):115-120
- Pokropivny, V., Skorokhod, V., 2007, *Classification of Nanostructures by Dimensionality and Concept of Surface Forms Engineering in Nanomaterial Science*, *Material Science and Engineering*, 27(5):990-993
- Ringer, S., & Ratnac, K., 2004, *On the Role of Characterization in the Design of Interfaces in Nanoscale Materials Technology*

- Raghunathan, R., Grillot, F., Mee, J.K., Murrell, D., Kovanis, V., Lester, F.L., 2014, Tuning the external optical feedback-sensitivity of a passively mode-locked quantum dot laser, *Appl. Phys. Lett.*, 105:041-112
- Roy, I., Ohulchanskyy, TY., Pudavar, HE., Bergey, EJ., Oseroff, AR., Morgan, J., Dougherty, TJ., Prasad, PN., 2003, Ceramic-based nanoparticles entrapping water-insoluble photosensitizing anticancer drugs: a novel drug-carrier system for photodynamic therapy, *J Am Chem Soc.*, 125:7860-7865.
- Schlosshauer, M., 2005, Decoherence, the measurement problem, and interpretations of quantum mechanics, *Reviews of Modern physics*, 76(4):1267
- Schulz, W. –M., Eichfelder, M., Reischle, M., Kessler, C., Robbach R., Jetter, M., Michler, P., 2011, Pulsed single-photon resonant-cavity quantum dot LED. *J. Cryst. Growth*, 315: 127-130
- Silbey, Robert J., Alberty, Robert A., Bawendi, Moungi G., 2005, *Physical Chemistry*, 4th ed. John Wiley & Sons
- Vagov, A., Croitoru, M. D., Axt, V. M., Kuhn, T., & Peeters, F. M., 2007, Nonmonotonic field dependence of damping and reappearance of Rabi oscillations in quantum dots. *Physical review letters*, 98:227403.
- Van Driel, A. F., Allan, G., Delerue, C., Lodahl, P., Vos, W. L., & Vanmaekelbergh, D., 2005, Frequency-dependent spontaneous emission rate from CdSe and CdTe nanocrystals: influence of dark states. *Physical Review Letters*, 95:236804.

Zhang, Y., Venugopal, J. R., El-Turki, A., Ramakrishna, S., Su, B., Lim, C. T., 2008, Electrospun biomimetic nanocomposite nanofibers of hydroxyapatite/chitosan for bone tissue engineering, *Biomaterials*, 29(32):4314-4322.