

## DAFTAR PUSTAKA

- Algar,W. R dan U. J. Krull. 2011. *J. Colloid Interface Sci* 359: 148-154.
- Ali, E.M., Y. G. Zheng, H. H. Yu and J. Y. Ying. 2007. *Anal. Chem* 79: 9452-9458.
- Alivisatos, A. P. 1996. Semiconductor Clusters, Nanocrystals, and Quantum Dots. *Science* 271(5251) : 933-937.
- Ashoori, R. C. 1996. *Nature* 379: 413-419.
- Bae, P.K., K. N. Kim, S. J. Lee, H. J. Chang, C. K. Lee and J. K. Park. 2009. *Biomaterials* 30: 836-842.
- Basset, J, et al. 1994. *Buku Ajar Vogel; Kimia Analisis Kuantitatif Anorganik*. Penerbit buku kedokteran EGC: Jakarta.
- Buzea, C., Pacheco, I. I., & Robbie, K. 2007. Nanomaterials and Nanoparticles: Sources and Toxicity. *Biointerphases*: 2(4): 17-71.
- Carrillo-Carrión, C., Simonet, B. M dan Valcárcel, M. 2011. *Anal. Chim. Acta* 703: 212-218.
- Chan, Warren C. & Shuming Nie. 1998. Quantum Dot Bioconjugates for Ultrasensitive Nonisotopic Detection. *Science*: 2016-2018.
- Chomoucka, J., J. Drbohlavova, P. Babula, V. Adam, J. Hubalek, I. Provaznik and R. Kizek, in *Eurosensor XIV Conference*, eds. B. Jakoby and M. J. Vellekoop. 2010. Elsevier Science Bv, Linz: 922-925.
- Chen, Qi-Fan, et al. 2007. Direct Aqueous Synthesis of cysteamine-Stabilized CdTe Quantum Dots and Its Deoxyribonucleic Acid Bioconjugates. *Analytical Chemistry*: 135-138.
- Cui, R., H. C. Pan, J. J. Zhu and H. Y. Chen. 2007. *Anal. Chem* 79, 8494-8501.
- Cui, Y., X. Q. Gong, S. J. Zhu, Y. H. Li, W. Y. Su, Q. H. Yang dan J. Chang. 2012. *J. Mater. Chem* 22: 462-469.
- Das, P., W. H. Zhong dan J. P. Claverie. 2011. *Colloid Polym. Sci* 289: 1519-1533.
- Day & Underwood. 2001. *Analisis Kimia Kuantitatif*, edisi ke-6. Erlangga: Jakarta.
- Dong, Wei., Li Guo & Meng Wang. 2009. CdTe QDs-Based Prostate- Specific Antigen Probe for Human Prostate Cancer Imaging. *Luminescence* 129: 926-930.
- Duan, J. L., L. X. Song and J. H. Zhan. 2009. *Nano Res* 2: 61-68.

- Duong, H. D., C. V. G. Reddy, J. I. Rhee and T. Vo-Dinh. 2011. *Sens. Actuator B-Chem* 157: 139-145.
- El-sadek, M. S. Abd., A. Y. Nooralden, S. M. Babu and P. K. Palanisamy. 2011. *Opt. Commun* 284: 2900-2904.
- Gill, R., L. Bahshi, R. Freeman and I. Willner. 2008 *Angew. Chem.-Int. Edit* 47: 1676-1679.
- Gondal, M. A., A. A. Bagabas dan M. A. Dastageer. 2011 *J. Nanopart. Res* 13: 3835-3842.
- Huang, C. P., Y. K. Li and T. M. Chen. 2007. *Biosens. Bioelectron* 22: 1835-1838.
- Idowu, Mopelela, Emmanuel Lamprecht & Tebello Nyokong. 2008. Interaction of Water-soluble Thiol Capped CdTe Quantum Dots and Bovine Serum Albumin. *Photochemistry and Photobiology A: Chemistry*: 7-12.
- Jamieson, T., R. Bakhshi, D. Petrova, R. Pocock, M. Imani and A. M. Seifalian. 2007. *Biomaterials* 28: 4717-4732.
- Ji, Xiao Yuan., Fei Peng., Yiling Zhong., Yuanyuan Su & Yao He. 2014. Fluorescent Quantum Dots: Shynthesis, Biomedical Optical Imaging, and Biosafety Assessment. *Colloids and Surfaces B: Biointerfaces* 124: 132-139.
- Jin, T., F. Fujii, Y. Komai, J. Seki, A. Seiyama and Y. Yoshioka. 2008. *Int. J. Mol. Sci* 9: 2044-2061.
- Joni, I Made. 2007. *Pengantar Biospektroskopi*. Universitas Padjajaran: Bandung.
- Kanwal, S., Z. Traore, C. Zhao and X. Su. 2010. *J. Lumines* 130: 1901-1906.
- Li, Z., Y. M. Du, Z. L. Zhang and D. W. Pang. 2003. *React. Funct. Polym* 55: 35-43.
- Liu, Y.-F dan J.-S. Yu. 2009. *J. Colloid Interface Sci* 333: 690-698.
- Liu, X., Y. Jiang, C. Wang, S. Y. Li, X. Lan, Y. Chen and H. Zhong. 2010. *J. Cryst. Growth* 312: 2656-2660.
- Maguire, Ciaran Manus, Mahfoud Omar Kazem, Rakovich Tatsiana, Gerard Vallerie Anne, Prina-Mello Adriele, Gun'ko Yurii, and Volkov Yuri. 2014. Heparin Conjugated Quantum Dots for In Vitro Imaging Applications. *Nanomedicine: Nanotechnology, Biology, and Medicine* 10(8): 1853-1861.
- Majumder, M., S. Karan, A. K. Chakraborty and B. Mallik. 2010. *Spectroc. Acta Pt. A-Molec. Biomolec. Spectr* 76: 115-121.

- Matoussi H., Palui, G dan Na, H.B. 2011 Adv. Drug Deliv. Rev., in press  
<http://dx.doi.org/10.1016/j.bbr.2011.03.031>.
- Mekis, I., D. V. Talapin, A. Kornowski, M. Haase and H. Weller. 2003. *J. Phys. Chem. B* 107: 7454-7462.
- Merkoci, A. ed. 2009. *Biosensing using nanomaterials*. Wiley: New Jersey.
- Murray, C. B., D. J. Norris dan M. B. Bawendi. 1993. Synthesis and Characterization of Neraly Monodisperse CdE (E=S, Se, Te) Semiconductor Nanocrystallites. *American Chemical Society*: 8706-8715.
- Ooba, Hideki. 2006. Synthesis of Unique High Quality Fluorescence Quantum Dots for the Biochemical Measurements. *AIST Today*: 27.
- Qian, H. F., C. Q. Dong, J. F. Weng dan J. C. Ren. 2006. *Small* 2: 747-751.
- Qu, Lianhua & Xiaogang Peng. 2002. Control of Photoluminescence Properties of CdSe Nanocrystals in Growth. *American Chemical Society*: 2049-2055.
- Rameshwar, T., S. Samal, S. Lee, S. Kim, J. Cho and I. S. Kim. 2006. *J. Nanosci. Nanotechnol* 6: 2461-2467.
- Reiss, P., et al. 2003. Low Polydispersity Core/Shell Nanocrystals of CdSe/ZnSe and CdSe/ZnSe/ZnS Type: Preparation and Optical Studies. *Synthetic Metals*: 649-652.
- Rodgers, P. 2006. Nanoelectronics: Single file. *Nature Nanotechnology*: 5.
- Saran A. D dan J. R. Bellare. 2010. *Colloid Surf. A-Physicochem. Eng. Asp* 369: 165-175.
- Saran, A.D., M. M. Sadawana, R. Srivastava and J. R. Bellare. 2011. *Colloid Surf. A-Physicochem. Eng. Asp* : 384, 393-400.
- Talapin, Dmitri V., et al. 2001. Highly Luminescent Monodisperse CdSe and CdSe/ZnS Nanocrystals Synthesized in a Hexadecylamine-Trioctylphosphine Oxide-Trioctylphospine Mixture. *American Chemical Society*: 207-211.
- Tian, Jianniao., et al. 2009. Controllable Synthesis and Cell-imaging Studies on CdTe Quantum Dots Together Capped by Glutathione and Thioglycolic acid. *Colloid and Interface Science*: 504-509.
- Tortiglione, C., A. Quarta, A. Tino, L. Manna, R. Cingolani dan T. Pellegrino. 2007. *Bioconjugate Chem* 18: 829-835
- Wan, Z., Luan, W dan Tu, S.T. 2011. *J. Colloid Interface Sci.* 356: 78-85.
- Wang, Y. Q dan L. X. Chen. 2011. *Nanomed.-Nanotechnol. Biol. Med* 7, 385-402.

Winarti, Lina. 2013. *Sistem Penghantaran Obat (Nanopartikel, Liposom, dan Drug Targetting)*. Universitas Jember: Jember.

Xing, Y., Z. Y. Xia dan J. H. Rao. 2009. *IEEE Trans. Nanobiosci* 8: 4-12.

Xu, W. B., Y. X. Wang, S. Liang, R. H. Xu, G. X. Zhang, F. H. Xu and D. Z. Yin. 2008. *J. Dispersion Sci. Technol* 29: 953-957.

Zhang, H., Z. Zhou, B. Yang and M. Y. Gao. 2003. *J. Phys. Chem. B* 107: 8-13.

Zheng, Y. G., S. J. Gao and J. Y. Ying. 2007. *Adv. Mater* 19: 376-380.

