

DAFTAR PUSTAKA

- Abdullah, M. (2008) *Pengantar Nanosains, Nanosains*. Bandung: Institut Teknologi Bandung.
- Baimuratov, A.S. *et al.* (2013) ‘Quantum-dot supercrystals for future nanophotonics’, *Scientific Reports*, 3. Available at: <https://doi.org/10.1038/srep01727>.
- Bao, C. *et al.* (2016) ‘Surface plasmon-assisted optical bistability in the quantum dot-metal nanoparticle hybrid system’, *Journal of Modern Optics*, 63(13), pp. 1280–1285. Available at: <https://doi.org/10.1080/09500340.2016.1141250>.
- Bardhan, R. *et al.* (2010) ‘Metallic nanoshells with semiconductor cores: Optical characteristics modified by core medium properties’, *ACS Nano*, 4(10), pp. 6169–6179. Available at: <https://doi.org/10.1021/nn102035q>.
- Bohren, C.F. and Huffman, D.R. (1983) *Absorption and Scattering of Light by Small Particles*. New York: Wiley.
- Darmawan, R.N. and Hariastuti, R.M. (2018) ‘Analisis Simulasi Solusi Numerik Model Lotka-Volterra dengan Metode Runge-Kutta-Fehlberg (Studi Kasus Populasi Musang Luwak (*Paradoxurus hermaphroditus*) dan Ayam Hutan Merah (*Gallus gallus*) di Taman Nasional Alas Purwo)’, *Kubik: Jurnal Publikasi Ilmiah Matematika*, 3(2). Available at: <https://doi.org/10.15575/kubik.v3i2.4112>.
- Das, H. and Datta, P. (2016) ‘Semiconductor quantum dots as nanoelectronic circuit components’, *Journal of Experimental Nanoscience*, 11(11), pp. 901–915. Available at: <https://doi.org/10.1080/17458080.2016.1178401>.
- Elfriana, R. *et al.* (2018) ‘Studi Teoritik Respon Optik Two-Level System Semiconductor Quantum Dots’, VI(2), pp. 82–88.
- Feng, H. peng *et al.* (2019) ‘Core-shell nanomaterials: Applications in energy storage and conversion’, *Advances in Colloid and Interface Science*, 267, pp. 26–46. Available at: <https://doi.org/10.1016/j.cis.2019.03.001>.
- Fitriyadi, F. *et al.* (2020) ‘Respons Optik Nanopartikel Logam Berlapis Majemuk’, *Prisma Fisika*, 8(1), p. 103. Available at: <https://doi.org/10.26418/pf.v8i1.40463>.
- Isnaeni and Cho, Y.H. (2010) ‘The fabrication and characterization of quantum dots-conjugated opal photonic crystals structure’, *Nanotechnology*, 21(22). Available at: <https://doi.org/10.1088/0957-4484/21/22/225201>.
- Kosionis, S.G. *et al.* (2012) ‘Nonlocal effects in energy absorption of coupled

- quantum dot-metal nanoparticle systems’, *Journal of Physical Chemistry C*, 116(44), pp. 23663–23670. Available at: <https://doi.org/10.1021/jp3090183>.
- Kulish, V. V. and Tomchuk, P.M. (2008) ‘Optical properties of metal nanotubes and metal nanoshells’, *Surface Science*, 602(5), pp. 1045–1052. Available at: <https://doi.org/10.1016/j.susc.2007.12.030>.
- Malyshev, A. V. and Malyshev, V.A. (2011) ‘Optical bistability and hysteresis of a hybrid metal-semiconductor nanodimer’, *Physical Review B - Condensed Matter and Materials Physics*, 84(3), pp. 1–6. Available at: <https://doi.org/10.1103/PhysRevB.84.035314>.
- Naeimi, Z. *et al.* (2019) ‘Optical response of a hybrid system composed of a quantum dot and a core–shell nanoparticle’, *Journal of the Optical Society of America B*, 36(8), p. 2317. Available at: <https://doi.org/10.1364/josab.36.002317>.
- Naito, M. *et al.* (2018) *Nanoparticle Technology Handbook, Nanoparticle Technology Handbook*. Available at: [https://doi.org/10.1016/s1748-0132\(07\)70119-6](https://doi.org/10.1016/s1748-0132(07)70119-6).
- Nugroho, B.S. (2016) *Optical Response of Nanohybrids: Effects of Exciton-Plasmon Interaction*.
- Nugroho, B.S. and Arman, Y. (2018) ‘Modifikasi Osilasi Rabi Pada Nanoparticle Heterodimer: Pengaruh Jarak antar Partikel dan Intensitas Medan Iluminasi’, *Positron*, 8(2), p. 7. Available at: <https://doi.org/10.26418/positron.v8i2.29366>.
- P. B. Johnson and R. W. Christy (1972) ‘Optical Constant of the Nobel Metals’, *Physical Review B*, 6(12), pp. 4370–4379.
- Sadeghi, S.M. and Patty, K.D. (2014) ‘Ultrafast dynamics induced by coherent exciton–plasmon coupling in quantum dot-metallic nanoshell systems’, *Journal of the Optical Society of America B*, 31(1), p. 120. Available at: <https://doi.org/10.1364/josab.31.000120>.
- Westcott, S.L. *et al.* (2002) ‘Relative contributions to the plasmon line shape of metal nanoshells’, *Physical Review B - Condensed Matter and Materials Physics*, 66(15), pp. 1–5. Available at: <https://doi.org/10.1103/PhysRevB.66.155431>.
- Wijayanti, H. *et al.* (2011) ‘Metode Runge Kutta Dalam Penyelesaian Model Radang Akut’, *Ekologia*, 11(2), pp. 46–52.
- Yariv, A. (1991) ‘Quantum Electronics’, p. 704.