

## DAFTAR PUSTAKA

- Armanetti, P., Pocoví-martínez, S., Flori, A., Avigo, C., Cassano, D., Menichetti, L., dan Voliani, V. (2018). Dual photoacoustic / ultrasound multi-parametric imaging from passion. *Nanomedicine: Nanotechnology, Biology, and Medicine*, 14(6), 1787–1795.
- Ashari, Ilham, N., dan Nuryanti, S. (2012). *Dinamika Program Swasembada Daging Sapi : Reorientasi Konsepsi dan Implementasi*. 181–198.
- Bageshwar, D. V, Pawar, A. S., Khanvilkar, V. V, dan Kadam, V. J. (2010). *Photoacoustic Spectroscopy and Its Applications – A Tutorial Review*. 5(December 2009), 187–203.
- Boré, G., dan Peus, S. (1999). *Microphones: Methods of Operation and Type Examples* (fourth edition), Berlin : Deuck-Centrum Fürst GmbH.
- Brigham, E. O. (1988). *Fast Fourier Transform and Its Applications*, New jersey: Prentice Hall.
- Cheng, B., Lei, J., dan Xiao, H. (2019). A photoacoustic imaging method for in-situ monitoring of laser assisted ceramic additive manufacturing. *Optics and Laser Technology*, 115(January), 459–464.
- Coldren, L. A., Corazine, S. W., dan Masanovic, M. L. (2012). *Diode Lasers and Photonic Integrated Circuits* (Second Edi; K. Chang, Ed.). WILEY.
- Cooley, J. W., Peter, A., Lewis, W., dan Welch, P. D. (1967). *Historical Notes on the Fast Fourier Transform*. 5(10), 1675–1677.
- Darmawan Yoga, M., Mitrayana, dan Ali Joko Wasono, M. (2015). Kinerja Spektroskopi Fotoakustik Laser CO<sub>2</sub> untuk Deteksi Gas Etilen (C<sub>2</sub>H<sub>4</sub>) , Aseton (C<sub>3</sub>HO), Amonia (NH<sub>3</sub>) pada Gas Hembus Perokok. *Jurnal Fisika Indonesia*, 19(57), 35–42.
- Diosi, A., dan Kleeman, L. (2005). *Laser Scan Matching in Polar Coordinates with Application to SLAM*, Victoria: Monash University.
- Elson, J. M., dan Bennett, J. M. (1995). *Calculation of the power spectral density from surface profile data*. 34(1), Massachusetts: Mount Holyoke College.
- Erfanzadeh, M., Kumavor, P. D., dan Zhu, Q. (2018). Photoacoustics Laser scanning laser diode photoacoustic microscopy system. *Biochemical Pharmacology*, 9.
- Erfanzadeh, M., dan Zhu, Q. (2019). Photoacoustics Photoacoustic imaging with low-cost sources ; A review. *Photoacoustics*, 14(December 2018), 1–11.
- Fowles, G. R., dan Cassiday, G. L. (2005). *Analytical Mechanics* (7th editio; H. Rebecca, Ed.). Saunders College.

- Graham Bell, A. (1880). *ART. XXXIV.--On the Production and Reproduction of Sound by Light [Read before the American Association for the Advancement of Science, in Boston, August 27, 1880.]*
- Ilham, N. (2009a). Kebijakan Pengendalian Harga Daging Sapi Nasional. *Analisis Kebijakan Pertanian*, 7(3), 211–221.
- Ilham, N. (2009b). Kelangkaan produksi daging: indikasi dan implikasi kebijakannya. *Analisis Kebijakan Pertanian*, 7(1), 43–63.
- Jelly, W. M. (2014). Pengukuran konsentrasi gas etilen produksi buah apel selama masa pematangan menggunakan detektor fotoakustik. *Tesis*. Sanata Dharma University.
- Kurniawan, E., Widyaningrum, R., dan Mitrayana. (2017). Sistem Fotoakustik Sederhana Berbasis Laser Dioda dan Mikrofon Condenser untuk Pengukuran Konsentrasi Darah. *Risalah Fisika*, 1(1), 47–51.
- Li, M., Tang, Y., dan Yao, J. (2018). Photoacoustic tomography of blood oxygenation : A mini review. *Photoacoustics*, 10(December 2017), 65–73.
- Matua, G., Widodo, T. W., dan Mitrayana. (2017). *Penerapan Sistem Kendali XY-Stage dan Modulasi Laser Pada Tomografi Fotoakustik Menggunakan Arduino*. 7(2), 149–160.
- McRoberts, M. (2010). *Beginning Arduino* (second edition). Berkeley, CA : Apress.
- Meng, L., Deschaume, O., Larbanoix, L., Fron, E., Bartic, C., Laurent, S., ... Glorieux, C. (2019). Photoacoustic temperature imaging based on multi-wavelength excitation. *Photoacoustics*, 13(November 2018), 33–45.
- Merthayasa, J. D., Suada, I. K., dan Agustina, K. K. (2015). Daya Ikat Air , pH , Warna , Bau dan Tekstur Daging Sapi Bali dan Daging Wagyu. *Indonesia Medicus Veterinus*, 4(1), 16–24.
- Michaelian, K. H., Frogley, M. D., Kelley, C. S., Pedersen, T., dan May, T. E. (2018). Infrared Physics dan Technology Micro-photoacoustic infrared spectroscopy. *Infrared Physics and Technology*, 93(July), 240–246.
- Miklós, A., dan Hess, P. (2000). Peer Reviewed: Modulated and Pulsed Photoacoustics in Trace Gas Analysis. *Analytical Chemistry*, 72(1), 30 A-37 A.
- Miklós, A., Schäfer, S., dan Hess, P. (1999). Photoacoustic Spectroscopy, Theory. *Photoacoustic Spectroscopy, Theory*, 1815–1822.
- Moore, C., Bai, Y., Hariri, A., Sanchez, J. B., Lin, C. Y., Koka, S., ... Jokerst, J. V. (2018). Photoacoustic imaging for monitoring periodontal health: A first human study. *Photoacoustics*, 12(October), 67–74.

- Oktariawan, I., Martinus, dan Sugiyanto. (2013). Pembuatan Sistem Otomasi Dispenser Menggunakan Mikrokontroler Arduino Mega 2560. *Jurnal FEMA*, 1(2), 18–24.
- Pospiech, M., dan Liu, S. (2004). *Laser Diodes an Introduction*, Germany: University of Hannover.
- Press, W. H., Vetterling, W. T., Teukolsky, S. A., dan Flannery, B. P. (1992). *Numerical Recipes in C The Art of Scientific Computing*.
- Publikasi Statistik Indonesia. (2017). *Rata-Rata Konsumsi per Kapita Seminggu Beberapa Macam Bahan Makanan Penting, 2007-2017* (p. 1).
- Stoica, P., dan Moses, R. (2005). *Spectral Analysis of Signal*, New jersey: Prentice Hall.
- Svelto, O. (2010). *Principles of Lasers* (Fifth Edition), Milan: Polytechnic Institute of Milan and National research Council.
- Tsunoi, Y., Araki, K., Ozeki, E., Hara, I., dan Shiotani, A. (2019). Photodiagnosis and Photodynamic Therapy Photoacoustic diagnosis of pharmacokinetics and vascular shutdown effects in photodynamic treatment with indocyanine green-lactosome for a subcutaneous tumor in mice. *Photodiagnosis and Photodynamic Therapy*, 26(April), 436–441.
- Wakerly, J. F. (1999). *Digital design: Principles and practices* (Third edition), Upper Saddle River: Prentice Hall.
- Wang, Y., Xie, X., Wang, X., Ku, G., Gill, K. L., O’Neal, D. P., ... Wang, L. V. (2004). Photoacoustic tomography of a nanoshell contrast agent in the in vivo rat brain. *Nano Letters*, 4(9), 1689–1692.
- Wong, Y. H., Thomas, R. L., Pouch, J. J., Wong, Y. H., Thomas, R. L., dan Pouch, J. J. (1992). *Subsurface structures of solids by scanning photoacoustic microscopy*. *Subsurface structures of solids by scanning photoacoustic microscopy*. 368(1979), 1978–1980.
- Xin, H., Li, H., Gates, R. S., dan Overhults, D. G. (2009). Use of CO<sub>2</sub> Concentration Difference or CO<sub>2</sub> Balance to Assess Ventilation Rate of Broiler Houses. *Transactions of the American Society of Agricultural and Biological Engineers*, 52(4)(0001–2351), 1353–1361.
- Xu, M., dan Wang, L. V. (2006). *Photoacoustic imaging in biomedicine*. 041101(April 2006).
- Yoo, J. M., Yun, C., Bui, N. Q., Oh, J., dan Nam, S. Y. (2019). *Photoacoustic Monitoring of the Viability of Mesenchymal Stem Cells Labeled with Indocyanine Green*. 40, 45–50.
- Zharov, V. P., dan Letokhov, V. S. (1986). *Laser Optoacoustic Spectroscopy*.