# DAFTAR PUSTAKA

Ağca, C. (2016). *Hydrogen production from formaldehyde*. Middle East Technical University.

Asadi, K., Suresh, A. K., Ender, A., Gotad, S., Maniyar, S., Anand, S., Noghabaei, M., Han, K., Lobaton, E., & Wu, T. (2020). An integrated UGV-UAV system for construction site data collection. *Automation in Construction*, *112*, 103068.

Bageshwar, D. v, Pawar, A. S., Khanvilkar, V. v, & Kadam, V. J. (2017). Photoacoustic spectroscopy and its applications–a tutorial review. *Eurasian Journal of Analytical Chemistry*, *5*(2), 187–203.

Ballou, G. (2009). *Electroacoustic devices: microphones and loudspeakers*. Taylor & Francis.

Bell, A. G. (1881). On the production and reproduction of sound by light. *Proc. Am. Assoc. Adv. Sci.*, *29*, 115–136.

Cahyadi, W. (2012). Analisis dan Aspek Kesehatan Bahan Tambahan Pangan, Edisi II, Bumi Aksara. *Jakarta. Indonesia*.

Cihelka, J., Matulková, I., & Civiš, S. (2009). Laser diode photoacoustic and FTIR laser spectroscopy of formaldehyde in the 2.3 μm and 3.5 μm spectral range. *Journal of Molecular Spectroscopy*, *256*(1), 68–74.

de Cezaro, A., de Cezaro, F. T., & Suarez, J. S. (2015). Regularization approaches for quantitative photoacoustic tomography using the radiative transfer equation. *Journal of Mathematical Analysis and Applications*, *429*(1), 415–438.

Efriansyah. (2021). Perancangan Alat Pendeteksi Kandungan Formalin Pada Ikan Berbasis Mikrokontroler. *Jurnal Mosfet*, *1*(2), 1–4.

El-Sharkawy, Y. H., & el Sherif, A. F. (2012). Photoacoustic diagnosis of human teeth using interferometric detection scheme. *Optics & Laser Technology*, *44*(5), 1501–1506.

Erfanzadeh, M., Kumavor, P. D., & Zhu, Q. (2018). Laser scanning laser diode photoacoustic microscopy system. *Photoacoustics*, *9*, 1–9. https://doi.org/10.1016/j.pacs.2017.10.001

Ezsanita, S. (2021). Universitas Islam Negeri Alauddin Makassar 2021. *VARIASI PH DAN LAMA PERENDAMAN BELIMBING WULUH (Averrhoa Bilimbi L.) TERHADAP REDUKSI FORMALIN PADA IKAN ASIN SKRIPSI*, *Cmc*, 21–22. repositori.uin-alauddin.ac.id

Fowles, G. R., & Cassiday, G. L. (2005). *Analytical mechanics 7th Ed (Belmont: Thomson Brooks/Cole)*.

Gustiani, M. (2020). Uji kandungan formalin pada ikan laut yang di jual di pasar tradisional kota jambi. *Skripsi*.

Handayani, T., & Mutiara, S. (2020). Pemeriksaan Kandungan Zat Kimia Formalin Pada Bakso Ikan Dan Tahu. *Jurnal Katalisator*, *5*(1), 81. https://doi.org/10.22216/jk.v5i1.4839

Hu, S., & Wang, L. v. (2010). Photoacoustic imaging and characterization of the microvasculature. *Journal of Biomedical Optics*, *15*(1), 11101.

Kolkman, R. G. M., Steenbergen, W., & van Leeuwen, T. G. (2006). In vivo photoacoustic imaging of blood vessels with a pulsed laser diode. *Lasers in Medical Science*, *21*(3), 134–139.

Kristanto, W. B. R. (2018). *Karakterisasi Sistem Citra Tomografi Fotoakustik Dan Aplikasinya Untuk Deteksi Daging Ayam Berformalin*. Universitas Gadjah Mada.

McRoberts, M. (2011). *Beginning Arduino*. Apress.

McRoberts, M. (2013). *Beginning Arduino*. Apress.

MIYOSI, H. (2018). *SISTEM CITRA FOTOAKUSTIK SEDERHANA BERBASIS LASER DIODA DAN MIKROFON CONDENSER*. Universitas Gadjah Mada.

Moznuzzaman, M., Islam, M. R., & Khan, I. (2021). Effect of layer thickness variation on sensitivity: An SPR based sensor for formalin detection. *Sensing and Bio-Sensing Research*, *32*(January), 100419. https://doi.org/10.1016/j.sbsr.2021.100419

Parengkuan, C., Kilis, H., Paat, V., & Tumbel, S. (2022). Identifikasi Kandungan Formalin Pada Mie Basah Yang Beredar Di Pasar Beriman Kota Tomohon. *Biofarmasetikal Tropis*, *5*(1), 1–5. https://doi.org/10.55724/jbiofartrop.v5i1.208

Prakoso, P. G. (2021). *Karakterisasi Sistem Citra Tomografi Fotoakustik Dan Aplikasinya Untuk Deteksi Kikil Berformalin*. Universitas Gadjah Mada.

Rahmaningrum, N., Rakhmadi, F. A., & Fajriati, I. (2020). Analisis Tahu Terkontaminasi Formalin Menggunakan Sistem Spektroskopi Fluoresensi Berbasis High Power Uv-Led. *Sunan Kalijaga Journal of Physics*, *2*(1), 29–33.

Riley, K. F., Hobson, M. P., & Bence, S. J. (2006). *Mathematical Methods for Physics and Engineering: A Comprehensive Guide* (3rd ed.). Cambridge University Press. https://doi.org/10.1017/CBO9780511810763

Suseno, D. (2021). Validasi Metode Analisis Formalin dan Aplikasinya Pada Ikan Asin Validation of Formalin Analysis Method and I t's Application in Salted Fish Dedy Suseno. *Jurnal Agroindustri Halal*, *7*(1), 173–182.

Wakerly, J. F. (2008). *Digital Design: Principles And Practices, 4/E*. Pearson Education India.

Welch, A. J., van Gemert, M. J. C., & others. (2011). *Optical-thermal response of laser-irradiated tissue* (Vol. 2). Springer.

Xia, J., Yao, J., & Wang, L. v. (2014). Photoacoustic tomography: Principles and advances. *Progress in Electromagnetics Research*, *147*, 1–22. https://doi.org/10.2528/PIER14032303

Xin, H., Li, H., Gates, R. S., Overhults, D. G., & Earnest Jr, J. W. (2009). Use of $CO_2$ concentration difference or $CO_2$ balance to assess ventilation rate of broiler houses. *Transactions of the ASABE*, *52*(4), 1353.

Xu, M., & Wang, L. v. (2006). Photoacoustic imaging in biomedicine. *Review of Scientific Instruments*, *77*(4), 41101.

Yao, J., & Wang, L. v. (2011). Photoacoustic tomography: fundamentals, advances and prospects. *Contrast Media & Molecular Imaging*, *6*(5), 332–345.

Yudhanti, R. P. (2014). *Deteksi Penggunaan Formalin Pada Daging Ayam Di Pasar Tradisional, Pasar Swalayan Dan Pedagang Keliling Di Kota Yogyakarta*. Universitas Gadjah Mada.

Zamari, N. T. (2014). *Analisis perbandingan rangkaian transimpedansi amplifier ganda dan rangkaian fotokonduktif ganda untuk sensor weight in motion berbasis serat optik*.

Zhang, Y., Wang, Y., & Zhang, C. (2012). Total variation based gradient descent algorithm for sparse-view photoacoustic image reconstruction. *Ultrasonics*, *52*(8), 1046–1055.

Zhu, Y., Feng, T., Cheng, Q., Wang, X., Du, S., & Sato, N. (2020). Towards Clinical Translation of LED-Based. *Sensors*, 1–26.