

DAFTAR PUSTAKA

- Adji, D., Susanty, A., dan Tafsin, M. (2021). ANALISIS KUALITAS DAGING AYAM BROILER ASAL PASAR SWALAYAN DAN PASAR TRADISIONAL DI KOTA MEDAN SUMATERA UTARA. *Jurnal Sain Veteriner*, 39(3), 224. <https://doi.org/10.22146/jsv.54354>
- Amalia, L. K. (2021). Karakterisasi Kinerja Sistem Pencitraan Fotoakustik dan Aplikasinya untuk Pencitraan Daging Sapi sesuai dengan Variasi Suhu Penyimpanan. In *Universitas Gadjah Mada*.
- Anwar, C., Irmayanti, I., dan Ambartiasari, G. (2022). Pengaruh Lama Pengeringan terhadap Rendemen, Kadar Air, dan Organoleptik Dendeng Sayat Daging Ayam. *Jurnal Peternakan Sriwijaya*, 10(2), 29–38. <https://doi.org/10.36706/jps.10.2.2021.15730>
- Arduino. (2018). *Arduino*. <https://www.arduino.cc/>
- Bageshwar, D. V., Pawar, A. S., Khanvilkar, V. V., dan Kadam, V. J. (2010). Photoacoustic Spectroscopy and Its Applications – A Tutorial Review. *Eurasian Journal of Analytical Chemistry*, 2, 187–203. <http://www.eurasianjournals.com/index.php/ejac/article/view/290>
- Boré, G., dan Peus, S. (1999). *Microphones Methods of Operation and Type Examples*. Druck-Centrum Fürst GmbH.
- Bowen, T., Nasoni, R. L., Pifer, A. E., dan Sembroski, G. H. (1981). Some Experimental Results on the Thermoacoustic Imaging of Tissue Equivalent Phantom Materials. In *Applied Physics Letters*. <https://doi.org/10.1109/ultsym.1981.197738>
- BPS. (2023) *Rata-Rata Konsumsi per Kapita Seminggu Beberapa Macam Bahan Makanan Penting, 2007-2023*.
- Chamim, A. N. N. (2010). Penggunaan Microcontroller sebagai Pendeteksi Posisi dengan Menggunakan Sinyal GSM. *Jurnal Informatika*, 4(1), 430–439.
- Chen, J. Y., Hsu, Y. C., Lee, S. S., Mukherjee, T., dan Fedder, G. K. (2008). Modeling and simulation of a condenser microphone. *Sensors and Actuators, A: Physical*, 145–146(1–2), 224–230.

<https://doi.org/10.1016/j.sna.2007.12.011>

- Chen, Q. X., Davies, A., Dewhurst, R. J., dan Payne, P. A. (1993). Photo-acoustic probe for intra-arterial imaging and therapy. *Electronics Letters*, 29(18), 1632–1633. <https://doi.org/10.1049/el:19931087>
- Ciaudelli, J., dan Schmitt, V. (2009). Electroacoustic Devices: Microphones and Loudspeakers. In *Electroacoustic Devices*. <http://www.sciencedirect.com/science/article/pii/B978024081267000003X>
- De Montigny, E. (2017). Photoacoustic Tomography: Principles and applications. *Photoacoustic imaging*, 49, 473–479. <https://www.researchgate.net/publication/228517023>
- El-Sharkawy, Y. H., dan El Sherif, A. F. (2012). Photoacoustic diagnosis of human teeth using interferometric detection scheme. *Optics and Laser Technology*, 44(5), 1501–1506. <https://doi.org/10.1016/j.optlastec.2011.12.009>
- El-Sharkawy, Y. H., dan ElSherif, A. F. (2011). Laser ultrasound characterization of normal and decayed teeth by measuring elastic properties of surface layers. In E. D. Jansen dan R. J. Thomas (Ed.), *Optical Interactions with Tissue and Cells XXII* (Vol. 7897, hal. 78971K). SPIE. <https://doi.org/10.1117/12.868322>
- Erfanzadeh, M., Kumavor, P. D., dan Zhu, Q. (2018). Laser scanning laser diode photoacoustic microscopy system. *Photoacoustics*, 9, 1–9. <https://doi.org/10.1016/j.pacs.2017.10.001>
- Food Dehydrator/Mesin Pengering Makanan*. (n.d.). Diambil 27 Maret 2024, dari <https://ramesia.com/harga-mesin/mesin-makanan/food-dehydrator/>
- Food Dehydrator ARD-PM99*. (n.d.). Diambil 27 Maret 2024, dari <https://www.maksindo.com/product/food-dehydrator-ard-pm99>
- Fowles, G. R., dan Cassiday, G. L. (2005). *Analytical Mechanics Seventh Edition*. Brooks/Cole.
- Hanif, L. N. (2020). Karakterisasi Sistem Citra Tomografi Fotoakustik Berbasis Laser Dioda dan Mikrofon Condenser dan Aplikasinya untuk Membedakan Hati Sehat dan Hati Terinfeksi Cacing. In *Universitas Gadjah Mada*.
- Hariri, A., Fatima, A., Mohammadian, N., Bely, N., dan Nasirivanaki, M. (2016). Towards low cost photoacoustic Microscopy system for evaluation of skin

- health. *Imaging Spectrometry* XXI, 9976, 99760X.
<https://doi.org/10.1117/12.2238423>
- Hutt, D. L., Snell, K. J., dan Belanger, P. A. (1993). Alexander Graham Bell's PHOTOPHONE. In *Optics and Photonics News* (Vol. 4, Nomor 6).
<https://doi.org/10.1364/opn.4.6.000020>
- Ismailov, A. S., dan Jo'rayev, Z. B. (2022). Study of arduino microcontroller board. "Science and Education" *Scientific Journal*, 3(3), 172–179.
www.openscience.uz
- Jansen, K., Van Soest, G., dan van der Steen, A. F. W. (2014). Intravascular photoacoustic imaging: A new tool for vulnerable plaque identification. In *Ultrasound in Medicine and Biology* (Vol. 40, Nomor 6, hal. 1037–1048). Elsevier Inc. <https://doi.org/10.1016/j.ultrasmedbio.2014.01.008>
- Junaedi, A., Puspitasari, M. D. M., dan Maulidina, M. (2021). PENGARUH (INTENSOR) INDUKTOR HEATER MENGGUNAKAN THERMAL SENSOR BERBASIS MIKROKONTROLER ARDUINO NANO DALAM MENGOLAH LOGAM. *Nusantara of Engineering (NOE)*, 4(2), 169–175.
<https://doi.org/10.29407/noe.v4i2.16754>
- Kim, G. R., Kang, J., Kwak, J. Y., Chang, J. H., Kim, S. Il, Youk, J. H., Moon, H. J., Kim, M. J., dan Kim, E. K. (2014). Photoacoustic imaging of breast microcalcifications: A preliminary study with 8-gauge core-biopsied breast specimens. *PLoS ONE*, 9(8). <https://doi.org/10.1371/journal.pone.0105878>
- Kolkman, R. G. M., Steenbergen, W., dan 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. <https://doi.org/10.1007/s10103-006-0384-z>
- Matua, G., Wahyu Widodo, T., dan Mitrayana. (2017). Penerapan Sistem Kendali XY-Stage dan Modulasi Laser Pada Tomografi Fotoakustik Menggunakan Arduino. *IJEIS*, 7(2), 149–160.
- Mead, G. C. (2004). *Poultry meat processing and quality*. CRC Press.
<https://doi.org/10.1533/9781855739031>
- Miklos, A., dan Hess, P. (2000). Modulated and pulsed photoacoustics in trace gas analysis. *Analytical Chemistry*, 72(1).

- Miklós, A., Schäfer, S., dan Hess, P. (1999). Photoacoustic Spectroscopy, Theory*. *Encyclopedia of Spectroscopy and Spectrometry*, 2151–2158. <https://doi.org/10.1016/B978-0-12-374413-5.00360-2>
- Mitrayana, Kurniawan, E., dan Widyaningrum, R. (2017). Sistem Fotoakustik Sederhana Berbasis Laser Dioda dan Mikrofon Condenser untuk Pengukuran Konsentrasi Darah. *Risalah Fisika*, 1(2), 47–51. <https://doi.org/10.35895/rf.v1i2.63>
- Mitrayana, M. Ali Joko, W., dan M. Robikhul, I. (2017). *Spektroskopi Fotoakustik Laser dan Aplikasinya* (Vol. 1, Nomor 1). UGM Press. <https://ugmpress.ugm.ac.id/userfiles/product/Spektroskopi-fotoakustik-laser.png>
- Nurdialit, D. G. (2020). Sistem Fotoakustik Tomografi untuk Pencitraan Jaringan Biologi. In *Universitas Gadjah Mada*.
- Petracci, M., Mudalal, S., Babini, E., dan Cavani, C. (2014). Effect of white striping on chemical composition and nutritional value of chicken breast meat. *Italian Journal of Animal Science*, 13(1), 179–183. <https://doi.org/10.4081/ijas.2014.3138>
- Prayitno, S., Guntoro, dan Utami, S. S. (2019). Jenis Alat Dan Lama Pengeringan Terhadap Kualitas Mutu Pada Pembuatan Teh Cascara Kopi. *Seminar Nasional Hasil Pengabdian Masyarakat dan Penelitian Pranata Laboratorium Pendidikan Politeknik Negeri Jember*, 321–324.
- Ramadani, D. N., Maimunah, A. H., Abdilah, F. F., Dinnar, A., dan Purnamasari, L. (2021). Efektivitas Pemberian Bawang Putih untuk Pengawetan Daging Ayam. *Jurnal Peternakan Indonesia (Indonesian Journal of Animal Science)*, 23(3), 230. <https://doi.org/10.25077/jpi.23.3.230-234.2021>
- Scheps, R. (2002). Introduction to Laser Diode-Pumped Solid State Lasers. In *Introduction to Laser Diode-Pumped Solid State Lasers*. SPIE. <https://doi.org/10.1117/3.2279412>
- Shimoda, K. (1986). Introduction to Laser Physics. In *Annals of the New York Academy of Sciences* (Vol. 44, Nomor 3). Springer Berlin Heidelberg. <https://doi.org/10.1007/978-3-540-38954-5>

- Silalahi, H. M. (2017). Sistem Citra Fotoakustik Sederhana Berbasis Laser Dioda Dan Mikrofon Condenser. In *Gadjah Mada University* (Vol. 2, Nomor 2). lib.unnes.ac.id/6871/1/8479.pdf<http://www.albayan.ac>
- Sinarta, F. A. (2021). Karakterisasi Sistem Citra Tomografi Fotoakustik dan Aplikasinya untuk Pendeteksian Proses Pengeringan Udang Windu (*Penaeus Monodon*). In *Universitas Gadjah Mada*.
- Svelto, O. (2010). *Principles of Lasers* (Vol. 19, Nomor 4). Springer US. <https://doi.org/10.1007/978-1-4419-1302-9>
- Wakerly, J. F. (2006). *Digital design: Principles and Practices*. Prentice Hall.
- Wang, L. V., dan Hu, S. (2012). Photoacoustic tomography: In vivo imaging from organelles to organs. *Science*, 335(6075), 1458–1462. <https://doi.org/10.1126/science.1216210>
- Wang, L. V., dan Wu, H. (2009). Biomedical Optics. In *Biomedical Optics*. Wiley. <https://doi.org/10.1002/9780470177013>
- Wang, X., Pang, Y., Xu, M., dan Wang, L. V. (2002). Photoacoustic imaging of biological tissues with high cross-section resolution. *Annual International Conference of the IEEE Engineering in Medicine and Biology - Proceedings*, 3, 2310–2311. <https://doi.org/10.1109/iembs.2002.1053297>
- Wibowo, C. H., Wahjuningsih, S. B., dan Sari, A. R. (2021). Penyuluhan Kriteria Daging Ayam Yang Sehat Dan Berkualitas Pada Kelompok Ibu-Ibu Pkk Rt 02 Rw 08 Kelurahan Tlogosari Kulon, Semarang. *Jurnal Tematik*, 3(1), 91–98. <https://journals.usm.ac.id/index.php/tematik>
- Wong, Y. H., Thomas, R. L., dan Pouch, J. J. (1979). Subsurface structures of solids by scanning photoacoustic microscopy. *Applied Physics Letters*, 35(5), 368–369. <https://doi.org/10.1063/1.91153>
- Xin, H., Li, H., Burns, R. T., Gates, R. S., Overhults, D. G., dan Earnest, J. W. (2009). Use of CO₂ Concentration Difference or CO₂ Balance to Assess Ventilation Rate of Broiler Houses. *Transactions of the ASABE*, 52(4), 1353–1361. <https://doi.org/10.13031/2013.27787>
- Xu, M., dan Wang, L. V. (2006). Photoacoustic imaging in biomedicine. In *Review of Scientific Instruments* (Vol. 77, Nomor 4).

<https://doi.org/10.1063/1.2195024>

Yao, J., dan Wang, L. V. (2013). Photoacoustic microscopy. *Laser and Photonics Reviews*, 7(5), 758–778. <https://doi.org/10.1002/lpor.201200060>

Yao, J., dan Wang, L. V. (2014). Sensitivity of photoacoustic microscopy. *Photoacoustics*, 2(2), 87–101. <https://doi.org/10.1016/j.pacs.2014.04.002>