

## DAFTAR PUSTAKA

- Alauhdin, M., Eden, W.T. and Alighiri, D., 2015, 'Aplikasi Spektroskopi Inframerah untuk Analisis Tanaman dan Obat Herbal', *Jurnal Inovasi Sains dan Kesehatan*, pp. 84–118. doi: <https://doi.org/10.15294/v0i0.15>
- Al-Nimry, S., Dayah, A.A., Hasan, I., and Rawand, D., 2021, 'Cosmetic, Biomedical and Pharmaceutical Applications of Fish Gelatin/Hydrolysates', *Marine Drugs*, 19(3). Available at: <https://doi.org/10.3390/MD19030145>.
- Asmiati, E., Atmadani, R.N., Damayanti, F.D. and Setiawan, R.A., 2021, 'Edukasi Pentingnya Penggunaan Sunscreen pada Kalangan Remaja di SMA Islam Sabilillah Malang' *Jurnal Pengabdian UNDIKMA: Jurnal Hasil Pengabdian & Pemberdayaan kepada Masyarakat*, 2(2), pp.189-194. doi: <https://doi.org/10.33394/jpu.v2i2.4135>
- Cebi, N., Durak, M.Z., Toker, O.S., Sagdic, Osman., and Arici, Muhammet., 2016, 'An evaluation of Fourier transforms infrared spectroscopy method for the classification and discrimination of bovine, porcine and fish gelatins'. *pubmed.ncbi.nlm.nih.gov*, <https://doi.org/10.1016/j.foodchem.2015.06.065>
- Fitri, A. A., 2022, 'Studi Pengujian Gugus Fungsi (FTIR) Biopolimer Dari Kulit Singkong Untuk Meningkatkan Viskositas Air Formasi Sebagai Bahan Alternatif Dalam Mengatasi Water Coning', *Skripsi*, Program Studi Teknik Perminyakan, Universitas Islam Riau, Pekanbaru.
- Gasparrini, M., Forbes-Hernandez, T. Y., Afrin, S., Reboredo-Rodriguez, P., Cianciosi, D., Mezzetti, B., Quiles, J. L., Bompadre, S., Battino, M., & Giampieri, F., 2017, 'Strawberrybased cosmetic formulations protect human dermal fibroblasts against UVA-induced damage' *Nutrients*, 9(6), 2–15. <https://doi.org/10.3390/nu9060605>
- Gontijo, L. C., Guimarães, E., Mitsutake, H., De Santana, F. B., Santos, D. Q., & Neto, W. B., 2014, 'Development and validation of PLS models for quantification of biodiesels content from waste frying oil in diesel by HATR-MIR', *Revista Virtual de Quimica*, 6(5): 1517–1528. doi: <https://doi.org/10.5935/1984-6835.20140098>
- Hasan, Haslinda., 2016, 'A Study On Awareness And Perception Towards Halal Foods Among Muslim Students In Kota Kinabalu, Sabah' *Proceedings of the Australia-Middle East Conference on Business and Social Sciences 2016*, Dubai (in partnership with The Journal of Developing Areas, Tennessee State University, USA).
- Hamid, A. H., Ahmad Fadzillah, N., Abdullah Sani, M. S., Muhammad, N. W. F., Othman, R., & Rohman, A., 2019, 'Discrimination of porcine and bovine gelatines based on reducing sugar types on maillard reaction' *Food Research*, 4(2), 301–306. doi: [https://doi.org/10.26656/fr.2017.4\(2\).297](https://doi.org/10.26656/fr.2017.4(2).297)
- He, hailun., Anqi, Li., Shiqin, Li., Jie, Tang., Li, Li., 2021, 'Natural components in sunscreens: Topical formulations with sun protection

- factor (SPF)', *Biomedicine and Pharmacotherapy*, 134(October 2020). Available at: <https://doi.org/10.1016/j.biopha.2020.111161>.
- Inayah, A., 2018, 'Analisis Kemometrik Menggunakan LDA (Linear Discriminant Analysis) dan PLS (Partial Least Square) dari Sampel Minyak Babi dan Minyak Sawit Berbasis Data FTIR' Skripsi, Fakultas Sains dan Teknologi Universitas Islam Negeri Maulana Malik Ibrahim, Malang
- Istiqlaal, S., 2018, 'Characteristics of Gelatin Produced Immersion of Tuna Bone in Lontar Vinegar from East Nusa Tenggara', *Jurnal Pengolahan Hasil Perikanan Indonesia*, 21(3), 443. doi:<https://doi.org/10.17844/jphpi.v21i3.24716>
- Jeevithan, E., Bao, B., Bu, Y., Zhou, Y., Zhao, Q., & Wu, W., 2014, 'Type II Collagen and Gelatin from Silvertip Shark (*Carcharhinus albimarginatus*) Cartilage: Isolation, Purification, Physicochemical and Antioxidant Properties' *Marine Drugs*, 12, 3852–3873. doi: <https://doi.org/10.3390/md12073852>
- Lopez, A.L., Penaloza, A.M., Juarez, V.M.M., Torres, A.P., Zeugolis, D.I., and Alvarez, G.A, 2019, 'Hydrolyzed Collagen-Sources and Applications', *PubMed*. doi: <https://doi.org/10.3390/molecules24224031>
- Lorenza, P. N. F. P., Pandhita, A. K., Mahemba, D. N. R. P., Pede, A. P. N., Seran, T. D. G., Setyaningsih, D., & Riswanto, F. D. O. 2021. Review: Pemanfaatan Teknik Kemometrika Pengenalan Pola Pada Analisis Kuantitatif Senyawa Obat Kombinasi Tanpa Tahap Pemisahan' *MPI (Media Pharmaceutica Indonesiana)*, 3(4), 253–267. <https://doi.org/10.24123/mpj.v3i4.4719>
- Maulidiyah, N., Santoso, H. and Syauqi, A. 2020 'Analisis Perbandingan Kadar Protein Telur Itik (Khaki campbell) Sebelum dan Sesudah Perendaman dengan Jeruk Nipis (*Citrus aurantifolia*) pada Pengasinan', *Jurnal SAINS ALAMI (Known Nature)*, 2(2), pp. 14–21. Available at: <https://doi.org/10.33474/j.sa.v2i2.3524>
- Meilina, R., Dewi, R., Kesumawati., Kulla, P.D.K., and Rezeki, S., 2023, 'Formulasi Sediaan Tabir Surya Ekstrak Daun Seledri (*Apium graveolens* L.) Sunscreen Preparation Formulation *Apium graveolens* L. Leaf Extract', *Journal of Healthcare Technology and Medicine*, 9(1), pp. 2615–109.
- Musafar Hameed, L. B., and Abdullah, M., 2015, 'World Academic and Research Congress 2015' (World-AR 2015) ArRahim Hall, YARSI University, Jakarta, Indonesia, 9th – 10th December 2015, World Academic and Research Congress, 2015(December), 207–214.
- Minerva, P., 2019, 'Penggunaan Tabir Surya Bagi Kesehatan Kulit', *Jurnal Pendidikan Dan Keluarga*, 11(1), p. 87. Available at: <https://doi.org/10.24036/jpk/vol11-iss1/619>
- Natoen, A., Sopiyan, AR., Satriawan, I., and Periansya., 2018, 'Faktor-Faktor Demografi Yang Berdampak Terhadap Kepatuhan Wajib Pajak Badan

- (UMKM) Di Kota Palembang’, *Jurnal Riset Terapan Akuntansi*, 2(2), pp. 101–115. doi: <https://doi.org/10.5281/zenodo.3839943>
- Noor, Lina Yusrina., 2018, ‘Deteksi Kontaminan Babi Pada Produk Kernet Sapi Menggunakan Spektroskopi Fourier Transform Infrared (Ftir) Dan Kemometrik’. Bachelor thesis, Universitas Muhammadiyah Purwokerto. <https://repository.ump.ac.id:80/id/eprint/10369>
- Pavia, D.L., Lampman, G.M., Kriz, G.S., and Vyvyan, J.R., 2009, ‘Introduction to Spectroscopy’ Fourth Edition’ Department of Chemistry, Western Washington University, Bellingham, Washington.
- Putri, Y.D., Kartamihardja, H. and Lisna, I., 2019, ‘Formulasi dan Evaluasi Losion Tabir Surya Ekstrak Daun Stevia (*Stevia rebaudiana Bertoni M*)’, 6(1), pp. 32–36. doi: <https://doi.org/10.25077/jsfk.6.1.32-36.2019>
- Rafifasha, Tamira Naila., 2022, ‘Persepsi dan Preferensi Konsumen Kosmetik Halal’, *Bandung Conference Series: Economics Studies*, 2(2). Available at: <https://doi.org/10.29313/bceses.v2i2.4643>
- Rahayuningsih, E. and Ghozali, M.L., 2021, ‘Halal Product Certification in Masalah Mursalah Perspective’, *Jurnal Ilmiah Ekonomi Islam*, 7(1), pp. 135–145.
- Rahmawati, A., Kuswandi, B. and Retnaningtyas, Y., 2015, ‘Deteksi Gelatin Babi pada Sampel Permen Lunak Jelly Menggunakan Metode Fourier Transform Infra Red (FTIR) dan Kemometrik’, *e-Jurnal Pustaka Kesehatan*, 3(2), pp. 278–283. doi: <https://jurnal.unej.ac.id/index.php/JPK/article/view/2586>
- Ratnasari, D., Septiani, D. and Rahmawati, D.S., 2023, ‘Formulasi Dan Pengujian Nilai Spf Losion Ekstrak Etanol Batang Cendana ( Santalum Album L .)’, 3, pp. 7816–7834. doi: <https://doi.org/10.31004/innovative.v3i4.4542>
- Rohman, A., Ghazali, M.A.B., Windarsih, A., Irnawati., Riyanto, S., Yusof, F.M., and Mustafa, S., 2020, ‘Comprehensive Review on Application of FTIR Spectroscopy Coupled with Chemometrics for Authentication Analysis of Fats and Oils in the Food Products’, *Molecules*, 25(5485), pp. 1–28. doi: <https://doi.org/10.3390/molecules25225485>
- Rohman, A., 2014, ‘Spektroskopi Inframerah dan Kemometrika untuk Analisis Farmasi’, *Pustaka Pelajar*, Yogyakarta.
- Ruby, R., Figueroa., 2015, ‘Partial Least Square (regression)’. [0.1007/978-3-642-40872-4\\_2000-1](https://doi.org/10.1007/978-3-642-40872-4_2000-1)
- Sahubawa, Latif and Ustadi., 2014, “Teknologi Pengawetan dan Pengolahan Hasil Perikanan”. Yogyakarta: Gadjah Mada University Press
- Salamah, N., Fatmawati, A. and Guntarti, A., 2023, ‘Gelatin Analysis in Local Soft Candy Products using Fourier Transform Infrared (ATR-FTIR) Combined with Chemometrics’, *Jurnal Ilmu Kefarmasian Indonesia*, 21(2), p. 239. Available at: <https://doi.org/10.35814/jifi.v21i2.1486>
- Sanjiwani, N.M.S., Paramitha, D.A.I., and Wibawa, A.A.C, 2020, ‘Pembuatan Hair Tonic Berbahan Dasar Lidah Buaya Dananalisis

- Dengan Fourier Transform Infrared’, *Jurnal Widyadari*, 21(1), pp. 249–262. Available at: <https://doi.org/10.5281/zenodo.3756902>
- Sara, N., 2014, ‘Pengaruh Jenis Bahan Dan Waktu Degreasing Terhadap Kualitas Dan Kuantitas Gelatin Tulang Ayam’. Makassar: Fakultas Peternakan Universitas Hasanuddin.
- Sari, N.W., Fajri, M.Y. and Wilapangga, A., 2018, ‘Analisis Fitokimia dan Gugus Fungsi dari Ekstrak Etanol Pisang Goroho Merah (*Musa acuminata* (L))’, *Ijobb*, 2(1), p. 31. doi: <https://doi.org/10.47007/ijobb.v2i1.26>
- Sopa., 2013, ‘Sertifikasi Halal Mejelis Ulama Indonesia Studi atas Fatwa Halal MUI terhadap Produk Makanan, Obat-obatan dan Kosmetika’ Jakarta: Gaung Persada Press Group.
- Syafiqoh, Fatimah., 2014, ‘Analisis Gelatin Sapi dan Gelatin Babi Pada Produk Cangkang Kapsul Keras Obat dan KCKT’. Skripsi. Jakarta: Fakultas Farmasi Universitas Islam Negeri Syarif Hidayatullah
- Tazwir, T., Ayudiarti, D.L. and Peranginangin, R., 2014, ‘Optimasi Pembuatan Gelatin dari Tulang Ikan Kaci-Kaci (*Plectorhynchus chaetodonoides* Lac.) Menggunakan Berbagai Konsentrasi Asam dan Waktu Ekstraksi’, *Jurnal Pascapanen dan Bioteknologi Kelautan dan Perikanan*, 2(1), p. 35. Available at: <https://doi.org/10.15578/jpbkp.v2i1.26>
- Uddin, S.M.K., Hossai, M.A.M., Sagadevan, S., Amin, M. and Johan, M.R., 2021. ‘Halal and Kosher gelatin: Applications as well as detection approaches with challenges and prospects’ *Food Bioscience*. Volume 44, Part A. Elsevier. doi: <https://doi.org/10.1016/j.fbio.2021.101422>
- Utami, and Wahyu Budi. 2013. ‘Pengaruh Label Halal Terhadap Keputusan Membelian (Survei Pada Pembeli Produk Kosmetik Wardah di Outlet Wardah Griya Muslim An-Nisa Yogyakarta)’. Skripsi. Yogyakarta: Fakultas Ilmu Sosial dan Humaniora UIN Sunan Kalijaga
- Widyastuti, I., Luthfah, h.z., Hartono, Y.I., Islamadina, R., Can, T.A., and Rohman, A., 2021, ‘Antioxidant Activity of Temulawak (*Curcuma xanthorrhiza* Roxb.) and its Classification with Chemometrics’, *Indonesian Journal of Chemometrics and Pharmaceutical Analysis*, 02(1), p. 29. Available at: <https://doi.org/10.22146/ijcpa.507>
- Wulandari, D., and Monica, R.E., 2017, ‘Pembuatan Masker Wajah Peel Off Berbasis Gelatin Dari Sisik Ikan Kakap Merah Dengan Metode Hidrolisis’, pp. 108. doi: <http://repository.its.ac.id/id/eprint/45144>
- Zilhadia, Z., Kusumaningrum, F., Ofa, S.B., and Supandi., 2018, ‘Diferensiasi Gelatin Sapi dan Gelatin Babi pada Gummy Vitamin C Menggunakan Metode Kombinasi Spektroskopi Fourier Transform Infrared (FTIR) dan Principal Component Analysis (PCA)’, *Pharmaceutical Sciences and Research*, 5(2), pp. 90–96. Available at: <https://doi.org/10.7454/psr.v5i2.4013>