

DAFTAR PUSTAKA

- Aprilia, C., Faisal, M. dan Prasetya, F., 2022, Formulasi dan Optimasi Basis Serum Xanthan Gum dengan Variasi Konsentrasi: Formulation and Optimization of Xanthan Gum Serum Base with Variations of Concentration.,15:30-34.
- Athiroh, N., Sulistyowati, E., 2013, *Scurulla In Proceeding of Mulawarman Pharmaceuticals Conferences* atropurpurea increases nitric oxide and decreases malondialdehyde in hypertensive rats, *Universa Medicina*, 32(1)44-50.
- Azimi H., Fallah-Tafti, M., Khaskshur A. A., Abdollahi M., 2012, A review of phytotherapy of acne vulgaris: perspective of new pharmacological treatments, *Fitoterapia*, 83(8):1306-131
- Badan Pengawas Obat dan Makanan, 2019, Peraturan Badan Pengawas Obat dan Makanan Nomor 25 Tahun 2019 Tentang Cara Pembuatan Kosmetika yang Baik,
- Baldwin H. E., 2002, The Interaction Between Acne Vulgaris and the Psyche, *Cutis*, 70:133-9.
- Baliyan, S., Mukherjee, R., Priyadarshini, A., Vibhuti, A., Gupta, A., Pandey, R.P., dan Chang, C.M., 2022, Determination of Antioxidants by DPPH Radical Scavenging Activity and Quantitative Phytochemical Analysis of *Ficus religiosa*, *Molecules*, 27(4):1326.
- Budiasih, S., Masyitah, I., Khan, J., Kaleemullah, M., Samer, A., Asmani, F., *et al.*, 2018, Formulation and Characterization of Cosmetic Serum Containing Argan Oil as Moisturizing Agent, *Science and Technology Publications*, 297-304.
- Chen, S.C., Liu, J.W., Wu, X.Z., Cao, W.L., Wang, F., Huang, J.M., Han, Y., Zhu, X.Y., Zhu, B.Y., Gan, Q., Tang, X.Z., Shen, X., Qin, X.L., Yu, Y.Q., Zheng, H.P., Yin, Y.P., Comparison of Microdilution Method with Agar Dilution Method for Antibiotic Susceptibility Test of *Neisseria gonorrhoeae*, *Infection and Drug Resistance*, 13:1775-1780.
- Dewi C. C. dan Saptarini, N. M., 2016, Review artikel: Hidroksi Propil Metil Selulosa dan Karbomer serta Sifat Fisikokimianya sebagai Gelling Agent, *Farmaka* 14(3):1-10
- DiPiro J.T., Wells B.G., Schwinghammer T.L. and DiPiro C. V., 2015, *Pharmacotherapy Handbook*, Ninth Edition, McGraw-Hill Education. Companies, Inggris.
- Dreno, B., Dagnelie, M. A., Khammari, A., Corvec, S., 2020, The Skin Microbiome: A New Actor in Inflammatory Acne, *American Journal of Clinical Dermatology*, France.
- Elfita, Murahni, Mardiyanto, Fitrya, Fera, F., Widjajanti, H., 2020, Antibacterial activity of traditional medicine *Scurrula atropurpurea* (BL) DANDS and their Endophytic Fungi, *Trans Tech Publications*, Switzerland, 840:205-213
- Ernawati A. S., 2023, *Laporan Penelitian Uji Aktivitas Antioksidan dan Antibakteri Ekstrak Air Benalu Teh (Scurrula atropurpurea) Terhadap Cutibacterium acnes sebagai Agen Antijerawat yang Diformulasi dalam Sediaan Serum: Kajian In Vitro*, Yogyakarta,
- Farmakope Herbal Indonesia, Edisi II, 2017, 55-58, Kementerian Kesehatan Republik Indonesia, Jakarta.

- Fatmawati N., Anwar E., Azizahwati., 2014, Formulasi Serum Penghambat Kerja Tirosinase yang Mengandung Fitosom Ekstrak Biji Lengkeng (*Dimocarpus longan* Lour) Menggunakan Eksipien Koproses Kasein – Xanthan Gum, Fakultas Farmasi UI.
- Figuerola-Robles, A., Antunes-Ricardo, M., Guajardo-Flores, D., 2020, Encapsulation of phenolic compounds with liposomal improvement in the cosmetic industry, *International Journal of Pharmaceutics*, 593(120125)
- Fitria, 2015, *Uji Aktivitas Antibakteri Ekstrak Etanol Daun Pepaya (Carica Papaya) terhadap Propionibacterium acnes*, Politeknik Kesehatan Bandung Jurusan Farmasi, Bandung.
- Forestryana, D., Fahmi, M. S., Putri, N., 2020, Pengaruh Jenis dan Konsentrasi Gelling Agent pada Karakteristik Formula Gel Antiseptik Ekstrak Etanol 70% Kulit Buah Pisang Ambon, Lumbung Farmasi: Jurnal Ilmu Kefarmasian, 1(2):45.
- Grachev, M. A., Annenkov, V. V., Likhoshway, Y. V., 2008, Silicon nanotechnologies of pigmented geterokonts, *BioEssay*, 30(4):328-337
- Hariyadi, P., 2013, Freeze drying technology for better quality & flavor of dried products. *Jurnal Foodreview Indonesia*. Vol. 8(2): 52 – 56
- Heino, A. R., 2012, Natural Cosmetic as an Innovation: Nivea's Pure & Natural products as an example, Turku University for Applied Science, Finlandia.
- Kanitakis, J., 2002, Anatomy, histology and immunohistochemistry of normal human skin, *European Journal of Dermatology*, 12(4):390-9.
- Kardeh, S., Moein, S. A., Namazi, M. R., Kardeh, B., 2019, Evidence for the Important Role of Oxidative Stress in the Pathogenesis of Acne, *Galen Medical Journal*, 8:e1291.
- Kellett SG, Gawkrödger DJ. The psychosocial and emotion impact of acne and the effect of treatment with isotretinoin. *Br J Dermatol*. 1999;140:273-282.
- Kerrouch, H., Zemmes, Y., Frikh, R., Hjira, N., 2023, Acne Scars: Prevalence and Impact on Quality of Life in Moroccan Patients, *Journal of Dermatology Research and Therapy* 9:12
- Kristiningrum, E., 2018, Peranan SOD pada Tatalaksana Akne Vulgaris, *Cerminan Dunia Kedokteran*, Edisi 261, 45(2), 133-136.
- Lattanzio, V., 2013, *Natural product*, Springer-Verlag Berlin Heidelberg, 1543-1580.
- Liandhajani, Fitria, N., Ratu, A. P., 2022, Karakteristik dan Stabilitas da Ekstrak Buah Kersen (*Muntingia calabura* L.) dengan Variasi Konsentrasi, *Jurnal Farmamedika*, 7(1):17-27.
- Lobo, V., Patil, A., Phatak, A., Chandra, N., 2010, Free radicals, antioxidants and functional foods: Impact on human health, *Pharmacognocny Review*, 4(8):118-126
- Luber, P., Bartelt, E., Genchow, E., Wagner, J., Hahn, H., 2003, Comparison of Broth Microdilution, E Test, and Agar dilution Methods for Antibiotics Susceptibility Testing of *Campylobacter jejuni* and *Campylobacter coli*, *Journal of Clinical Microbiology*, 41(3):1062-1068
- Madigan, M. T., Bender, K. S., Buckley, D. H., Sattley, W. M., Stahl, D. A., 2018, *Brock Biology of Microorganisms*, Fifteenth Edition, Pearson Education Limited, New York.
- Malik A. A., Prayudha, J. S., Anggreany, R., Sari, M. W., Walid, A., 2020, Keanekaragaman Hayati Flora dan Fauna di Kawasan Taman Nasional Bukit

- Barisan Selatan (TNBBS) Resort Mertas Bintuhan Kabupaten Kaur, *DIKSAINS: Jurnal Ilmiah Pendidikan Sains*, Bengkulu, 1(1).
- Mayslich, C., Grange, P. A., Dupin, N., 2021, *Cutibacterium acnes* as an Opportunistic Pathogen: An Update of Its Virulence-Associated Factors, *Microorganism*, 9(2):303.
- Molyneux, P., 2004, The User of The Stable Free Radical Diphenylpicryl-hydrazyl (DPPH) for Estimating Antioxidant Activity, *Journal Science and Technology*, Songklanakarin, 26(2):211.
- Murdopo, 2014, *Warta Ekspor: Obat Herbal Tradisional*, Ditjen PEN/MJL/005/9/2014, Edisi September, Kementerian Perdagangan Republik Indonesia, Jakarta.
- National Center for Biotechnology Information, 2023, *PubChem Compound Summary for CID 996, Phenol*, <https://pubchem.ncbi.nlm.nih.gov/compound/Phenol>. Diakses pada 19 Juni 2023 pukul 19:03 WIB
- Nua, F., 2022, Indonesia Diminta Lebih Banyak Lakukan Riset Pengembangan Obat Herbal, *Media Indonesia*, <https://mediaindonesia.com/humaniora/495937/indonesia-diminta-lebih-banyak-lakukan-riset-pengembangan-obat-herbal> diakses pada 12 Juni 2023 pukul 10:33 WIB
- Ojha, S., Sinha, S., Chaudhuri, S. D., Chada, H., Aggarwal, B., Jain, S. M., *et al.*, 2019, Formulation and Evaluation of Face Serum Containing Bee Venom and Aloe vera Gel, *World Journal of Pharmaceutical Research*, 8(2):1100-1105.
- Okayama, Y., 2005, Oxidative Stress in Allergic and Inflammatory Skin Diseases, *Current Drug Targets - Inflammation and Allergy*, 4(4):517-519.
- Ollyvia Z..., Febriyana, N., Damayangi, Ardani, I.G.A.I., Original Research The Association between Acne Vulgaris and Stress among Adolescents in Kenjeran, Surabaya, *Jurnal Psikiatri Surabaya* 10:1
- Osashi, K., Winarno, H., Mukai, M., Inoue, M., Prana, M. S., Simanjuntak, P., Shibuya, H., 2003, Indonesian Medicinal Plants. XXV.1) Cancer Cell Invasion Inhibitory Effects of Chemical Constituents in the Parasitic Plant *Scurrula atropurpurea* (Loranthaceae), *Chemical and Pharmaceutical Bulletin*. 51(3) 343-345.
- Punitha, S., Uvarani, R., Panneerselvam, A., 2020, Effect of pH in Aqueous (Hydroxy Propyl Methyl Cellulose) Polymer Solution, *Result in Materials*, 7:100120
- Prayitno, S. A. and Rahim, A. R., 2020, 'The Comparison of Extracts (Ethanol And Aquos Solvents) *Muntingia calabura* Leaves on Total Phenol, Flavonid And Antioxidant (Ic50) Properties', *Kontribusi (Research Dissemination for Community Development)*, 3(2):319
- Prionggo, W. K. G., 2021, *Hubungan Akne Vulgaris dan Kecemasan Pada Remaja dan Dewasa Muda: Telaah Sistematis*, Fakultas Kedokteran, Kesehatan Masyarakat, dan Keperawatan, Universitas Gadjah Mada
- Prior, R. L., Wu, X., dan Schaich, K., 2005, Standardized methods for the determination of antioxidant capacity and phenolics in foods and dietary supplements, *Journal of Agriculture and Food Chemistry*, 55: 2698A-J.
- Rahmi, M., dan Putri D. H., 2020, Aktivitas Antimikroba DMSO sebagai Pelarut Ekstrak Alami, *Serambi Biologi*, 5(2):56-58
- Rajdev, P. S., Gaikwad, S. D., Somvasnshi, A. A., Gunjal, S. S., 2022, Formulation and Evaluation of Face Serum, *International Journal of Advanced Research in Science, Communication, and Technology*, 2(5):255-259.

- Rizki S. A., Latief M., Fitrianingsih, Rahman, H., 2021, Uji Aktivitas Antibakteri Ekstrak N-Heksan, Etil Asetat dan Etanol Daun Durian (*Durio zibethinus* Linn.) terhadap Bakteri *Propionibacterium acnes* dan *Staphylococcus epidermidis*, *Jamhesic*, 442-457
- Sari, Z. A. A. dan Febriawan, R., 2021, Perbedaan Hasil Uji Aktivitas Antibakteri Metode Well Diffusion dan Kirby-Bauer Terhadap Pertumbuhan Bakteri, *Jurnal Medika Hutama* 2(4):1156-1161
- Sasebohe, V. Y., Prakasita, V. C., Aditiyarini, D., 2023, Aktivitas Antibakteri Ekstrak Etanol Daun Binahong Terhadap *Staphylococcus aureus* dan *Propionibacterium acnes* Penyebab Jerawat, *Sciscitatio*, 4(1) 1-14
- Sasidharan, S., Joseph, P. and Junise, 2014, Formulation and evaluation of Fairness Serum using Polyherbal Extracts. *International Journal of Pharmacy*. 4(3), 105-112.
- Schlecht, S., Freudenberg, M. A., Galanos, C., 1997, Culture and Biological Activity of *Propionibacterium acnes*, MMV Medizin Verlag GmbH Munchen, Germany.
- Siahaan, S., Herman M. J., Fitri, N., 2022, Antimicrobial Resistance Situation in Indonesia: A Challenge of Multisector and Global Coordination, *Journal of Tropical Medicine*, 2022(2783300):1-10
- Suer, K., Guvenir, M., 2019, *Propionibacterium acnes* (*Cutibacterium acnes*) and *Acne Vulgaris*: The Latest Updates of Antimicrobial Activity, *Turkish Journal of Dermatology*, 13(2):57-59
- Susanty dan Bachmid, F. Perbandingan Metode Ekstraksi Maserasi dan Refluks terhadap Kadar Fenolik dari Ekstrak Tongkol Jagung (*Zea mays* L.), *Konversi*, 5(2)
- Sutaria, A. H., Masood S., Schlessinger J., 2023, *Acne Vulgaris*, *StatPearls Publishing*, <https://www.ncbi.nlm.nih.gov/books/NBK459173/>, diakses pada 12 Juni 2023 pukul 21:07
- Thakre, A. D., 2017, Formulation and Development of De Pigment Serum Incorporating Fruits Extract, *International Journal of Innovative Science and Research Technology*, 12(12)
- Tilaraso D. P., Maghfiroh, A., Amira K. J., 2022, Pengaruh Gelling Agent pada Sediaan Serum Jerawat Kombinasi ekstrak Daun Sirih Hijau dan Buah Belimbing Wuluh, *Jurnal Farmasi Indonesia*, 3(1)
- Tripathi, S., Ray, S., Das, P. K., Mondal, A. K., Verma, N. K., 2013, Antimicrobial Activities of Some Rare Aerial Hemi Parasitic Taxa of South West Bengal India, *International Journal of Phytopharmacology*, 4(2):106-112
- Wasitaatmadja S. M., Arimuko A., Norawati L., Bernadette I., Legiawati L., 2017, Pedoman Tata Laksana Akne di Indonesia Edisi 2, *Kelompok Studi Dermatologi Kosmetik Indonesia Perhimpunan Dokter Spesialis Kulit dan Kelamin Indonesia*, Perpustakaan Nasional RI: Katalog Dalam Terbitan ((KDT), Jakarta
- Waterhouse, A.L., 2002, Determination of Total Phenolics, *Current Protocols in Food Analytical Chemistry*, II.1.1-II.1.8.
- White, G. M., 1998, Recent Findings in the Epidemiologic Evidence, Classification, and Subtypes of *Acne vulgaris*, *Journal of the American Academy of Dermatology*, 39(2 Pt 3), S34–S37.
- WHO, 2022, 2021 Antimicrobial agents in clinical and preclinical development: an overview and analysis, Antimicrobial Resistance Division, Switzerland.

- WHO, 2021, Antimicrobial resistance, <https://www.who.int/news-room/fact-sheets/detail/antimicrobial-resistance>, Diakses pada 12 Juni 2023 pukul 21:50 WIB
- Williams, H. C., Dellavalle, R. P., & Garner, S., 2012, Acne vulgaris. *Lancet (London, England)*, 379(9813), 361–372.
- Wirasti, 2019, Penetapan Kadar Fenolik Total, Flavonoid Total, dan Uji Aktivitas Antioksidan Ekstrak Daun Benalu Petai (*Scurrula atropurpurea* Dans.) Beserta Penapisan Fitokimia, *Journal of Pharmaceutical and Medicinal Sciences* 4(1)
- Wu SF, Kinder BN, Trunnell TN, et al. Role of anxiety and anger in acne patients: a relationship with the severity of the disorder. *J Am Acad Dermatol.* 1988;18:325-333.
- Xiao, F., Xu, T., Lu, B., Liu, R., 2020, Guideline for antioxidant assay for food components, *Food Frontiers*, 1:60-69.
- Yulian, M. dan Safrijal, 2018, Uji Aktivitas Antioksidan Daun Benalu Kopi (*Loranthus Ferrugineus* Roxb.) dengan Metode DPPH (1,1-Difenil-2-Pikrilhidrazil), *Lantanida Journal*, 6(2), 103-202.
- Yulianti, I., 2021, *Identifikasi tanin dan Aktivitas Antioksidan Ekstrak Daun Benalu Mangga (Dendropetandra) Menggunakan Metode Maserasi dan Sokletasi*, Politeknik Harapan Bersama, Tegal.
- Yulva, I., 2021, *Aktivitas Antioksidan dan Senyawa Aktif Daun dan Batang Benalu Teh (Scurrula atropurpurea (BL) Dans.) pada Berbagai Metode Pengeringan Simplisia*, Universitas Islam Negeri Maulana Malik Ibrahim, Malang.
- Yuniarsih, N., 2017, Perlukah Kita Menggunakan Obat Kumur?, *Majalah Farmasetika*, Sumedang, 2(4)
- Yusnawan, E. dan Utomo, J. S., Mikroanalisis Kandungan Senyawa Fenolik Total Ekstrak Biji Kedelai dengan Reagen Folin-Ciocalteu, *Penelitian Pertanian Tanaman Pangan*, 1(1)
- Zanglein, A.L., Pathy A. L., Schlosser B.J., Alikhan A., Baldwin H.E., Berson D.S., et al., 2016, Guidelines of care for the management of acne vulgaris, *American Academy of Dermatology, Inc.* 945-973
- Zou, Y., Lu, Y., dan Wei, D., 2004, Antioxidant activity of Flavonoid-rich extract of *Hypericum perforatum* L in vitro. *Journal of Agriculture and Food Chemistry*, 52: 5032-50.