

DAFTAR PUSTAKA

- Ahmad, A. N., Mat Daud, Z. 'Azuan, & Ismail, A. (2016). Review on potential therapeutic effect of Morinda citrifolia L. *Current Opinion in Food Science*, 8, 62–67. <https://doi.org/10.1016/j.cofs.2016.03.002>
- Almiahansari, A., Adelsa , A., Permatasari, D., & Danimayostu. (2019). PENGARUH RASIO KITOSAN DAN ATENOLOL TERHADAP DIAMETER UKURAN, EFISIENSI PENJERAPAN DAN PROFIL PELEPASAN PADA FORMULA MIKROSFER ATENOLOL DENGAN METODE EMULSIFIKASI. *PHARMACEUTICAL JOURNAL of INDONESIA*, 4(1), 1–9.
- Aminah, N. S., Isma, C., & Kristanti, A. N. (2019). SKOPOLETIN SUATU SENYAWA FENILPROPANOID DARI EKSTRAK ETIL ASETAT UMBI UBI JALAR (*Ipomoea batatas* L.). *Jurnal Kimia Riset*, 3(2), 116. <https://doi.org/10.20473/jkr.v3i2.12061>
- Andini, A., & Putri, C. F. (2021). Standardization of Mango (*Mangifera Indica* L.) Peel Simplisia of Gadung Variety. *PHARMADEMICA : Jurnal Kefarmasian Dan Gizi*, 1(1), 1–8. <https://doi.org/10.54445/pharmademica.v1i1.2>
- Angriani, L. (2019). POTENSI EKSTRAK BUNGA TELANG (CLITORIA TERNATEA) SEBAGAI PEWARNA ALAMI LOKAL PADA BERBAGAI INDUSTRI PANGAN: (The Potential of Extract Butterfly Pea Flower (*Clitoria ternatea* L.) as a Local Natural Dye for Various Food Industry). *Canrea Journal: Food Technology, Nutritions, and Culinary*

- Journal*, 2(1), 32–37. <https://doi.org/10.20956/canrea.v2i1.120>
- Badan POM RI. (2014). *Pedoman Uji Disolusi dan Tanya Jawab*. Jakarta: Badan Pengawas Obat dan Makanan Republik Indonesia.
- Binarjo, A., & Khotimah, H. (2017). Disolusi Kapsul Dispersi Padat Piroksikam-PEG 6000 Selama Penyimpanan. *IJPST (Indonesian Journal Pharmaceutical Science and Technology)*, 4(1), 18–18.
<https://doi.org/10.15416/ijpst.v4i1.7933>
- Bou-Chacra, N., Melo, K. J. C., Morales, I. A. C., Stippler, E. S., Kesisoglou, F., Yazdanian, M., & Löbenberg, R. (2017). Evolution of Choice of Solubility and Dissolution Media After Two Decades of Biopharmaceutical Classification System. *The AAPS Journal*, 19(4), 989–1001.
<https://doi.org/10.1208/s12248-017-0085-5>
- Chairunnisa, S., Wartini, N. M., & Suhendra, L. (2019). Pengaruh Suhu dan Waktu Maserasi terhadap Karakteristik Ekstrak Daun Bidara (*Ziziphus mauritiana* L.) sebagai Sumber Saponin. *JURNAL REKAYASA DAN MANAJEMEN AGROINDUSTRI*, 7(4), 551.
<https://doi.org/10.24843/jrma.2019.v07.i04.p07>
- Departemen Kesehatan Republik Indonesia, (2017), *Farmakope Herbal Indonesia* (edisi II), Jakarta: Kementerian Kesehatan Republik Indonesia,
- Departemen Kesehatan Republik Indonesia, (2020), *Farmakope Indonesia* (edisi VI), Jakarta: Kementerian Kesehatan Republik Indonesia,
- Descotes, J. (2014). Immune System. *Encyclopedia of Toxicology*, 1004–1023.
<https://doi.org/10.1016/b978-0-12-386454-3.00401-2>

Dwi, S., Febrianti, S., Zainul, A., & Retno, S. (2018). PEG 8000 increases solubility and dissolution rate of quercetin in solid dispersion system. *Marmara Pharmaceutical Journal*, 22(2), 259–266.
<https://doi.org/10.12991/mpj.2018.63>

Ekayani, M., Juliantoni, Y., & Hakim, A. (2021). UJI EFEKTIVITAS UJI EFEKTIVITAS LARVASIDA DAN EVALUASI SIFAT FISIK SEDIAAN LOSIO ANTINYAMUK EKSTRAK ETANOL DAUN KIRINYUH (*Chromolaena odorata* L.) TERHADAP NYAMUK AEDES ARGYPTI. *Jurnal Inovasi Penelitian*, 2(4), 1261–1270.
<https://doi.org/10.47492/jip.v1i4.802>

Endarini, L. H. (2019). Analisis rendemen dan penetapan kandungan ekstrak etanol 96% daun teh hijau (*Camellia sinensis* L.) dengan metode kromatografi lapis tipis. *SEMNASKes*, 30–40.

Estikawati, I., & Lindawati, N. Y. (2019). Penetapan Kadar Flavonoid Total Buah Oyong (*Luffa Acutangula* (L.) Roxb.) Dengan Metode Spektrofotometri Uv-Vis. *Jurnal Farmasi Sains Dan Praktis*, 5(2), 96–105.

Febriyenti, Indra, P., Zaini, E., Lucida, H., & Ismed, F. (2020). Preparation and characterization of quercetin-polyvinylpyrrolidone K-30 spray dried solid dispersion. *Journal of Pharmacy & Pharmacognosy Research*, 8(2), 127–134.

Forestryana, D., & Arnida. (2020). *Jurnal Ilmiah Farmako Bahari PHYTOCHEMICAL SCREENINGS AND THIN LAYER CHROMATOGRAPHY ANALYSIS OF ETHANOL EXTRACT JERUJU*

- LEAF (HYDROLEA SPINOSA L.) ARTICLE HISTORY SKRINING FITOKIMIA DAN ANALISIS KROMATOGRAFI LAPIS TIPIS EKSTRAK ETANOL DAUN JERUJU (HYDROLEA SPINOSA L.).* Retrieved from <https://jurnaL.uniga.ac.id/index.php/JFB/article/download/859/777>
- Ghozali, I. (2016). *Aplikasi Analisis Multivariete SPSS 23* (8th ed.). Semarang: Badan Penerbit Universitas Diponegoro.
- Gilley, A. D. (2016). *Amorphous solid dispersion effects on in vitro solution concentrations of quercetin*. Blacksburg, Virginia: Faculty of Virginia Polytechnic Institute and State University.
- Giorgetti, L., Issa, M. G., & Ferraz, H. G. (2014). The effect of dissolution medium, rotation speed and compaction pressure on the intrinsic dissolution rate of amlodipine besylate, using the rotating disk method. *Brazilian Journal of Pharmaceutical Sciences*, 50(3), 513–520. <https://doi.org/10.1590/s1984-82502014000300009>
- Grogan, S., & Preuss, C. V. (2021). Pharmacokinetics. Retrieved from PubMed website:
[https://www.ncbi.nlm.nih.gov/books/NBK557744/#:~:text=Pharmacokinetics%20\(PK\)%20is%20the%20study](https://www.ncbi.nlm.nih.gov/books/NBK557744/#:~:text=Pharmacokinetics%20(PK)%20is%20the%20study)
- Guli, M., M. (2022). RESPON IMUN HOSPES TERHADAP INFEKSI Vibrio cholerae. *Biocelebes*, 15(2), 113–124.
<https://doi.org/10.22487/bioceb.v15i2.15777>
- Hardani, Pertiwi, A. D., Hartanto, F. A. D., Ghozaly, M. R., Rahim, A., Idawati, S., ... Ulya, T. (2021). *Buku Ajar Farmasi Fisika*. Yogyakarta: Penerbit

- Samudra Biru (Anggota IKAPI).
- Hasanah, F., Siregar, N. C., Gunawan, A., Sujono, S., & Aviana, T. (2020). Pengaruh Jenis Pelarut terhadap Hasil Ekstraksi Senyawa Skopoletin Ubi Jalar Ungu (*Ipomoea batatas L.*). *Warta Industri Hasil Pertanian*, 37(1), 74. <https://doi.org/10.32765/wartaihp.v37i1.5791>
- Husairi, A., Sanyoto, D. D., Yuliana, I., Panghiyangani, R., Asnawati, & Triawanti. (2020). *SISTEM PENCERNAAN - TINJAUAN ANATOMI, HISTOLOGI, BIOLOGI, FISIOLOGI DAN BIOKIMIA*. Purwokerto: CV IRDH .
- ICH. (2005). *VALIDATION OF ANALYTICAL PROCEDURES: TEXT AND METHODOLOGY Q2(R1) - INTERNATIONAL CONFERENCE ON HARMONISATION OF TECHNICAL REQUIREMENTS FOR REGISTRATION OF PHARMACEUTICALS FOR HUMAN USE*. Swiss: ICH Expert Working Group.
- Ilahi, R. A., Firdaus, M. L., & Amir, H. (2021). PEMANFAATAN NANOPARTIKEL EMAS (NPE) SEBAGAI PENDETEKSI KADAR ASAM URAT PADA URINE DENGAN METODE CITRA DIGITAL. *ALOTROP, Jurnal Pendidikan Dan Ilmu Kimia*, 5(2), 135–140. <https://doi.org/10.33369/atp.v5i2.17113>
- Ismail, T., Putra, A. P., Puspaningrat, L. P. D., & Buchari, M. (2023). Perbandingan Kadar Disolusi Tablet Allopurinol Generik Berlogo Dan Generik Bermerek Yang Beredar Dikota Kupang Provinsi Ntt. *Jurnal Farmasi Kryonaut*, 2(2), 139–147. <https://doi.org/10.59969/jfk.v2i2.38>
- Kemenkes RI. (2017). *Farmakope Herbal Indonesia* (2nd ed.). Jakarta: Kementerian

Kesehatan RI.

Khairuddin, K., Taebe, B., Risna, R., & Rahim, A. (2018). Isolasi dan Karakterisasi Senyawa Alkaloid Ekstrak Metanol Klik Faloak (*Sterculia populifolia*). *Ad-Dawaa' Journal of Pharmaceutical Sciences*, 1(2).

<https://doi.org/10.24252/djps.v1i2.11337>

Klein, S. (2010). The Use of Biorelevant Dissolution Media to Forecast the In Vivo Performance of a Drug. *The AAPS Journal*, 12(3), 397–406.

<https://doi.org/10.1208/s12248-010-9203-3>

Kurniasari, N. G., Saptarini, N. M., & Destiani, D. P. (2021). Perubahan Disintegran Pada Formula Tablet untuk Efisiensi Biaya Produksi. *Jurnal Farmaka*, 19(4), 19–25.

Lemos, H. de, Prado, L. D., & Rocha, H. V. A. (2022). Use of biorelevant dissolution media in dissolution tests as a predictive method of oral bioavailability. *Brazilian Journal of Pharmaceutical Sciences*, 58, 1–15.

<https://doi.org/10.1590/s2175-97902022e19759>

Listiani, N., & Susilawati, Y. (2019). Review Artikel : Potensi Tumbuhan Sebagai Imunostimulan. *Farmaka*, 17(2), 222–230.

<https://doi.org/10.24198/jf.v17i2.22045>

Manongko, P. S., Sangi, M. S., & Momuat, L. I. (2020). Uji Senyawa Fitokimia dan Aktivitas Antioksidan Tanaman Patah Tulang (*Euphorbia tirucalli* L.). *Jurnal MIPA*, 9(2), 64. <https://doi.org/10.35799/jmuo.9.2.2020.28725>

Marbun , R. R. M., Sholahuddindan, & Rahayuni, T. (2020). PENGARUH KOMBINASI SUHU DAN DEHUMIDIFIKASI UDARA

- PENGERINGTERHADAP AKTIVITAS ANTIOKSIDAN IRISAN BUAH MENGKUDU (*Morinda citrifolia*). *Pro Food (Jurnal Ilmu Dan Teknologi Pangan)*, 6(1), 560–567.
- Melati, M., & Parbuntari, H. (2022). Screening Fitokimia Awal (Analisis Qualitative) Pada Daun Gambir (*Uncaria Gambir Roxb*) Asal Siguntur Muda. *Jurnal Periodic Jurusan Kimia UNP*, 11(3), 88–88. <https://doi.org/10.24036/p.v11i3.114575>
- Momić, T., Savić, J., Černigoj, U., Trebše, P., & Vasić, V. (2007). Protolytic Equilibria and Photodegradation of Quercetin in Aqueous Solution. *Collection of Czechoslovak Chemical Communications*, 72(11), 1447–1460. <https://doi.org/10.1135/cccc20071447>
- Mudie, D. M., Amidon, G. L., & Amidon, G. E. (2010). Physiological Parameters for Oral Delivery and in Vitro Testing. *Molecular Pharmaceutics*, 7(5), 1388–1405. <https://doi.org/10.1021/mp100149j>
- Mufidah, Z., Rifa'i, M., & Rahayu, S. (2013). Aktivitas Imunomodulator Ekstrak Buah Mengkudu pada Mencit yang Diinfeksi *Staphylococcus aureus* (IMMUNOMODULATORS ACTIVITY OF NONI (MORINDA CITRIFOLIA L.) FRUIT EXTRACT IN MICE INFECTED WITH STAPHYLOCOCCUS AUREUS). *Jurnal Veteriner*, 14(4), 501–510. Retrieved from <https://ojs.unud.ac.id/index.php/jvet/article/view/7686>
- Muhtadi, W. K., Firmansyah, F., Agustini, T. T., Rahayu, P., Fitriyanti, S. A., & Ulfa, R. (2022). VALIDATION OF SPECTROPHOTOMETRIC METHOD TO QUANTIFY QUERCETIN IN THE IN VITRO

- DISSOLUTION STUDY OF SELF NANO-EMULSIFYING DRUG DELIVERY SYSTEM (SNEDDS). *Jurnal Farmasi Sains Dan Praktis*, 8(3), 268–273. <https://doi.org/10.31603/pharmacy.v8i3.6258>
- Nagarathna , Reena, Reddy, S., & Wesley, J. (2013). Review on Immunomodulation and Immunomodulatory Activity of Some Herbal Plants201. *International Journal of Pharmaceutical Sciences Review and Research*, 22(1), 223–230.
- Naipospos, M., Idris, M., & Rahmadina, R. (2022). PENAPISAN FITOKIMIA DAN PENENTUAN KADAR FLAVONOID EKSTRAK DAUN SEMBUNG [BLUMEA BALSAMIFERA (L.) DC] DI DESA HASANG DAN DESA SIMANGALAM KECAMATAN KUALUH SELATAN KABUPATEN LABUHANBATU UTARA. *KLOROFIL: Jurnal Ilmu Biologi Dan Terapan*, 6(2), 54. <https://doi.org/10.30821/kfl:jibt.v6i2.11687>
- Nasrudin, Wahyono, Mustofa, & Susidarti, R. A. (2017). ISOLASI SENYAWA STEROID DARI KULIT AKAR SENGGUGU (*Clerodendrum serratum* L.Moon). *PHARMACON, Jurnal Ilmiah Farmasi*, 6(3), 332–340.
- Nayak, B. S., Sourajit, S., Palo, M., & Behera, S. (2017). Sublingual Drug Delivery System: A Novel Approach. *International Journal of Pharmaceutics and Drug Analysis*, 5(10), 399–405. Retrieved from <https://www.neliti.com/publications/409381/sublingual-drug-delivery-system-a-novel-approach>
- Ningsih, I. S., Chatri, M., Advinda, L., & Violita. (2023). Senyawa Aktif Flavonoid yang Terdapat Pada Tumbuhan. *Serambi Biologi*, 8(2), 126–132.

- Noena, R. A. N., & Base, N. H. (2021). INVENTARISASI TANAMAN DAN RAMUAN TRADISIONAL ETNIS SULAWESI SELATAN SEBAGAI IMUNOMODULATOR. *Jurnal Kesehatan Yamasi Makassar*, 5(2), 42–49.
- Retrieved from
<https://jurnaL.yamasi.ac.id/index.php/Jurkes/article/view/165>
- Noer, S., Pratiwi, R. D., & Gresinta, E. (2018). Penetapan Kadar Senyawa Fitokimia (Tanin, Saponin dan Flavonoid) sebagai Kuersetin Pada Ekstrak Daun Inggu (*Ruta angustifolia L.*). *Jurnal Eksakta*, 18(1), 19–29.
<https://doi.org/10.20885/eksakta.vol18.iss1.art3>
- Notario, D. (2018). Pemodelan Farmakokinetika Berbasis Populasi dengan R: Model Dua Kompartemen Ekstravaskuler. *Jurnal Farmasi Galenika (Galenika Journal of Pharmacy)*, 4(1), 26–35.
<https://doi.org/10.22487/j24428744>
- Novitasari, A., & Putri, D. Z. P. (2016). ISOLASI DAN IDENTIFIKASI SAPONIN PADA EKSTRAK DAUN MAHKOTA DEWA DENGAN EKSTRAKSI MASERASI. *Jurnal Sains*, 6(12). Retrieved from
<https://jurnaL.unigres.ac.id/index.php/Sains/article/view/577/450>
- Parasuraman, S., David, A. V. A., & Arulmoli, R. (2016). Overviews of biological importance of quercetin: A bioactive flavonoid. *Pharmacognosy Reviews*, 10(20), 84. <https://doi.org/10.4103/0973-7847.194044>
- PubChem. (2021, May 7). Quercetin. Retrieved from pubchem.ncbi.nlm.nih.gov website:<https://pubchem.ncbi.nlm.nih.gov/compound/Quercetin#section=Structures>

- Purnamasari, A., Zelviani, S., Sahara, S., & Fuadi, N. (2022). ANALISIS NILAI ABSORBANSI KADAR FLAVONOID TANAMAN HERBAL MENGGUNAKAN SPEKTROFOTOMETER UV-VIS. *Teknosains: Media Informasi Sains Dan Teknologi*, 16(1), 57–64. <https://doi.org/10.24252/teknosains.v16i1.24185>
- Rahman, S., Telny, T., Ravi, T., & Kuppusamy, S. (2009). Role of surfactant and pH in dissolution of curcumin. *Indian Journal of Pharmaceutical Sciences*, 71(2), 139. <https://doi.org/10.4103/0250-474x.54280>
- Ramadhan, M. S., & Lantika, U. A. (2022). Kajian Sediaan Orally Dissolving Film (ODF). *Jurnal Riset Farmasi*, 2(2), 89–96. <https://doi.org/10.29313/jrf.v2i2.1270>
- Rana, A. C., & Gulliya, B. (2019). Chemistry and Pharmacology of Flavonoids- A Review. *Indian Journal of Pharmaceutical Education and Research*, 53(1), 8–20. <https://doi.org/10.5530/ijper.53.1.3>
- Rijal, M., Buang, A., & Prayitno, S. (2022). PENGARUH KONSENTRASI PVP K - 30 SEBAGAI BAHAN PENGIKAT TERHADAP MUTU FISIK TABLET EKSTRAK DAUN TEKELAN (Chromolaena Odorata. (L.)). *Jurnal Kesehatan Yamasi Makassar*, 6(1), 98–111.
- Risna, K., Azzahra, K., Ardianti, R., Dalimunthe, Y. A. S., & Abriyani, E. (2023). Analisis Kandungan Flavonoid Pada Ekstrak Tanaman dengan Menggunakan Spektrofotometri UV-VIS. *INNOVATIVE: Journal of Social Science Research*, 3(6), 5442–5453.
- Riva, A., Ronchi, M., Petrangolini, G., Bosisio, S., & Allegrini, P. (2018). Improved

- Oral Absorption of Quercetin from Quercetin Phytosome®, a New Delivery System Based on Food Grade Lecithin. *European Journal of Drug Metabolism and Pharmacokinetics*, 44(2), 169–177.
<https://doi.org/10.1007/s13318-018-0517-3>
- Riwanti, P., Izazih, F., & Amaliyah, A. (2018). Pengaruh Perbedaan Konsentrasi Etanol pada Kadar Flavonoid Total Ekstrak Etanol 50,70 dan 96% Sargassum polycystum dari Madura. *Journal of Pharmaceutical-Care Anwar Medika*, 2(2), 35–48. <https://doi.org/10.36932/jpcam.v2i2.1>
- Rowe, R. C., Sheskey, P. J., & Quinn, M. E. (2009). *Handbook of pharmaceutical excipients* (6th ed.). London ; Chicago: Pharmaceutical Press and American Pharmacists Association 2009.
- Setiabudi, D. A. (2017). UJI SKRINING FITOKIMIA EKSTRAK METANOL KULIT BATANG TUMBUHAN KLAMPOK WATU(Syzygium litorale) PHYTOCHEMICAL SCREENING ON METHANOL EKSTRAK FROM STEAM BARK KLAMPOK WATU(Syzygium litorale). *UNESA Journal of Chemistry*, 6(3), 155–160.
- Setiarso, P., & Wachid, R. (2017). PEMBUATAN ELEKTRODA PASTA KARBON TERMODIFIKASI BENTONIT UNTUK ANALISIS LOGAM TEMBAGA (II) SECARA CYCLIC VOLTAMMETRY STRIPPING. *Indonesian Chemistry and Application Journal*, 1(1), 18.
<https://doi.org/10.26740/icaj.v1n1.p18-28>
- Setyawan, D., Fadhil, A. A., Juwita, D., Yusuf, H., & Sari, R. (2017). Enhancement of solubility and dissolution rate of quercetin with solid dispersion system

- formation using hydroxypropyl methyl cellulose matrix. *Thai Journal of Pharmaceutical Sciences*, 41(3), 1–5.
- Setyawan, D., Permata, S. A., Zainul, A., & Lestari, M. L. A. D. (2018). Improvement in vitro Dissolution Rate of Quercetin Using Cocrystallization of Quercetin-Malonic Acid. *Indonesian Journal of Chemistry*, 18(3), 531–536. Retrieved from <https://jurnaL.ugm.ac.id/ijc/article/view/28511/20869>
- Siswanto, A., Fudholi, A., Nugroho, A. K., & Martono, S. (2014). PENGARUH MEDIUM DISSOLUSI DAN PENGGUNAAN SINKER TERHADAP PROFIL DISOLUSI TABLET FLOATING ASPIRIN. *PHARMACY: Jurnal Farmasi Indonesia (Pharmaceutical Journal of Indonesia)*, 11(02), 159355. <https://doi.org/10.30595/pji.v11i2.840>
- Siswarni, Putri, Y. I., & Rinda, R. (2017). EKSTRAKSI KUERSETIN DARI KULIT TERONG BELANDA (*Solanum betaceum* Cav.) MENGGUNAKAN PELARUT ETANOL DENGAN METODE MASERASI DAN SOKLETASI. *Jurnal Teknik Kimia USU*, 6(1), 36–42. <https://doi.org/10.32734/jtk.v6i1.1563>
- Sogandi, S., & Rabima, R. (2019). Identifikasi Senyawa Aktif Ekstrak Buah Mengkudu (*Morinda citrifolia* L.) dan Potensinya sebagai Antioksidan. *Jurnal Kimia Sains Dan Aplikasi*, 22(5), 206. <https://doi.org/10.14710/jksa.22.5.206-212>
- Suhendar, U., Utami, N. F., Sutanto, & Nurdyanty, S. N. (2020). PENGARUH BERBAGAI METODE EKSTRAKSI PADA PENENTUAN KADAR FLAVONOID EKSTRAK ETANOL DAUN ILER (*Plectranthus*

- scutellarioides). *FITOFARMAKA: Jurnal Ilmiah Farmasi*, 10(1), 76–83.
<https://doi.org/10.33751/jf.v10i1.2069>
- Sulistyarini, I., Sari, D. A., & Wicaksono, T. A. (2020). SKRINING FITOKIMIA SENYAWA METABOLIT SEKUNDER BATANG BUAH NAGA (*Hylocereus polyrhizus*). *Jurnal Ilmiah Cendekia Eksakta*, 5(1).
<https://doi.org/10.3194/ce.v5i1.3322>
- Sunani, S., & Hendriani, R. (2023). Review Article: Classification and Pharmacological Activities of Bioactive Tannins. *Indonesia Journal of Biological Pharmacy*, 3(2), 130–136.
- Suwartini, L., Yanti, N., & Efrinalia, W. (2021). Optimasi kondisi pengujian senyawa Flavonoid Total di dalam ekstrak tanaman sebagai pengayaan bahan ajar praktikum Makromolekul dan Hasil Alam di Laboratorium Kimia Organik. *Jurnal Penelitian Sains*, 23(1), 28–35.
<https://doi.org/10.26554/jps.v23i1.621>
- Syaafida, M., Darmanti, S., & Izzati, M. (2018). Pengaruh Suhu Pengeringan Terhadap Kadar Air, Kadar Flavonoid dan Aktivitas Antioksidan Daun dan Umbi Rumput Teki (*Cyperus rotundus L.*). *Bioma : Berkala Ilmiah Biologi*, 20(1), 44. <https://doi.org/10.14710/bioma.20.1.44-50>
- Taldaev, A., Terekhov, R., Nikitin, I., Zhevlakova, A., & Selivanova, I. (2022). Insights into the Pharmacological Effects of Flavonoids: The Systematic Review of Computer Modeling. *International Journal of Molecular Sciences*, 23(11), 6023–6023. <https://doi.org/10.3390/ijms23116023>
- Tetti, M. (2014). EKSTRAKSI, PEMISAHAN SENYAWA, DAN IDENTIFIKASI

SENYAWA AKTIF. *Jurnal Kesehatan*, 7(2).

<https://doi.org/10.24252/kesehatan.v7i2.55>

United States Pharmacopeial Convention. (2020). *The United States Pharmacopeia 2020 : USP 34 ; The national formulary : NF 38* (VoL. 4). Rockville, Md: United States Pharmacopeial Convention, Cop.

Wagner, H., & Bladt, S. (1996). *Plant drug analysis : a thin layer chromatography atlas ; with 184 colored photographs by Veronika RickL*. Berlin Springer.

Wahyuni , Yusuf, M. I., Malik, F., Lubis, A. F., Indalifiany, A., & Sahidin, I. (2019). Efek Imunomodulator Ekstrak Etanol Spons Melophilus sarasinorum Terhadap Aktivitas Fagositosis Sel Makrofag Pada Mencit Jantan Balb/C. *Jurnal Farmasi Galenika (Galenika Journal of Pharmacy)*, 5(2), 147–157. <https://doi.org/10.22487/j24428744.2019.v5.i2.13611>

Widayanti, E., Qonita, J. M., Ikayanti, R., & Sabila, N. (2023). Pengaruh Metode Pengeringan terhadap Kadar Flavonoid Total pada Daun Jinten (*Coleus amboinicus* Lour). *Indonesian Journal of Pharmaceutical Education*, 3(2).

<https://doi.org/10.37311/ijpe.v3i2.19787>

Wijaya, W. W., Ratnapuri, P. H., & Fitriana, M. (2017). Uji Disolusi Terbanding Tablet Ofloxacin Berlogo dan Generik Bermerek Terhadap Inovator Dalam Media Dapar HCl pH 4,5. *Jurnal Pharmascience*, 4(1). Retrieved from <https://ppjp.ulm.ac.id/journal/index.php/pharmascience/article/view/5752/4815>

Wulan, I. G. A. K., & Agusni, I. (2015). Penggunaan Imunomodulator untuk Berbagai Infeksi Virus Pada Kulit (Immunomodulators for a Variety of

- Viral infections of the Skin). *Berkala Ilmu Kesehatan Kulit Dan Kelamin - Periodical of Dermatology and Venereology*, 27(1), 63–69.
- Yu, G., Zheng, Q.-S., & Li, G.-F. (2014). Similarities and Differences in Gastrointestinal Physiology Between Neonates and Adults: a Physiologically Based Pharmacokinetic Modeling Perspective. *The AAPS Journal*, 16(6), 1162–1166. <https://doi.org/10.1208/s12248-014-9652-1>
- Yuniarsih, N., Ramadhina, A. S., & Musfiroh, E. N. (2023). Evaluasi Dan Uji Karakteristik Fisik Tablet Ibuprofen Pada Metode Granulasi Basah, Granulasi Kering Dan Metode Kempa Langsung. *Innovative: Journal of Social Science Research*, 3(2).
- Zahara, Lucida, H., & Zaini, E. (2020). Solid Dispersion of Quercetin-PVP K-30 and Effects on The Antioxidant Activity. *Jurnal Ilmiah Farmasi*, 16(2), 144–154. Retrieved from <http://journal.uii.ac.id/index.php/JIF>
- Zahrah, Z., & Cahyani, Y. D. (2020). REVIEW ARTIKEL : PELAYANAN KEFARMASIAN PADA PASIEN IMUNOSUPRESIF SEBAGAI TINDAKAN PREVENTIF DI MASA PANDEMI COVID-19. *Jurnal Farmasi Ilmiah Indonesia*, 18(2), 122–131.
- Zenkevich, I. G., Makarova, S. V., Vitenberg, A. G., Dobryakov, Y. G., Utsal, V. A., & Eshchenko, A. Y. (2007). Identification of the Products of Oxidation of Quercetin by Air Oxygenat Ambient Temperature. *Molecules*, 12(3), 654–672. <https://doi.org/10.3390/12030654>
- Zhao, L., & Lin, Z. (2023). A Review on Bioactive Anthraquinone and Derivatives as the Regulators for ROS. *Molecules*, 28(24), 8139–8139.

<https://doi.org/10.3390/molecules28248139>

