

DAFTAR PUSTAKA

- Abdassah, M., 2015. Formulasi dan Uji Stabilitas Tetes Mata Sulfasetamida. *Indonesian Journal of Pharmaceutical Science and Technology*, 2(1): 33-44.
- Alisa, N. 2017. Uji Stabilitas Fisik Ekstrak Meniran (*Phyllanthus niruri Linn.*) Terstandar Dalam Bentuk Sediaan Self-Nano-Emulsifying Drug Delivery System (SNEDDS). *Skripsi*. .
- Alkandahri, M.Y., Berbudi, A., Vicahyani Utami, N., Subarnas, A. 2019. Antimalarial activity of extract and fractions of *Castanopsis costata* (Blume) A.DC. *Avicenna J. Phytomedicine*, 9(2): 474–481.
- Alkandahri, M.Y., Nisriadi, L., Salim, E. 2016. Secondary Metabolites and Antioxidant Activity of Methanol Extract of *Castanopsis costata* Leaves. *Pharmacol. Clin. Pharm.* 1(3): 1-4.
- Alkandahri, M.Y., Siahaan, P.N., Emil, S., Fatimah, C. 2018. Anti-Inflammatory Activity Of Cep Cep-Cepan Leaves (*Castanopsis costata* (Blume) A.DC). *Int. J. Curr. Med. Sci*, 8(4): 424–429.
- Alkandahri, M.Y., Sujana, D., Hasyim, D.M., Shafirany, M.Z., Sulastri, L., Arfania, M., Frianto, D., Farhamzah, Kusumawati, A.H., Yuniarsih, N. 2021. Antidiabetic Activity of Extract and Fractions of *Castanopsis costata* Leaves on Alloxan-induced Diabetic Mice. *Pharmacogn. J.*, 13(6): 1589–1593.
- Andrade, J.T., Lima, W.G., Barbosa, C.S., Gonçalves, A.M.M.N., Silva, M.K.P., Morais, F.B., Palumbo, J.M.C., Viana, G.H.R., Ferreira, J.M.S., 2021. Antifungal activity of a novel 3-alkylpyridine analog derived from marine sponge alkaloids. *An. Acad. Bras. Cienc*, 93(1) : 1–13.
- Anindhita, M. A., dan Oktaviani, N. 2016. Formulasi Self-Nanoemulsifying Drug Delivery System (SNEDDS) Ekstak Daun Pepaya (*Carica papaya L.*) dengan Virgin Coconut Oil (VCO) sebagai Minyak Pembawa. *Pena Medika Jurnal Kesehatan*, 6(2), 103–111.
- Annisa, Rahmi., Esti Hendradi., dan Dewi Melani. 2016. Pengembangan Sistem Nanostructured Lipid Carriers (Nlc) Meloxicam Dengan Lipid Monostearin Dan Miglyol 808 Menggunakan Metode Emulsifikasi. *J. Trop. Pharm. Chem.* 3(3). 156-169.
- Ariviani, S., Raharjo, S., Anggrahini, S., dan Naruki, S. 2015. Formulasi Dan Stabilitas Mikroemulsi O / W Dengan Metode Emulsifikasi Spontan Menggunakan Vco Dan Minyak Sawit Sebagai Fase Minyak : Pengaruh Rasio Surfaktan-Minyak. *AGRITECH*, 35(1), 27–34.
- Avigail, Y., Yudiati, E., and Pringgenies, D. 2019. Aktivitas Antioksidan dan Kandungan Total Fenolik pada Ekstrak Teripang di. *Journal of Marine Research Vol.8*. 8(4): 346–354.

- Badan Pengawas Obat dan Makanan Republik Indonesia. 2011. Pengawasan Klaim dalam Label dan Iklan Pangan Olahan. Jakarta: BPOM. (3-9).
- Bajaj, S., Singla, D., and Sakhuja, N. 2012. Stability testing of pharmaceutical products. *Journal of Applied Pharmaceutical Science*, 2(3), 129–138.
- Balakumar, K., Vijaya Raghavan, C., Tamil Selvan, N., dan Habibur Rahman, S. M., 2013. Self emulsifying drug delivery system: Optimization and its prototype for various compositions of oils, surfactants and co-surfactants. *Journal of Pharmacy Research*.6(5): 510-514.
- Bannow, J., Yorulmaz, Y., Lobmann, K. Müllertz, A., dan Rades, T., 2020. Improving the drug load and in vitro performance of supersaturated self-nanoemulsifying drug delivery systems (super-SNEDDS) using polymeric precipitation inhibitors. *International Journal of Pharmaceutics*, 375.
- Birhanu B.T, Jin-Yoon Kim J.Y., Hossain A., Choi J.W., Lee S.P., and Park S.C., 2018. An in vivo immunomodulatory and anti-inflammatory study of fermented *Dendropanax morbifera* Léveillé leaf extract. *BMC Complementary and Alternative Medicine*, 18 (222) : 2-8.
- Cahyani, S. E., Nugroho, B. H., dan Syukri, Y. 2020. Stability studies of mefenamic acid Self-Nanoemulsifying drug delivery system (SNEEDS) preparation with oleic acid as the oil phase. *Jurnal Ilmiah Farmasi*, 16(2), 130–143.
- Chairunnisa, S., Wartini, N. M., Suhendra, L., Pertanian, F. T., Udayana, U., dan Bukit, K. 2019. Pengaruh Suhu dan Waktu Maserasi terhadap Karakteristik Ekstrak Daun Bidara (*Ziziphus mauritiana* L .) sebagai Sumber Saponin. *Jurnal Rekayasa dan Manajemen Agroindustri*, 7(4), 551–560.
- Checa, M., Delgado, S.N., Montes, V., dan Encinar, J., 2020. Recent Advances in Glycerol Catalytic Valorization MDPI, 1(1): 1-41.
- Chen, L., Lin, X., Xu, X., Chen, Y., Li, K., Fan, X., Pang, J., and Teng, H. 2019. Self-nano-emulsifying formulation of *Sonchus oleraceus* Linn for improved stability: Implications for phenolics degradation under in vitro gastrointestinal digestion: Food grade drug delivery system for crude extract but not single compound. *Journal of Functional Foods*, 53(July 2018), 28–35.
- Choung, K., West, G., dan Das, D.B., 2015. Delivery of large molecular protein using that and short microneedles prepared using focused ion beam (FIB) as a skin ablation tool. *Drug Delivery and Translational Research*, 4(1): 462-467.
- Crashwell, J. 2003. *Research Design Qualitative, Quantitative, and Mixed Methods Approaches*. Library of Congress Cataloging-in-Publication Data, (219-220).
- Daga, A. S., Ingole, B. D., Kulkarni, S. S., and Biyani, K. R. 2012. Self emulsifying drug delivery system: Hitherto and novel approach. *Research Journal of Pharmacy and Technology*, 5(6), 736–745.

- Danaei, M., Dehghankhold, M., Ataei, S., Hasanzadeh Davarani, F., Javanmard, R., Dokhani, A., Khorasani, S., Mozafari, M.R. 2018. Impact of particle size and polydispersity index on the clinical applications of lipidic nanocarrier systems. *Pharmaceutics*. 10: 1–17.
- Darajah, L. I., and Kusumastuti, E. 2018. Indonesian Journal of Chemical Science Modifikasi Zeolit A dengan Surfaktan HDTMA dan Aplikasinya sebagai Adsorben Ion Nitrat. *Indonesian Journal of Chemical Science*, 7(1), 1–8.
- Dewi, S.V., dan Indah, M. 2019. Rancangan Sistem Pakar Mendiagnosa Penyakit Lambung Menggunakan Metode Forward Chaining. *Journal of Informatics and Computer Science*. 5 (1)
- Ermawati, dan Wahdaniah, N., 2021. Pembuatan dan Uji Stabilitas Fisik Sirup Ekstrak Kulit Buah Semangka (*Citrullus lanatus Thunb.*). *Jurnal Kesehatan Yamsi Makassar*, 5(2), 14-22.
- Fatmalillah M., 2021. Uji Efek Imunomodulator Ekstrak Etanol Daun Cempedek (*Artocarpus integer*) Pada Tikus Jantan Galur Wistar Yang Diinduksi *Salmonella thypimurium*, 5(1) : 2-5.
- Fridayanti, A., Hendradi, E.dan Isnaeni. 2010. Pengaruh Kadar Polietilen Glikol (Peg) 400 Terhadap Pelepasan Natrium Diklofenak Dari Sediaan
- Gaidhani, K. A., Harwalkar, M., Bhambere, D., dan Nirgude, P. S. (2015). Lyophilization / Freeze Drying. *World Journal of Pharmaceutical Research*. 4(8), 516–543.
- Gaidhani, K. A., Harwalkar, M., dan Nirgude, P. S. 2014. World Journal of Pharmaceutical Research SEED EXTRACTS. *World Journal of Pharmaceutical Research*, 3(3), 5041–5048.
- Handayani, F. S., Nugroho, B. H., dan Munawiroh, S. Z. 2018. Optimization of low energy nanoemulsion of Grape seed oil formulation using D-Optimal Mixture Design (DMD) Optimasi Formulasi Nanoemulsi Minyak Biji Anggur Energi Rendah dengan D-Optimal Mixture Design (DMD). *Jurnal Ilmiah Farmasi*, 14(1), 17–34.
- Hapsari, T. D., dan Puspitasari, I. M. 2018. Potensi Kitosan Dalam Sistem Penghantaran Obat Tertarget Pada Organ Paru Hati Ginjal Dan Kolon. *Farmaka*, 16(2), 54–63.
- Hasrawati, A., Hasyim, N., dan Irsyad, N. A. 2016. Pengembangan Formulasi Mikroemulsi Minyak Sereh (*Cymbopogon nardus*) Menggunakan Emulgator Surfaktan Nonionik. *Jurnal Fitofarmaka Indonesia*, 3(1), 151–154.
- Hayati, F., Chabib, L., and Darma, D. D. 2018. Antihyperglycemia Activity of Self-Nano Emulsifying Drug- Delivery Systems (SNEDDS) of Ipomoea reptans , Poir Leaf Ethanolic Extract in Zebrafish (*Danio rerio*). *2nd International Conference on Chemistry, Chemical Process and Engineering (IC3PE)*.

- Hernawan Nugroho, B., Citrariana, S., Nurma Sari, I., dan Nadya Oktari, R. (2017). Formulation and evaluation of SNEDDS (Self Nano-emulsifying Drug Delivery System) of papaya leaf extracts (*Carica papaya* L.) as an analgesic. *Formulasi dan evaluasi SNEDDS (Self Nanoemulsifying Drug Delivery System) ekstrak daun pepaya (Carica papaya L.)*. *Jurnal Ilmiah Farmasi*, 13(2), 77–85.
- Hoten, H. Van. (2020). Analisis Karakterisasi Serbuk Biokeramik Dari Cangkang Telur Ayam Broiler. *ROTOR*, 13(1), 1–5.
- Hotze, P.J., Rivasi T., dan Hume D.A., 2014. Interferon-gama of signals, mechanisms and functions, 2(1):1-6.
- Huda, N., dan Wahyuningsih, I. 2018. Karakterisasi Self-Nanoemulsifying Drug Delivery System (SNEDDS) Minyak Buah Merah (*Pandanus conoideus* Lam.). *Jurnal Farmasi Dan Ilmu Kefarmasian Indonesia*, 3(2), 49.
- Husni, P., Hisprastin, Y., dan Januarti, M. (2019). IKAN LEMURU (*Sardinella lemuru*). *Jurnal Farmasi Desember*, 11(02), 137–146.
- Hygianna, C., 2013. Pengaruh pemberian Madu Kelengkeng (*Nephelium longata* L.) Terhadap Respon Hipersensitivitas Tipe Lambat (Delayed-Type Hypersensitivity/DTH) Pada Tikus Putih Jantan Galur Wistar, 1(2) : 2-5.
- Indrisari, M., Habibie, dan Rahimah, S., 2017. Uji Efek Ekstrak Etanol Daun Jarak Pagar (*Jatropha curcas* L.) Terhadap Titer Immunoglobulin M (IgM) Dan Immunoglobulin G (IgG) Pada Tikus Putih Jantan (*Rattus norvegicus*). *Jurnal Farmasi Fakultas Ilmu Keperawatan*, 5(4): 244-250.
- Jain, K. K. (2020). An Overview of Drug Delivery Systems. In *Methods in Molecular Biology*, (2059).
- Jain, N., Verma, A., and Jain, N. (2020). Formulation and investigation of pilocarpine hydrochloride niosomal gels for the treatment of glaucoma : intraocular pressure measurement in white albino rabbits. *Taylor & Francis*, 27(1), 888–899.
- Journal of Pharmaceutical Technology, Research and Management*, 1(1), 43–68.
- Juni, E.W. Arneli, and S. (2012). Jurnal Kimia Sains dan Aplikasi Pemanfaatan Surfaktan Kationik Hasil Sublasi sebagai Molekul Pengarah pada Pembuatan Material Berpori dari Sekam Padi. *Jurnal Kimia Sains Dan Aplikasi*, 15(1), 24–28.
- Jyothirmayee, D., Sravya, N., Rangani, V. 2017. Formulation And Evaluation Of Liquid Fill Formulations For Soft Gels Of Elvitegravir. *European Journal of Biomedical AND Pharmaceutical sciences*. 3(12): 488-496.
- Kang, J. H., Oh, D. H., Oh, Y. K., Yong, C. S., dan Choi. H. G., 2012. Effects of solid carriers on the crystalline properties, dissolution and bioavailability of flurbiprofen in solid self-nanoemulsifying drug delivery system (solid SNEDDS), *European Journal of Pharmaceutics and Biopharmaceutics*, 80(2): 1-7.

- Kassem, A. A., Abd El-Alim, S. H., Salman, A. M., Mohammed, M. A., Hassan, N. S., dan El-Gengaihi, S. E. (2020). Improved hepatoprotective activity of *Beta vulgaris* L. Leaf extract loaded *self-nanoemulsifying drug delivery system* (SNEDDS): in vitro and in vivo evaluation. *Drug Development and Industrial Pharmacy*, 46(10), 1589–1603.
- Kazi. M., Alhajri, A., Alshehri, S. M., Elzayat, E. M., *et al*, 2022. Enhancing oral bioavailability of apigenin using a bioactive self- nanoemulsifying drug delivery system (Bio-SNEDDS): In vitro, in vivo and stability evaluations. *Pharmaceutics*, 12(8): 1-22.
- Khattab, A., Hassanin, L., dan Zaki, N. (2017). Self-Nanoemulsifying Drug Delivery System of Coenzyme (Q10) with Improved Dissolution, Bioavailability, and Protective Efficiency on Liver Fibrosis. *AAPS PharmSciTech*, 18(5), 1657–1672.
- Khor, V. K., Ahrends, R., Lin, Y., Shen, W., Adams, C. M., Roseman, N., and *et al.*, (2014). The Proteome of Cholesteryl-Ester-Enriched Versus Triacylglycerol-Enriched Lipid Droplets. *PLOS ONE*, 9(8), 1–11.
- Kiswandono, A. 2017. Perbandingan Dua Ekstraksi Yang Berbeda Pada Daun Kelor (*Moringa Oleifera* , Lamk) Terhadap Rendemen Ekstrak Dan Senyawa Bioaktif. *Jurnal Ilmiah Ilmu-Ilmu Biologi Dan Kimia*, 1.
- Korompis C.C F, Yamlean V.Y P, Lolo A W., 2020. Formulasi dan Uji Efektivitas Antibakteri Sediaan Sabun Cair Ekstrak Etanol Daun Kersen (*Muntingia Calabura* L.) Terhadap Bakteri *Staphylococcus epidermis*. *Pharmacon Jurnal Ilmiah Farmasi*, 9(1): 30-37.
- Kusumawati, E., Wahyuningsih, I., Khasnah, N., Farmasi, P., dan Dahlan, U. A. (2021). Pengembangan *Self Nano Emulsifying Drug Delivery System* (SNEDDS) Ekstrak Daun Senggugu (*Clerodendron serratum* [L .] Spr .). *Jurnal Ilmiah Manuntung*, 7(1), 57–65.
- Linsentia, A.N., 2011. Aktivitas Imunomodulator Ekstrak Etanol Daun Kemangi (*Ocimum basilicum* L. forma citratum Back) Terhadap Mencit Jantan Galur BALB/C Dengan Metode Carbon Clearance dan Neutrophil Adhesion. 1(3) : 2-3.
- Liu, C., Lv, L., Guo, W., Mo, L., Huang, Y., Li, G., dan Huang, X. (2018). SelfNanoemulsifying Drug Delivery System of Tetrandrine for Improved Bioavailability: Physicochemical Characterization and Pharmacokinetic Study. *BioMed Research International*, 2018.
- Liu, D., Yang, F., Xiong, F., dan Gu, N. (2016). The smart drug delivery system and its clinical potential. *Theranostics*, 6(9), 1306–1323.
- Liu, Y., Bravo, K. M. C., dan Liu, J. (2021). Nanoscale Horizons Targeted liposomal drug delivery : a nanoscience and biophysical perspective. *The Royal Society of Chemistry*, 78–94.

- Maharani, A.N., 2015. Deteksi *Sugarcane Mosaic Virus* (SCMV) Pada Varietas Tebu (*Saccharum officinarum* L.) Menggunakan Metode *Enzyme Linked Immunosorbent Assay* (Elisa). *Universitas Jember*. 1(1) : 12-13.
- Maharini, Rismarika, dan Yusnelti. (2020). Pengaruh konsentrasi PEG 400 sebagai kosurfaktan pada formulasi nanoemulsi minyak kepayang. *Chempublish Journal*, 5(1), 1–14.
- Mahsyur, M., 2011. Quercetin Sebagai Penghambat Aktivasi NF- κ B dan Penurunan Kadar MCP-1 Pada Kultur HUVECs Yang Dipapar dengan Leptin. *Jurnal Kedokteran Brawijaya*, 26 (4): 216-220.
- Maisaroh, M., Susetyo, I. B., dan Rusmandana, B. (2016). Sintesis Asam 9,10Dihidroksi Stearat (Dhsa) Melalui Hidrolisa Epoksida Dari Oksidasi Asam Oleat Dengan Asam Performat. *Reaktor*, 16(2), 57.
- Maizura, M., Aminah, A., and Wan Aida, W. M. (2016). Antioxidant capacity and consumer acceptability of herbal egg tofu. *Lwt*, 65, 549–556.
- Makadia, M. H. A., Bhatt, M. A. Y., Parmar, R. B., Paun, M. J. S., dan Tank, H. M. (2013). Self-nano Emulsifying Drug Delivery System (SNEDDS): Future Aspects. *Asian J. Pharm. Res*, 3(1), 21–27.
- Mandlik Satish, K., Saugat, A., and Deshpande Ameya, A. (2012). Application of simplex lattice design in formulation and development of buoyant matrices of dipyridamole. *Journal of Applied Pharmaceutical Science*, 2(12), 107–111.
- Megha, P., Rajat, V., Anju, G., dan Aseem, S. (2018). Stability Testing Guidelines of Pharmaceutical Products. *Journal of Drug Delivery and Therapeutics*, 18(2), 169–175.
- Michaelsen, M. H., Siqueira Jørgensen, S. D., Abdi, I. M., Wasan, K. M., Rades, T., dan Müllertz, A. (2019). Fenofibrate oral absorption from SNEDDS and super-SNEDDS is not significantly affected by lipase inhibition in rats. *European Journal of Pharmaceutics and Biopharmaceutics*, 142(1), 258–264.
- Milasari. (2019). *Kadar Karbohidrat Dalam Susu Perah (Susu Sapi) Dengan Penambahan Madu Konsentrasi 25%, 50% Dan 75%*. 5–10.
- Mukhriani. (2014). Ekstraksi, pemisahan senyawa, dan identifikasi senyawa aktif. *Jurnal Kesehatan*, VII.
- Mumpuni, P.D., Ayustaningwarno, F. (2013). Tokoferol, Analisis Kadar Aktivitas, D A N B Serta Minyak, Antioksidan , Bekatul Kasar. *Journal Of Nutrition Collage*, 2, 350–357.
- Nanoemulsion : An excellent mode for delivery of poorly soluble drug through different routes. *J. Chem. Pharm. Res.*, 7(12), 966–976.
- Nurchayani, E., Aniqotun Mutmainah, N., Farisi, S., dan Agustrina, R. (2019). Analisis Kandungan Karbohidrat Terlarut Total Planlet Buncis (*Phaseolus*

- Vulgaris L.) Menggunakan Metode Fenol-Sulfur Secara in Vitro. *Analit: Analytical and Environmental Chemistry*, 4(01), 73–80.
- Nurfadilah, Yuntarso, A., dan Herawati, D. (2019). *Perbandingan Metode Standar Nasional Indonesia Dan Non Standar Nasional Indonesia Dalam Penentuan Kadar*. 3(2), 37–41.
- Nurismawati, D.A. and Priani, S. . (2021). Kajian Formulasi dan Karakterisasi Self-nanoemulsifying Drug Delivery System (SNEDDS) sebagai Penghantar Agen Antihiperlipidemia Oral. *Jurnal Riset Farmasi*, 1(2), 114–123.
- Oktami, E., Lestari, F., dan Aprilia, H. (2021). Studi Literatur Uji Stabilitas Sediaan Farmasi Bahan Alam. *Prosiding Farmasi*, 7(1), 72–77.
- Palomer, X., Pizarro-delgado, J., Barroso, E., and Vázquez-carrera, M. (2017). Palmitic and Oleic Acid: The Yin and Yang of Fatty Acids in Type 2 Diabetes Mellitus. *Trends in Endocrinology dan Metabolism*, 20, 1–13.
- Panche, A.N., Diwan, A.D., dan Chandra, S.R. (2016). Flavonoids: an overview. *J. Nutr. Sci.* 5(1): 1–15.
- Park, J., Choi, S. A., Min. K. A., Jee, J. P. Jin, S. G., dan Cho, K. 2022. Development of Alectinib Suspended-SNEDDS for Enhanced Solubility and Dissolution. *Pharmaceutics*, 14(8): 1-8.
- Piomelli, D. (2013). A fatty gut feeling. *Trends in Endocrinology dan Metabolism*, 24(7), 332–341.
- Pranoto, I. R. (2020). Kadar Lemak, Kadar Protein Dan Total Padatan Es Krim Dengan Penambahan Pasta Ubi Jalar Ungu (*Ipomoea batatas L.*). *Skripsi*.
- Pristianingrum, N., Soebagio, dan Munadzirroh, E., 2012. Uji Stabilitas Mikrobiologis Pembersih Gigi Tiruan Dengan Bahan Minyak Atsiri Kulit Batang Kayu Manis (*Cinnamomum burmannii*). *Jurnal Material Kedokteran Gigi*, 1 (2):134-138.
- Propilen Glikol dalam Self- Nanoemulsifying Drug Delivery System (SNEDDS) Minyak Atsiri Daun Kemangi (*Ocimum basilicum*) Nanoemulsifying Drug Delivery System (SNEDDS) Basil Essential Oil (*Ocimum basilicum*). *E-Jorunal Pustaka Ilmu Kesehatan*. 9(2): 78–83.
- Puspitaningrum, I., Franyoto, D.Y., dan Munish, S., 2018. Aktivitas Imunomodulator Fraksi Etil Asetat Daun SOM Jawa (*Talinum paniculatum* (Jacq.) Gaertn) Terhadap Respon Imun Spesifik. *Jurnal Ilmu Farmasi dan Farmasi Klinik*, 15 (2): 48-53.
- Puspitasari, P., Arnelli, A., dan Suseno, A. (2013). Formulasi Larutan Pencuci dari Surfaktan Hasil Sublasi Limbah Laundry. *Jurnal Kimia Sains Dan Aplikasi*, 16(1), 11.
- Putri, N. E., Nurahmanto, D., dan Rosyidi, V. A. 2021. Optimasi Tween 80 dan

- Putri, Y. A. I., Wulandari, Y. W., dan Widanti, Y. A. (2022). Karakteristik Fisikokimia dan Sensori Stik Apas Tahu Substitusi Tepung Mocaf dan Penambahan Bayam Hijau (*Amaranthus hybridus* L). *Jurnal Teknologi Dan Industri Pangan UNISRI*, 7(1), 49–58.
- Rahayu, N., dan Mita, S. R. (2016). Article Review: Efek Penggunaan Tunggal Dan Kombinasi Asam Oleat Sebagai Peningkat Penetrasi Pada Sediaan Transdermal. *Farmaka*, 14, 82–92.
- Rauf, A., Jehan, N., Ahmad, Z., dan Mubarak, M.S. 2017. Analgesic Potential of Extracts and Derived Natural Products from Medicinal Plants. In: Pain Relief – From Analgesics to Alternative Therapies. InTech.
- Redha, A. (2010). Flavonoid: Struktur, Sifat Antioksidatif Dan Peranannya Dalam Sistem Biologis. *Jurnal Belian*. 9 (2): 196-202
- Salim, E., Fatimah, C., dan Fanny, D.Y., 2017. Analgetic Activity Of Cep-Cepan (*Saurauia Cauliflora* Dc.) Leaves Extract. *J. Nat.* 17 (31): 3-5.
- Salim, E., Mierza, V., dan Febriani, L., 2016. Skrining Fitokimia dan Uji Aktivitas Antijamur Ekstrak n-Heksan, Etil Asetat dan Metanol Daun Cep-cepan (*Castanopsis costata* DC.) Terhadap Jamur *Candida albicans* dan *Microsporum canis*. *Heal. Sci. J. Siti Hajar*, 1(2): 18–28.
- Sarmah, S., Gogoi, S. B., Xianfeng, F., dan Baruah, A. A. 2020. Characterization and identification of the most appropriate nonionic surfactant for enhanced oil recovery. *Journal of Petroleum Exploration and Production Technology*, 10(1), 115–123.
- Sayuti, N. A. 2015. Artikel Riset Formulasi dan Uji Stabilitas Fisik Sediaan Gel Ekstrak Daun Ketepeng Cina (*Cassia alata* L .) Formulation and Physical Stability of *Cassia alata* L . Leaf Extract. *Jurnal Kefarmasian Indonesia*, 5(2), 74–82.
- Seo, Y. G., Kim, D. W., Yousaf, A. M., Park, J. H., Chang, P. S., Baek, H. H., Lim, S. J., Kim, J. O., Yong, C. S., dan Choi, H. G. 2015. Solid selfnanoemulsifying drug delivery system (SNEDDS) for enhanced oral bioavailability of poorly water-soluble tacrolimus: Physicochemical characterisation and pharmacokinetics. *Journal of Microencapsulation*, 32(5), 503–510.
- Seo. Y. G., Kim, D. W., Yousaf. A. M. Park, J. II. Chang, P. S., Back, H. H. Lim, S. J. Kim. J. O. Yong, C. S. Dan Choi, H. G. 2015. Solid self-nanoemulsifying drug delivery system (SNEDDS) for enhanced oral bioavailability of poorly water-soluble tacrolimus. *Physicochemical characterisation and pharmacokinetics Journal of Microencapsulation*, 32(5): 503-510.
- Shah, H. Jain, A. Laghate. G., & Prabhudesai, D. 2020. Pharmaceutical excipients Remington The Science and Practice of Pharmacy, 633-643.
- Shah, H., Jain, A., Laghate, G., dan Prabhudesai, D. 2020. Pharmaceutical excipients. *Remington: The Science and Practice of Pharmacy*, 633–643.

- Sheen, C.L., Dillon, J.F., Bateman, D.N., Simpson, K.J., dan Macdonald, T.M. 2002. Paracetamol toxicity: epidemiology, prevention and costs to the health care system. *Q. J. Med.*, 95: 609-619.
- Shenoy, K. A., S. N., dan Somayaji, K. L. 2001. Hepatoprotective Effects of Ginkgo biloba Against Carbon Tetrachloride Induced Hepatic Injury in Rats. *Indian Journal of Pharmacology*. 33: 260-266.
- Singh, U.B., Sharma, C. (2013). Journal of Research in Plant Sciences. *Journal of Research in Plant Sciences*, 1(2), 1–6.
- Soepadmo, E., dan van Steenis, C. G. G. J. (1972). Fm1S1972007001014. *Flora Malesiana – Series 1, Spermatophyta*, 265–403.
- Solans C P Nolla J, Azemar N. & Garcia-Celma. MJ. Nanoemulsions. 2005. *Current opinion in colloid and interface science*. 10(3-4): 102-110.
- Stephanie. 2015. Pengaruh Variasi Fase Minyak Virgin Coconut Oil Dan Medium-Chain Triglycerides Oil Terhadap Stabilitas Fisik Nanoemulsi Minyak Biji Delima Dengan Kombinasi Surfaktan Tween 80 Dan Kosurfaktan PEG 400. *Universitas Sanata Dharma*, 1–77.
- Subiyanti, T. 2017. Perbedaan Kadar Albumin Sebelum dan Sesudah Transfusi Albumin pada Penyakit Ginjal Kronik (Doctoral dissertation, Universitas Muhammadiyah Semarang).
- Surbakti. 2016. Personal Interview.
- Susanto, D. A., dan Kristiningrum, E. 2021. Pengembangan Standar Nasional Indonesia (Sni) Definisi Pangan Fungsional. *Jurnal Standardisasi*, 23(1), 53.
- Swasono, A.W.P. Sianturi, P.D E and Masyithah, Z. (2012). Sintesis surfaktan alkil poliglikosida dari glukosa dan dodekanol dengan katalis asam. *Jurnal Teknik Kimia USU*, 1(1), 5–9.
- Syed HK, Peh KK. 2014. Identification of phases of various oil, surfactant/cosurfactants and water system by ternary phase diagram. *Acta Pol Pharm – Drug Res*, 71(2), 301–9.
- Tambun, R., Limbong, H.P., Pinem, C., Manurung, E. 2016. Pengaruh Ukuran Partikel, Waktu dan Suhu pada Ekstraksi Fenol dari Lengkuas Merah. *Jurnal Teknik Kimia*. 5(4): 53-56.
- Taroreh Mercy, Sri Raharjo, Pudji Hastuti, A. M. 2015. Ekstraksi Daun Gedi (*Abelmoschus Manihot* L) Secara Sekuensial Dan Aktivitas Antioksidannya. *AGRITECH*, 35(3).
- Teaima, M., Hababeh, S., Khanfar, M., Alanazi, F., Alshora, D., dan El-Nabrawi, Thakur, R. K., Jindal, R., Singh, U. B., dan Ahluwalia, A. S. 2013. Plankton diversity and water quality assessment of three freshwater lakes of Mandi (Himachal Pradesh, India) with special reference to planktonic indicators. *Environmental Monitoring and Assessment*, 185(10), 8355–8373.

- Transdermal Patch Type Matriks. *Journal Of Tropical Pharmacy And Chemistry*, 1(1), 4–10.
- Trianhini, R, I, N, K. Raharjo, M dan Putrantri, M. (2018). Sugar Salt and Fat Consumption of population batur Kidul Village Getasan Subdistrist Semarang Regency. *Juornal of health*.(1).
- Ulfah, M., Royani D.W., dan Putra L.F.R., 2018. Aktivitas Ekstrak Etanol Daun Kedondong (*Spondias pinnata* (L.F) Kurz) Terhadap Antibodi IgM Dan IgG Pada Mencit BALB/C Yang Diinduksi Vaksin Hepatitis B. *Jurnal Ilmu Farmasi dan Farmasi Klinik*, 15 (2): 83-90.
- Utami, P. Y., Aliyah, Syukur R,. 2016. Uji Efek Immunostimulan Kombinasi Ekstrak Mahkota Bunga Kasumba Turate (*Carthamus tinctorius* L.) Dan Ekstrak Umbi Bawang Dayak (*Eleutherine palmifolia*) Pada Mencit (*Mus musculus*). *Jurnal Sains dan Teknologi Kesehatan*, 6 (2): 179-184.
- Verri, W.A., Vicentini, F.T.M.C., Baracat, M.M., Georgetti, S.R., Cardoso, R.D.R., Cunha, T.M., Ferreira, S.H., Cunha, F.Q., Fonseca, M.J.V., Casagrande, R., 2012. Flavonoids as Anti-Inflammatory and Analgesic Drugs: Mechanisms of Action and Perspectives in the Development of Pharmaceutical Forms. In: *Studies in Natural Products Chemistry*. 297–330.
- Wang, H., Li, Q., Deng, W., Omari-Siaw, E., Wang, Q., Wang, S., Wang, S., Cao, X., Xu, X., dan Yu, J. (2015). Self-nanoemulsifying drug delivery system of trans-cinnamic acid: Formulation development and pharmacodynamic evaluation in alloxan-induced type 2 diabetic rat model. *Drug Development Research*, 76(2), 82–93.
- Warnida, H., Sukawaty, Y., Aulya, A. M., 2018. Evaluasi Mutu Fisik Sediaan Pulveres Pada Puskesmas di Kota Balikpapan. *Jurnal Ilmu Kesehatan*, 6 (1), 36-43.
- Weerapol, Y., Limmatvapirat, S., Kumpugdee-Vollrath, M., dan Sriamornsak, P. (2014). Spontaneous Emulsification of Nifedipine-Loaded SelfNanoemulsifying Drug Delivery System. *AAPS PharmSciTech*, 16(2), 435– 443.
- Wijayanto, S. O., dan Bayuseno, A. . (2014). Analisis Kegagalan Material Pipa Ferrule Nickel Alloy N06025 Pada Waste Heat Boiler Akibat Suhu Tinggi Berdasarkan Pengujian : *Jurnal Teknik Mesin*, 2(1), 33–39.
- Wijayati, P. D., Suryana, A., Darmaga, J. R., Darmaga, K. I. P. B., Barat, J., Tentara, J., No, P., dan Barat, J. (2019). Permintaan Pangan Sumber Karbohidrat Di Indonesia The Demand For Carbohydrate Source Food In Indonesia. *Analisis Kebijakan Pertanian*, 17(1), 13–26.
- Winarti, L. Suwaldi. Martien, R. Hakim, L. (2018). Formulation of Insulin Self Nanoemulsifying Drug Delivery System and Its In Vitro – In Vivo Study. *Indonesian Journal Of Pharmacy*, 29(3), 157–166.