

DAFTAR PUSTAKA

- Abdullah, M., Yudistira, V, Nirmin dan Khairurrijal, 2008, Sintesis Nanomaterial, *Jurnal Nanosains & Nanoteknologi*, **1**: 33-57.
- Achmad Moestafa, Sumarsi, dan Dhien Lestari, 1998, Pengaruh Ukuran Bahan Dan Lama Penyulingan Terhadap Yield Dan Karakteristik Minyak Jeruk Purut, *Warta IHP*, **15**: 1-2.
- Aggarwal, N., Goindi, S., & Khurana, R., 2013, Formulation, characterization and evaluation of an optimized microemulsion formulation of griseofulvin for topical application. *Colloids and Surfaces ,B: Biointerfac.*, **105**: 158–166.
- Agustinisari, Sari Intan Kailaku, Djajeng Sumangat and Niken Harimurti, 2013, Nanoemulsion of Nutmeg Oil Using Spontaneous Emulsification and Its Antimicrobial Activity. 699-706
- Agyare christian, Sixtus Bieranye Bayaa Martin Saana, Francis Adu, Stephen Yao Gbedema, Vivian Etsiapa Boamah and Duredoh Freeman George, 2013, Antibiotic resistance patterns of strains of *Staphylococcus aureus* isolated from patients in three hospitals in Kumasi, Ghana, *Journal of Bacteriology Research*, **5** (3).
- Aji, Y. M., Utami, R., Kawiji, dan Khasanah, L. U., 2015, Pengaruh perlakuan pendahuluan terhadap karakteristik mutu minyak atsiri daun jeruk purut (*Citrus hystrix* D. C.). *Jurnal Aplikasi Teknologi Pangan*. **4** (2): 48 – 55.
- Akhtar, N., Rehman, M.U., Khan, H.M.S., Rasool, F., Saeed, T., dan Murtaza, G., 2011, Penetration Enhancing Effect of Polysorbate 20 and 80 on the In Vitro Percutaneous Absorption of *L-Ascorbic Acid*. *Tropical Journal of Pharmaceutical Research*, **10** (3): 281-288.
- Annis Catur Adi, Nelly Setiawaty, Atsarina Larasati Anindya, Heni Rachmawati, 2019, Formulasi dan Karakterisasi Sediaan Nanoemulsi Vitamin A, *Media Gizi Indonesia*, **14** (1):1-13
- B. A. Kerwin, 2008, Polysorbates 20 and 80 used in the formulation of protein biotherapeutics: structure and degradation pathways, *Journal of Pharmaceutical Sciences*, **97** (8):2924–2935.
- Beandrade, M.U., 2018, Formulasi dan Karakterisasi SNEDDS Ekstrak Jinten Hitam (*Nigella sativa*) dengan Fase Minyak Ikan Hiu Cucut Botol (*Centrophorus Sp.*) serta Uji Aktivitas Immunostimulan, *J. Pharm. Sci. Clin. Res.*, **01**:50-61.
- Bedi, M.K., Shenefelt, P.D., 2004 Herbal Therapy in Dermatology, *Arch Dermatol*, **138**:232-242.
- Bouchemal, Kawthar & Briançon, Stéphanie & Perrier, E & Fessi, Hatem, 2004, Nano-emulsion formulation using spontaneous emulsification: Solvent, oil and surfactant optimisation. *International journal of pharmaceutics*. **280**:241-51.

- Brooks, G.F., Janet, S.B., Stephen A.M., 2001, Jawetz, Melnick and Adelbergs, *Mikrobiologi Kedokteran*, Alih Bahasa oleh Mudihardi, E., Kuntaman, Wasito, E.B., Mertaniasih, N.M., Harsono, S., dan Alimsardjono, L., Penerbit Salemba Medika, Jakarta.
- Cerretani L., Bendini A., Rinaldi M., Paciulli M., Vecchio S. and Chiavaro E., 2012, DSC Evaluation of Extra Virgin Olive Oil Stability Under Accelerated Oxidative Test: Effect of Fatty Acid Composition and Phenol Contents. *Journal of Oleo Science*, **61**:303–309
- Chandrasekaran, N. & Sugumar, Saranya & Mukherjee, Amitava, 2015, Eucalyptus oil nanoemulsion-impregnated chitosan film: Antibacterial effects against a clinical pathogen, *Staphylococcus aureus*, in vitro. *International Journal of Nanomedicine*. **10**:67.
- Chang, Yuhua & Mclandsborough, Lynne & Mcclements, David, 2013, Physicochemical Properties and Antimicrobial Efficacy of Carvacrol Nanoemulsions Formed by Spontaneous Emulsification. *Journal of agricultural and food chemistry*. **61**.
- Chang, Yuhua & Mcclements, David, 2014, Optimization of Orange Oil Nanoemulsion Formation by Isothermal Low Energy Methods: Influence of Oil Phase, Surfactant, and Temperature, *Journal of agricultural and food chemistry*. **62**.
- Christy, Ghea & Arimurni, Dewa & Wahyudi, Made & Martien, Ronny & Tunjung, Woro, 2017, Formulation and Characterization of Kaffir Lime Oil Nanoemulsion, *Biosciences, Biotechnology Research Asia*, **14**: 915-922.
- Costa, J. A., Lucas, E.F., Queiros, Y.G.C., Mansur., C.R.E, 2012, Evaluation of Nanoemulsions In The Cleaning Of Polymeric Resins, *Colloids Surf Physicochem, Eng., Asp.*, **415** : 112-118.
- Costa, R., Bisignano, C., Filocamo, A., Grasso, E., Occhiuto, F., & Spadaro, F., 2014, 433 Antimicrobial activity and chemical composition of citrus aurantifolia (Christm.) 434 Swingle. *Journal of Essential Oil Research*, **26**: 400-408.
- Dam, Andries, 2003, DMDM-Hydantoin: The Promising Result of a Search for an Alternative in Fluid Preservation of Biological Specimens, *Collection Forum*. **18**: 104-115.
- Departemen Kesehatan RI, 1995, *Farmakope Indonesia*, 4th Ed., Jakarta.
- Departemen Kesehatan RI, 2014, *Farmakope Indonesia* 5th Ed., Jakarta.
- Departemen Pertanian, 2007, Statistik Produksi HortiKultura Tahun 2006, Dirjen Hortikultura, Jakarta.
- Devarajan V., Ravichandran V., 2011, Nanoemulsions: As Modified Drug Delivery Tool, *International Journal of Comprehensive Pharmacy* **4** (1).
- Dewi Apriani, Nur Amaliawati, Eni Kurniati, 2014, Efektivitas Berbagai Konsentrasi Infusa Daun Salam (*Eugenia polyantha* Wight) terhadap Daya Antibakteri *Staphylococcus aureus* Secara In Vitro, *Jurnal Teknologi Laboratorium*, **3** (1).
- Donsi, F., & Ferrari, G., 2016, Essential oil nanoemulsions as antimicrobial agents in food, *Journal of Biotechnology*, 233:106–120.

- Fanelli, M., Kupperman, E., Lautenbach, E., Edelstein, P. H., & Margolis, D. J., 2011, Antibiotics, acne, and *Staphylococcus aureus* colonization. *Archives of dermatology*, **147**(8):917–921.
- Gani A., 2007, Aktivitas antibakteri ekstrak kasar daun cocor bebek (*Kalanchoe gastonis-bonnieri*), Skripsi, Fakultas Matematika dan Ilmu Pengetahuan Alam, Institut Pertanian Bogor.
- Greenwood. 1995. *Antibiotic Susceptibility (Sensitivity) Test, Antimicrobial and Chemotherapy*, Mc Graw Hill Company, USA.
- Guenther, E. 1987. *Minyak Atsiri*, Jilid IIIA, Diterjemahkan oleh S. Ketaren. UI-Press, Jakarta.
- Guenther, E., 2006, *Minyak Atsiri*, Jilid 1, Diterjemahkan oleh S. Ketaren, UI-Press, Jakarta..
- Guerra-Rosas MI, Morales-Castro J, Cubero-Márquez M, Salvia-Trujillo L, Martín-Belloso O., 2017, Antimicrobial activity of nanoemulsions containing essential oils and high methoxyl pectin during long-term storage, *Food Control*, **77**:131-138
- Guimarães, A. C., Meireles, L. M., Lemos, M. F., Guimarães, M. C. C., Endringer, D. C., Fronza, M., & Scherer, R., 2019, Antibacterial Activity of Terpenes and Terpenoids Present in Essential Oils. *Molecules*, **24**(13),
- Gunawan Wm., 2009, Kualitas dan Nilai Minyak Atsiri, Implikasi pada Pengembangan Turunannya. Makalah disampaikan pada Seminar Nasional dengan tema: Kimia Bervisi SETS (*Science, Environment, Technology, Society*) Kontribusi Bagi Kemajuan Pendidikan dan Industri. Disampaikan Himpunan Kimia Indonesia Jawa Tengah, pada tanggal 21 Maret 2009, di Semarang.
- Gupta, P.K., Pandit, J.K., Kumar, A., Swaroop, P., and Gupta, S., 2010, Pharmaceutical Nanotechnology Novel Nanoemulsion-High Energy Emulsification Preparation, Evaluation and Application, *T. Ph. Res.*, **3**:117-138.
- Hakim, R.J., Mulyani, Y., Hendrawati, T.Y., Ismiyati, 2019, Pemilihan Bagian Tanaman Jeruk Purut (*Citrus hystrix* D.C) Potensial Sebagai Minyak Essensial Aromaterapi Hasil Proses Maserasi Analytical Hierarkhi Process (AHP), *Jurnal UMJ*, 1-7.
- Hermawan, A., 2007, Pengaruh Ekstrak Daun Sirih (*Piper betle* L.) terhadap Pertumbuhan *Staphylococcus aureus* dan *Escherichia coli* Dengan Metode Difusi Disk, *Artikel Ilmiah*, Fakultas Kedokteran Hewan, Universitas Airlangga Surabaya.
- Hidayat, Syamsul dan Rodame M. Napitupulu, 2015, *Kitab Tumbuhan Obat*. Agriflo, Jakarta.
- Irna, S.I dan Ernayenti, 2007, Pengenalan Geraniol Dan Sitronelol. *J. Plantus*, **1**
- Ismarani, D., Pratiwi, L., dan Kusharyanti, I., 2014, Formulasi Gel Pacar Air (*Impatiens balsamina* Linn.) terhadap *Propionibacterium acnes* dan *Staphylococcus epidermidis*. *Journal Pharmacy Science Research*, **1**.
- Iswandana, Raditya., Sihombing, Lidya KM., 2017, Formulasi, Uji Stabilitas Fisik, dan Uji Aktivitas Secara In Vitro Sediaan Spray Antibau Kaki

- yang Mengandung Ekstrak Etanol Daun Sirih (*Piper betle* L.), *Pharm. Sci. Res.*, **4** (3), 121-131.
- Jamil, B., Abbasi, R., Abbasi, S., Imran, M., Khan, S. U., Ihsan, A., Javed, S., Bokhari, H., & Imran, M., 2016, Encapsulation of Cardamom Essential Oil in Chitosan Nano-composites: *In-vitro* Efficacy on Antibiotic-Resistant Bacterial Pathogens and Cytotoxicity Studies. *Frontiers in microbiology*, **7** :1580.
- Jansen WT, Beitsma MM, Koeman CJ, van Wamel WJ, Verhoef J, Fluit AC, 2006, Novel mobile variants of staphylococcal cassette chromosome *mec* in *Staphylococcus aureus*, *Antimicrob. Agents Chemother.* **50**:2072–2078.
- Jawetz, Melnick, Adelberg, 2007, *Mikrobiologi Kedokteran*, 23th Edition, Penerbit Buku Kedokteran EGC, Jakarta.
- Jawetz, Melnick dan Adelberg, 2008, *Mikrobiologi Kedokteran*, Edisi 24, Salemba Medika, Jakarta..
- Jawetz, Melnick dan Adelberg, 2013, *Mikrobiologi Kedokteran*, Edisi 25, Salemba Medika, Jakarta.
- Kabau S, 2012, Hubungan antara Pemakaian Jenis Kosmetik dengan Kejadian AkneVulgaris, *Jurnal Media Medika Muda*. **43**(4):32-6.
- Khan, Jiyauddin & Asmani, Fadli & Wei, J & Akram, Jawad & Al-Dhalli, Samer & Kaleemullah, Mohammed & Budiasih, Sri & Suliman, Rasha & Rasny, Mohamed & Sung, Y & Junainah, A & Todo, Hiroaki & Ehsan, Darul, 2015, Formulation Of Clindamycin Nano-Emulsion, *International Journal of Pharmaceutical Sciences and Research*, **6**:1845-1854.
- Komaiko, J. S., & McClements, D. J., 2016, Formation of food-grade nanoemulsions using 449 low-energy preparation methods: A review of available methods, *Comprehensive 450 Reviews in Food Science and Food Safety*, **15**:331-352.
- Kong, M., Chen, X.G., Xing, K., Park, H.J., 2010, Antimicrobial properties of chitosan and mode of action: A state of the art review, *Int. J. Food Microbiol.*, **144**:51–63.
- Liew, Sin & Utra, Uthumporn & Alias, Abdul & Tan, Tai & Tan, Chin & Yussof, Nor., 2020, Physical, morphological and antibacterial properties of lime essential oil nanoemulsions prepared via spontaneous emulsification method, *LWT*, 128.
- Lin TK, Zhong L, Santiago JL, 2017, Anti-Inflammatory and Skin Barrier Repair Effects of Topical Application of Some Plant Oils, *Int J Mol Sci.*, **19**(1):70.
- Madigan, M.T., Martinko, J.M., dan J. Parker, 2000, *Biology of Microorganisms*, 9th Ed., Prentice Hall International Inc., New Jersey.
- Mangun, G. R., Fries, P., Bastos, A. M., Usrey, W. M., Adams, R. A., & Friston, K.J., 2012, Canonical microcircuits for predictive coding, *Neuron*, **76** (4) : 695-711
- Miryala V. and Kurakula M., 2013, Self-Nano Emulsifying Drug Delivery System (SNEDDS) for Oral Delivery of Atorvastatin-Formulation and

- Bioavailability Studies, *Journal of Drug Delivery & Therapeutics*, **3**(3), 131-142.
- Moghimi R, Ghaderi L, Rafati H, Aliahmadi A, McClements DJ, 2016, Superior antibacterial activity of nanoemulsion of *Thymus daenensis* essential oil against *E. coli*, *Food Chem*, **194**:410-415.
- Mortazavi, S. A., Pishrochi, S., & Jafari Azar, Z., 2013, Formulation and In-vitro Evaluation of Tretinoin Microemulsion as a Potential Carrier for Dermal Drug Delivery, *Iranian journal of pharmaceutical research : IJPR*, **12**(4), 599–609.
- Movita T., 2013, Acne Vulgaris. *Continuing Medical Education- 202*, **40**(3)
- Najafi-Taher, R., Amani, A., 2017, Nanoemulsions: colloidal topical delivery systems for antiacne agents-A Mini-Review, *Nanomedicine Research Journal*, **2**(1):49-56.
- Najmeh Feizi Langaroudi, N., Motakef Kazemi, N., 2019, Preparation and characterization of O/W nanoemulsion with Mint essential oil and Parsley aqueous extract and the presence effect of chitosan, *Nanomedicine Research Journal*, **4**(1):48-55.
- Owen RW, Giacosa A, Hull WE, Haubner R, Würtele G, Spiegelhalder B, Bartsch H., 2000, Olive-oil consumption and health: the possible role of antioxidants, *Lancet Oncol*, **1**:107–112.
- Patel, J., Kevin, G., Patel, A., Raval, M., Sheth, N., 2011, Design and development of a self-nanoemulsifying drug delivery system for telmisartan for oral drug delivery, *Int. J. Pharm. Investig.*, **1**: 112.
- Prakash, A., Baskaran, R., Paramasivam, N., Vadivel, V., 2018, Essential oil based nanoemulsions to improve the microbial quality of minimally processed fruits and vegetables, *A review. Food Res. Int.*, **111**: 509–523.
- Praveen Kumar Gupta, Nividha Bhandari, Hardik N. Shah, Vartika Khanchandani, R. Keerthana, Vidhyavathy Nagarajan and Lingayya Hiremath, 2019, An Update on Nanoemulsions Using Nanosized Liquid in Liquid Colloidal Systems, Nanoemulsions-Properties, Fabrications and Applications, Kai Seng Koh and Voon Loong Wong, *IntechOpen*.
- Purnomo A., Hartatik, Khusnan, Salasia, S.I.O. dan Soegiyono, 2006, Isolasi dari karakterisasi *Staphylococcus aureus* asal susu kambing Peranakan Ettawa, *Media Kedokteran Hewan*, **22**, 142-147.
- Rajab, Nawal A., 2013, Preparation and Evaluation of Ketoprofen as Dermal Spray Film, *Kerbala Journal of Pharmaceutical Science*. **6**.
- Ramdani, Resti dan Sibero, Hendra T., 2015, Treatment of *Acne Vulgaris*, *J Majority* **4** (2).
- Ruiz-Navajas, Yolanda & Viuda-Martos, Manuel & Sendra, Esther & Pérez-Álvarez, Jose & Fernández-López, Juana, 2013, In vitro antibacterial and antioxidant properties of chitosan edible films incorporated with *Thymus moroderi* or *Thymus piperella* essential oils. *Food Control*, **30**:386-392.
- Romero, Julio & Ríos, Humberto & Borges, Anabela & Simões, Manuel, 2015, Antibacterial Effects and Mode of Action of Selected Essential Oils

- Components against *Escherichia coli* and *Staphylococcus aureus*. Evidence-based Complementary and Alternative Medicine. **10**:1155.
- Ross, Z. M., E. A. O'Gara, D. J. Hill, H. V. Sleightholme and D. J. Maslin, 2001, Antimicrobial properties of garlic oil against human enteric bacteria: evaluation of methodologies and comparison with garlic sulfides and garlic powder, *Appl. Environ. Microbiol.*, **67**: 475-485.
- Rowe, R.C., Sheskey, P.J., dan Quinn, M.E., 2009, *Handbook of Pharmaceutical Excipient*, 6th Ed., 155-156, 283-284, 441-443, 445-446, 549-553, 596-597, 779 Pharmaceutical Press and American Pharmacist Association, London.
- Saingam Worawan, Natawat Chankana, Fameera madaka, Lukeman Sueree, Suphalak Homchuam, 2018, Formulation Development Of Topical Film Forming Spray from *Piper Nigrum* L., *Thai Journal of Pharmaceutical Sciences*, **42**:219-222.
- Saising, Jongkon & Hiranrat, Asadhawut & Mahabusarakam, Wilawan & Oongsakul, Metta & Voravuthikunchai, Supayang, 2008, Rhodomyrtone from *Rhodomyrtus tomentosa* (Aiton) Hassk. as a Natural Antibiotic for *Staphylococcal* Cutaneous Infections, *Journal of Health Science*, **54**: 589-595.
- Sastrohamidjojo, H., 2002, *Kromatografi*, Edisi Kedua, 26-32, Penerbit Liberty Yogyakarta, Yogyakarta.
- Schmidts, Thomas & Dobler, Dorota & Guldan, A.-C & Paulus, N. & Runkel, Frank, 2010, Multiple W/O/W emulsions Using the required HLB for emulsifier evaluation, *Colloids Surf. Physicochem Eng. Aspects* **372**(1-3):48-54.
- Selvi Sutjahjokartiko, 2017, Pengaruh Konsentrasi Pengawet DMDM Hydantoin Terhadap Karakteristik, Stabilitas, Fisika & pH Pada Water Based Pomade Yang Mengandung Ekstrak Aloe Vera, *Jurnal Ilmiah Mahasiswa Universitas Surabaya*.6(2).
- Shah, P, Bhalodia, D, Shelat, P., 2010, Nanoemulsion: A Pharmaceutical Review, *Systematic Reviews in Pharmacy*, **1** (1): 24-32.
- Shakeel, F., Baboota, S., Ahuja, A., Ali, J., Faisal, M.S. & Shafiq, S., 2008, Stability Evaluation of Celecoxib Nanoemulsion Containing Tween 80. *Thai J. Pharm. Sci.*, **32**: 4-9.
- Shituu, A.O., Okon, K., Adesida, S., Oyedara, O., Witte, W., Strommenger, B., Layer, F., Nubel, U., 2011, Antibiotic Resistance and Molecular Epidemiology of *Staphylococcus aureus* in Nigeria, *BMC Microbiology*, **11**: 92.
- Sitohang IBS, Fathan H, Effendi E, Wahid M., 2019, The susceptibility of pathogens associated with acne vulgaris to antibiotics, *Med J Indonesia*, **28**(1):21-7.
- Sidek dan Abdullah, 2017, Potential Antibacterial Activity of Essential oil of *Citrus hystrix* and *Chromolaena odorata* Leaves, *Proceeding of the Second International Conference on the Future of ASEAN (ICoFA)*. **2**.
- Skaria, B.P., Joy, P.P., Mathew, G., Mathew, S., Joseph, A., 2012, *Lemongrass. Handb.*, Herbs Spices Second Ed.

- Soepomo. 2012. Jeruk Purut (*Citrus hystrix* D. C.). <http://www.pdpersi.co.id>. Diakses tanggal 15 November 2019.
- Srifuengfung, S., Bunyaphrathasara, N., Satitpatipan, V., Tribuddharat, C., Junyaprasert, V. B., Tungrugsasut, W., & Srisukh, V., 2019, Antibacterial oral sprays from Kaffir lime (*Citrus hystrix* DC.) fruit peel oil and leaf oil and their activities against respiratory tract pathogens. *Journal of Traditional and Complementary Medicine*. **1**.
- Srisukh, V., Tribuddharat, C., Nukoolkarn, V., Bunyapraphatsara, N., Chokephaibulkit, K., Phoomniyom, S., Chuanphung, S. & Srifuenfung, S., 2012, Antibacterial Activity of Essential Oils from *Citrus hystrix* (Makrut Lime) Against Respiratory Tract Pathogens, *Science Asia*, **38** (2), 212–217.
- Sugiyono, 2016, *Metode Penelitian Kuantitatif, Kualitatif dan R&D*, PT Alfabet, Bandung.
- Sundararajan, B., Moola, A. K., Vivek, K., & Kumari, B. D. R., 2018, Formulation of nanoemulsion from leaves essential oil of *Ocimum basilicum* L. and its antibacterial, antioxidant and larvicidal activities (*Culex quinquefasciatus*), *Microbial Pathogenesis*, **1**.
- Suwarda dan Maarif, M.S., 2011, Pengembangan Inovasi Teknologi Nanopartikel Berbasis PAT Untuk Menciptakan Produk Yang Berdaya Saing, *J Tek. Ind.*, 104-122.
- Suyamto, Supriyanto, A., Agustian, A., Triwiratno, A., Winarno, M., 2005., Prospek dan Arah Pengembangan Agribisnis Jeruk, *Badan Penelitian dan Pengembangan Penelitian Departemen Pertanian*, Jakarta.
- Tahir, M., 2010, Patogenesis of acne Vulgaris. *Journal of Pakistan Association of Dermatologists*, **10** :93-97.
- Taleb, Mohammed & Abdeltawab, Nourtan & Shamma, Rehab & Abdelgayed, Sherein, & Elsayed, Sarah & Farag, Mohamed & Ramadan, Mohammed, 2018, *Origanum vulgare* L. Essential Oil as a Potential Anti-Acne Topical Nanoemulsion In Vitro and In Vivo Study, *Molecules*, **23**:2164.
- Taurina, W., Sari, R., Hafinur, U., Wahdaningsih, S., Isnindar, 2017, Optimasi kecepatan dan lama pengadukan terhadap ukuran nanopartikel kitosan-ekstrak etanol 70 % kulit jeruk siam (*Citrus Nobilis* L. Var Microcarpa). *Tradit. Med. J.*, **22**:16–20.
- Tenover, F.C., 2006, Mechanisms of antimicrobial resistance in bacteria. *Am. J. Infect. Control*, **34**.
- Thate MR. 2004. Synthesis and Antibacterial Assessment of Water-Soluble Hydrophobic Chitosan Derivatives Bearing Quaternary Ammonium Functionality. Louisiana: Disertasi.
- Tian, W.-L., Lei, L.-L., Zhang, Q., & Li, Y., 2015, Physical Stability and Antimicrobial Activity of Encapsulated Cinnamaldehyde by Self-Emulsifying Nanoemulsion. *Journal of Food Process Engineering*.
- Tjekyan, R. M. S., 2008, Kejadian dan Faktor Resiko Akne Vulgaris, *Media Medika Indonesia*, **43** : 37-43.
- Tofiño-Rivera, A., Ortega-Cuadros, M., Galvis-Pareja, D., Jiménez-Rios, H., Merini, L.J., Martínez-Pabón, M.C., 2016, Effect of *Lippia alba* and

- Cymbopogon citratus* essential oils on biofilms of *Streptococcus mutans* and cytotoxicity in CHO cells. *J. Ethnopharmacol.* **194**: 749–754.
- Treangen, T. J., Maybank, R. A., Enke, S., Friss, M. B., Diviak, L. F., Karaolis, D. K., Koren, S., Ondov, B., Phillippy, A. M., Bergman, N. H., & Rosovitz, M. J., 2014, Complete Genome Sequence of the Quality Control Strain *Staphylococcus aureus* subsp. *aureus* ATCC 25923. *Genome announcements*, **2**(6).
- Troy, D. B., 2006, *Remington : The Science and Practice of Pharmacy*, 326, Lippincott Williams & Wilkins, Philadelphia.
- Ulyarti & Rahmi, 2019, Pengaruh Lama Fermentasi Terhadap Rendemen dan Mutu Fisik Minyak Nilam Pogostemon cablin Benth, *Jurnal Teknologi dan Industri Pertanian Indonesia*, **11** (1).
- USDA, 2011, United States Departement of Agriculture, *Staphylococcus aureus*. United State Departement of Agriculture, United State.
- Vasanthakumari R., 2007, *Text Book of Microbiology*, BI Publications, New Delhi.
- Viljoen J.M., Cowley A., du Preez J., Gerber M., du Plessis J., 2015, Penetration enhancing effects of selected natural oils utilized in topical dosage forms, *Drug Dev. Ind. Pharm.*, **41**:2045–2054.
- Visioli, F., Poli, A., & Gall, C., 2002, Antioxidant and Other Biological Activities of Phenols from Olives and Olive Oil, *Med. Res. Rev.*, 65-75.
- Warsito & Noorhamdani, Noorhamdani & Sukardi, Sukardi & Suratmo, Suratmo. 2017, Aktivitas Antioksidan Dan Antimikroba Minyak Jeruk Purut (*Citrus hystrix* D.C.) Dan Komponen Utamanya, *Journal of Enviromental Engineering and Sustainable Technology*, **4**:13-18.
- Widodo, 2005, Identifikasi Hasil Distilasi Minyak Atsiri dari Minyak BagianBagian Tanaman Jeruk Purut (*Citrus hystrix* D.C.), Tesis, Fakultas Teknik, Universitas Gadjah Mada, Yogyakarta.
- Winarno, FG, 2002, *Kimia Pangan dan Gizi*. Gramedia. Jakarta.
- Yenni, Amin Safrudin, Djawad Khairuddin, 2011, Perbandingan Efektivitas Adapelene 0.1% Gel Dan Isotretinoin 0.05% Gel Yang Dinilai Dengan Gambaran Klinis Serta ProfilInterleukin 1 (IL-1) Pada Acne Vulgaris, *JST Kesehatan*.
- Yildirim, Simge & Oztop, Mecit & Soyer, Yesim, 2017, Cinnamon oil nanoemulsions by spontaneous emulsification: Formulation, characterization and antimicrobial activity. *LWT-Food Science and Technology*. **84**.
- Yuliani, R., Indrayudha, P., Rahmi, S.S., 2011, Aktivitas Antibakteri Minyak Atsiri Daun Jeruk Purut (*Citrus hystrix* DC.) Terhadap *Staphylococcus aureus* dan *Escherichia coli* , *Pharmacon* , **12**(2): 50.