



DAFTAR PUSTAKA

- Abdulrahman, A. A., Abuelizz, H. A., Taie, H. A. A., ElHassane, A., Marzouk, M., dan Al-Salahi, R., (2019) Investigation the antioxidant activity of benzo[g]triazoloquinazolines correlated with a DFT study. *Saudi Pharmaceutical Journal.* 10(2): 12-17.
- Adeleye, O. A., Bamiro, O., Akpotu, M., Adebawale, M., Daodu, J., dan Sodeinde, M. A., (2021) Physicochemical Evaluation and Antibacterial Activity of *Massularia acuminata* Herbal Toothpaste. *Turk. J Pharm. Sci.* 18(4): 476-482.
- Adnan, J., Karim, A., dan Asri, K., (2019) Formulasi Pasta Gigi dari Ekstrak Etanol Daun Binahong (*Anredera cordifolia* (Ten.) Steenis) dengan *Natrii carboxymethylcellulosum* sebagai Pengental. *Media Farmasi Poltekkes Makassar.* 15(2): 35-40.
- Afni, N., Said, N., dan Yuliet, (2015) Uji Aktivitas Antibakteri Pasta Gigi Ekstrak Biji Pinang (*Areca catechu* L.) terhadap *Streptococcus mutans* dan *Staphylococcus aureus*. *Galenika Journal of Pharmacy.* 1(1): 48-58.
- Alejo-armijo, A., Altarejos, J., dan Salido, S., (2017) Phytochemicals and Biological Activities of Laurel Tree (*Laurus nobilis*). *Natural Product Communication.* 12(5): 743-757.
- Almohefer, S. A., Levon, J. A., Gregory, R. L., Eckert, G. J., dan Lippert, F., (2018) Caries Lesion Remineralization with Fluoride Toothpastes and Chlorhexidine – Effects of Application Timing and Toothpaste Surfactant. *J. Appl. Oral. Sci.* 12(3): 34-39.
- Anju, T. dan Aiswarya, K., (2016) Formulation and antimicrobial evaluation of toothpastes containing arginine and proline. *IJAPBC.* 5(2): 143-147.
- Annisa, M., Nuryanti, A., dan Dewi, A. H., (2022) Effectivity of Multifunction Herbal Toothpaste Containing Bay Leaf (*Eugenia polyantha* Wight) Extract as Extrinsic Stain Removal on Teeth and Denture. *Odonto Dental Journal.* 9(1): 40-50.
- Anusavice, K.J., Shen, C., dan Rawls H.R., (2013) *Phillips' Science of Dental Materials.* 12th ed. Missouri: Elsevier. pp. 250-251.
- Aziz, Z. A. A., Ahmad, A., Setapar, S. H. M., Karakucuk, A., Azim, M. M., Lokhat, D., Rafatullah, M., Ganash, M., Kamal, M. A., dan Ashraf, G. M., (2018) Essential Oils: Extraction Techniques, Pharmaceutical and Therapeutic Potential - A Review. *Curr Drug Metabol.* 19(1): 1100–1110.



- Al-Huraishi, H., Moran, J., Jagger, R., dan MacDonald, E., (2013) Evaluation of stain removal and inhibition properties of eight denture cleansers: An in vitro study. *Gerodontology*. 30(2): 10–17.
- Ayaz, E. A., dan Ustun, S., (2019) Effect of Staining and Denture Cleaning on Color Stability of Differently Polymerized Denture Base Acrylic Resins. *NJCP*. 22(3): 1070–1077.
- Baharvand, M., Samorodnizky-Naveh G. R. Samorodnitzky-Naveh, S. B., Geiger, dan Levin, L., (2007) Patients' satisfaction with dental esthetics. *J. Am. Dent. Assoc.* 13(8): 805-808.
- Bahriul, P., Rahman, N., dan Diah, A. W. M., (2014) Uji Aktivitas Antioksidan dengan Ekstrak Daun Salam (*Syzygium polyanthum*) dengan menggunakan 1,1-difenil-2-pikrilhidrazil. *J. Akad. Kim.* 3(3): 143-149.
- Bersezio, C., Martin, J., Mayer, C., Rivera, O., Estay, J., Vernal, R., dkk., (2018) Quality of life and stability of tooth color change at three months after dental bleaching. *Quality of Life Research*. 3(1): 72-81.
- Brennan, M. M., Hallas, D., Jacobs, S. K., Robbins, M., dan Northridge M., (2014) Home-use whitening toothpastes for whitening teeth in adults. *Cochrane Database of Systematic Reviews*. 2(1): 1-4.
- Brito, A. C. M., Dantas, L. R., Brito, A. L. F., Muniz, A. C. S., dan Ramos, I. A., (2015) Loss on Drying, Calcium Concentration, and pH of Fluoride Dentifrices. *Contemp. Clin. Dent.* 6(5): 72-76.
- Budiarto H. dan Adiwarna, (2013) Pengaruh Konsentrasi Gliserin terhadap Viskositas dari Pembuatan Pasta Gigi Cangkang Kerang Darah. *Konversi*. 2(2): 13-23.
- Castillo-henriquez, L., Alfaro-aguilar, K., Ugalde-alvarez, J., Vega-fernandez, L., Oca-vasquez, G.M., dan Vega-baudrit, J.R., (2020) Green Synthesis of Gold and Silver Nanoparticles from Plant Extracts and Their Possible Applications as Antimicrobial Agents in the Agricultural Area. *Nanomaterials*. 10(1): 1-24.
- Chahal, K. K., Kaur, M., Bhardwaj, U., Singla, N., dan Kaur, A., (2017) A review on chemistry and biological activities of *Laurus nobilis* L. essential oil. *J. Phar. Phyto*. 6(3): 1153-1157.
- Chandra, A. K. F., dan Proborini, W. D., (2018) Analisa komposisi minyak atsiri kulit jeruk manis hasil ekstraksi metode *microwave hydrodiffusion and gravity* dengan GC-MS. *Rekabuana*. 3(1): 25-32.



- Cho, M. J., (2020) The Tooth Whitening Effect of Toothpaste Containing High Cleaning Silica and Sodium Hexametaphosphate and the Preventive Effect of Staining by Coffee, Tea and Wine. *International Journal of Clinical Preventive Dentistry*. 1(6): 192–199.
- Chumpitaz-Durand, R. B., dan Córdova-Sotomayor, D. Á., (2018) Prevalence and risk factors for extrinsic discoloration in deciduous dentition of peruvian schoolchildren. *Rev. Fac. Odontol.* 2(9): 15-24.
- Daniel, W. W. dan Cross, C. L., (2013) *Biostatistics – A Foundation for Analysis in the Health Sciences*. 10th Ed. New Jersey: Wiley Publisher.
- De-Guzman C. C. dan Siemonsma, J. S., (1999) *Plants Resources of South-East Asia 13: Spices*. Bogor: Prosea Foundation. <https://www.prota4u.org/prosea/view.aspx?id=598> (03/04/2022)
- Di-Leo-Di-Leo-Lira, P., Retta, D., Tkacik, E., Ringuelet, J., Coussio, J. D., van Baren, C., dan Bandoni, A. L., (2009) Essential oil and by-products of distillation of bay leaves (*Laurus nobilis* L.) from Argentina. *Industrial Crops and Products*. 30(2): 259–264.
- Dong, W. Y., Li, R., Wang, Y., dan Tan, J., (2020) Antioxidant compound screening and chemical composition of sweet ginger (*Alpinia coriandriodora* D. Fang) essential oil and the mechanism of scavenging radicals. *J. Food Biochem.* 44(4): 1-9.
- Ekor, M., (2015) The growing use of herbal medicines: issues relating to adverse reactions and challenges in monitoring safety. *Front. Phar.* 4(1): 177-187.
- Epple, M., Meyer, F., dan Enax, J., (2019) Review A Critical Review of Modern Concepts for Teeth Whitening. *Dent. J.* 7(3): 79-83.
- Felton, D., Cooper, L., Duqum, I., Minsley, G., Guckes, A., Haug, S., Meredith, P., Solie, C., Avery, D., dan Chandler, N. D., (2011) Evidence-based guidelines for the care and maintenance of complete dentures, A publication of the American College of Prosthodontists. *JADA*. 14(2): 4-8.
- Fidan, H., Stefanova, G., Kostova, I., Stankov, S., Damyanova, S., Stoyanova, A., dan Zheljazkov, V. D., (2019) Chemical Composition and Antimicrobial Activity of *Laurus nobilis* L. Essential oils from Bulgaria. *Molecules*. 2(4): 1–10.
- Gaffar, A., Affilitto, J. J., Polefka, T. G., Nabi, N., dan Joziak, M. T., (2010) Oral compositions containing anticalculus and antiplaque agents. USA Patent Office. *Patent No. US6214329B1*.



- Gaikwad, V. L., Yadav, V. D., Dhavale, R. P., Choudhari, P. B., dan Jadhav, S. D., (2012) Effect of Carbopol 934 and 940 on fluconazole release from topical gel formulation: A factorial approach. *Curr. Pharm. Res.* 2(2): 487-493.
- Ganns, C., Schlueter, N., Preiss, S., dan Klimek, J., (2008) Tooth brushing habits in uninstructed adults – Frequency, technique, duration, and force. *Clin. Oral Invest.* 13(2): 23-28.
- Goncalves, G. M. S., Bottaro, M., dan Nilson, A. C., (2011) Effect of the *Thymus vulgaris* essential oil on the growth of *Streptococcus mutans*. *Rev. Cienc Farm. Basica Apl.* 32(3): 375-380.
- Gratia, B., Yamlean, P. V. Y., dan Mansauda, K. L. R., (2021) Formulation of toothpaste of nutmeg ethanol extract (*Myristica fragrans* Houtt.). *Pharmacon.* 10(3): 968-974.
- Gultom, E dan Sormin, T., (2017) Analisis status kesehatan gigi dan kebutuhan perawatan gigi pada murid-murid SD di Kota Bandar Lampung. *Jurnal Keperawatan.* 13(1):67-74.
- Ha, W. H., Ahn, J. H., You, A. R., Kim, J. H., Cho, M. J., dan Shin, S. C., (2013), The Interdental Cleansing, Stain Removing and Calculus Deposit Inhibition Effect of Toothpaste Containing Tetrasodium Pyrophosphate and Soft Granule (Zeolite-M). *IJCPD.* 9(4): 199-206.
- Hajizadeh, M., Movahedi, Z. M., Sheibani, N., dan Moosavi, M. A. A., (2021) An outlook on suicide enzyme inhibition and drug design. *Journal of the Iranian Chemical Society.* 7(5): 15-25.
- Hamad, A., Mahardika, M. G. P., Yuliani, I., dan Hartanti, D., (2017) Chemical constituents and antimicrobial activities of essential oils of *Syzygium polyanthum* and *Syzygium aromaticum*. *Rasayan Journal of Chemistry.* 10(2): 564–569.
- Haque, M., Singh, A. K., Maurya, S. K., dan Seth, A., (2014) Formulation development, physico-chemical characterization and evaluation of anti-microbial activity of herbal tooth gel. *J. Chem. Phar. Res.* 63(1): 1279-1285.
- Harfouch, R. M., Darwish, M., Ghosh, S., Beesh, M., Ibrahim, N., Dayoub, H., Zein, R., dan Ahamadi, S., (2020) Formulation and Preparation of a Novel Toothpaste Using the Essential Oil of *Salvia officinalis*. *SSRN.* 1(2): 1–13.
- Harismah, K., dan Chusniyatun (2016) Pemanfaatan Daun Salam (*Eugenia polyantha*) sebagai Obat Herbal dan Rempah Penyedap Makanan. *Warta LPM.* 19(2): 110-118.



- Hidayaturrahman, Asidiki, H., Sari, C. N., dan Harismah, K., (2020) Development of Herbal Toothpaste Formulation with Combination of Binahong and Stevia (*Stevia rebaudina*) Leaves Extract and Lemon Juice. *Journal of Nutraceuticals and Herbal Medicine*. 3(2): 15-22.
- Honarvar, M., Khosh-Khui, M., dan Javidnia, K., (2010) Factors affecting essential oil quantity and quality of Damask rose in two regions of Southern Iran. *Acta Horticulturae*. 8(4): 241–248.
- Hudaib, M., Speroni, E., Di Pietra, A. M., dan Cavrini, V., (2002) GC/MS evaluation of thyme (*Thymus vulgaris* L.) oil composition and variations during the vegetative cycle. *Journal of Pharmaceutical and Biomedical Analysis*. 29(1): 691–700.
- Irfany, Dharmautama, M., dan Damayanti, I., (2014) Stabilitas warna basis akrilik gigi tiruan lepasan setelah pembersihan dengan ekstrak dan infusa bunga rosella. *Journal of Dentomaxillofacial Science*. 13(1): 38-43.
- Irshad, M. D., Zafaryab, M. D., Singh, M., dan Rizvi, M. M. A., (2012) Comparative analysis of the antioxidant activity of *Cassia fistula* extracts. *Int. J. Med. Chem.* 20(12): 71-80.
- Ismail, A., dan Wan Ahmad, W. A. N., (2019) *Syzygium polyanthum* (Wight) Walp: A potential phytomedicine. *Pharmacognosy Journal*. 11(3): 429–438.
- ISO11609, (2017) Dentistry-Dentrifrices-Requirements, test methods and marking. *ISO 11609:2017(E)*, <https://www.sis.se/std-921914>.
- Istiqomah, Harlia, dan Jayuska, A., (2020) Karakterisasi minyak atsiri daun salam (*Syzygium polyanthum* Wight) asal Kalimantan Barat dengan metode distilasi uap. *Jurnak Kimia Khatulistiwa*. 8(3): 37-44.
- Jannah, H. dan Safnowandi, (2018) Identifikasi jenis tumbuhan obat di Kawasan Desa Batu Mekar Kecamatan Lingsar Kabupaten Lombok Barat. *Jurnal Ilmiah Biologi*. 6(1): 1-15.
- Jayasinghe, C. D. dan Jayawardena, U. A., (2019) Toxicity assessment of herbal medicine using zebrafish embryos: A systematic review. *Evidence-Based Complementary and Alternative Medicine*. 20(3): 173-190.
- Joiner, A., (2007) *Handbook for Cleaning/Decontamination of Surfaces*. New York: Elsevier. pp. 375–376. <https://doi.org/10.1016/B978-044451664-0/50010-3>
- Kalliath, C., Mukunda, A., Pynadath, M., Venugopal, V., Prethweeraj, J., (2018) Comparison between the effect of commercially available chemical teeth



whitening paste and teeth whitening paste containing ingredients of herbal origin on human enamel. *AYU*. 39(2): 113-7.

Karadağlıoğlu, Ö. İ., Ulusoy, N., Başer, K. H. C., Hanoğlu, A., dan Şık, İ., (2019) Antibacterial activities of herbal toothpastes combined with essential oils against streptococcus mutans. *Pathogens*. 8(4): 12-18.

Khasanah, L. U., Krisnawati, S. N., Utami, R., dan Anandito, B. K., (2015) Pengaruh perlakuan pendahuluan dan variasi metode distilasi terhadap karakteristik mutu minyak atsiri daun kayu manis (*C. burmanii*). *Jurnal Teknologi Hasil Pertanian*. 9(2): 51-64.

Kiani, M., Firoozian, F., dan Moradkhani, S., (2017) Formulation and physicochemical evaluation of toothpaste formulated with *Thymus vulgaris* essential oil. *J. Herbmed Pharmacol.* 6(3) 130-135.

Lee, S. W., Hahn, B. D., Kang, T. Y., Lee, M. J., Choi, J. Y., Kim, M. K., dan Kim, S. G., (2014) Hydroxyapatite and collagen combination-coated dental implants display better bone formation in the peri-implant area than the same combination plus bone morphogenetic protein-2-coated implants, hydroxyapatite only coated implants, and uncoated implants. *J. Oral Maxillofac. Surg.* 72(1): 53-60.

Lee, Y. K., Yu, B., Lim, H. N., dan Lim, J. I., (2021) Difference in the color stability of direct and indirect resin composites. *J. Appl. Oral Sci.* 19(2): 154-160.

Li, Y., (2017) Stain removal and whitening by baking soda dentrifrice: A review of literature. *JADA*. 148(11): 20-26.

Liu, C. J., Zhang, S. Q., Zhang, J. S., Liang, Q., dan Li, D. S., (2012) Chemical composition and antioxidant activity of essential oil from berries of *Schisandra chinensis* (Trucz.) Baill. *Nar. Prod. Res.* 26(23): 2199-2203.

Luliana, S., Purwanti, N. U., dan Manihuruk, K. N., (2016) Pengaruh Cara Pengeringan Simplisia Daun Senggani (*Melastoma malabathricum* L.) Terhadap Aktivitas Antioksidan Menggunakan Metode DPPH (2,2-difenil-1-pikrilhidrazil). *Pharm. Sci. Res.* 3(3): 16-24.

Madhuri, S. V. dan Buggapati, L., (2017) Dentifrices: An overview from past to present. *Int. J. Appl. Dent. Sci.* 3(4): 352-355.

Maldupa, I., Brinkmane, A., Rendeniece, I., dan Mihailova, A., (2012) Evidence based toothpaste classification, according to certain characteristics of their chemical composition. *Stomatologija Baltic Dental and Maxillofacial Journal*. 14(3): 12-22.



- Marquillas, C. B., Procaccini, R., Malmagro, M. V., dan Sanchez-martin, M. J., Breaking the rules: tooth whitening by means of a reducing agent. *Clin. Oral. Invest.* 10(1): 23-30.
- Menezes, V. A. de, Lorena, R. P. F., Rocha, L. C. B., Leite, A. F., Ferreira, J. M. S., dan Granville-Garcia, A. F., (2010) Oral hygiene practices, dental service use and oral health self-perception of schoolchildren from a rural zone in the Brazilian Northeast region. *Revista Odonto Ciência (Online)*. 2(5): 25–31.
- Nathoo, S. A., (2007) The chemistry and mechanisms of extrinsic and intrinsic discoloration. *Journal of the American Dental Association*. 12(8): 65-75.
- Nielsen, C. K., Kjems, J., Mygind, T., Snabe, T., dan Meyer, L. K., (2016) Effects of Tween 80 on Growth and Biofilm Formation in Laboratory Media. *Front. Microbiol.* 10(3): 16-25.
- Nuraskin, C., Reca, R., Salfiyadi, T., Abdurrahman, Faisal, T. I., dan Soraya, C., (2021) Toothpaste activity test of laban leaf methanol extract (*Vitex pinnata*) against the growth of *Streptococcus mutans* bacteria. *J. Med. Sci.* 12(9): 95-100.
- Nuryanti, A., Soesatyo, M. N. H. E., Agustina, D., dan Sunarintyas, S., (2015) The effects of ultrasonic scaling duration and replication on caspase-3 expression of Sprague Dawley rat's pulp cells. *Dent. J.* 48(2): 48-52.
- Ogboji, J., Y. Chindo, I., Jauro, A., Boryo, D., dan Lawan, N. M., (2018) Formulation, physicochemical evaluation and antimicrobial activity of green toothpaste on streptococcus mutans. *International Journal of Advanced Chemistry*. 6(2): 108-115.
- Oshida, Y., (2013) *Bioscience and Bioengineering of Titanium Materials*. 2nd Ed. London: Elsevier. pp. 37.
- Oyewale, A. O. (2014) Estimation of the essential inorganic constituents of commercial toothpaste. *Journal of Scientific & Industrial Research*. 64(3): 101-107.
- Phalke, P. L., Rukari, T. G., dan Jadhav, A. S., (2019) Formulation and evaluation of toothpaste containing combination of aloe and sodium chloride. *IJD SR*. 10(2): 1462–1467.
- Pickles, M. J., Evans, M., Philpotts, C. J., Joiner, A., Lynch, R. J. M., Noel, N., dan Laucello, M., (2005) In vitro efficacy of a whitening toothpaste containing calcium carbonate and perlite. *IDJ*. 5(5): 197–202.



- Powers, J. M., dan Wataha, J. C., (2017) *Dental Materials Foundations and Applications*. 11th Ed. Missouri: Elsevier. pp. 79
- Prathap, S., Rajesh, H., Boloor, V. A., dan Rao, A. S., (2013) *Extrinsic stains and management: A new insight*. *J. Acad. Indus. Res.* 11(2): 435–442.
- Pratiwi, Ery, I., dan Hadiwiyoto., S., (2007), Optimasi Produksi Minyak Daun Salam (*Syzygium polyanthum*) dan Identifikasi Senyawa Volatilnya, *thesis*, UGM.
- Pratiwi, F. R. N. I., (2016) Formulasi Sediaan Gel Pasta Gigi Minyak Atsiri Kemangi (*Ocimum basilicum L.*) dan Uji Aktivitas Antibakteri terhadap Bakteri *Streptococcus mutans*. *Naskah Publikasi*. UMS.
- Pribadi E., (2009) Pasokan dan Permintaan Tanaman Obat Indonesia serta Arah Penelitian dan Pengembangannya. *Jurnal Perspektif*. 8(1): 52-64.
- Purwanto, D., Bahri, S., dan Ridhay, A., (2017) Uji Aktivitas Antioksidan Ekstrak Buah Purnajiwa (*Kopsia arborea* Blume.) dengan berbagai Pelarut. *Kovalen Jurnal Riset Kimia*. 3(1): 62-69.
- Rahardjo, A., Gracia, E., Riska, G., Adiatman, M., dan Maharani, D. A., (2015) Potential Side Effects of Whitening Toothpaste on Enamel Roughness and Micro Hardness. *Int. J. Clin. Prev. Dent.* 11(4): 239-242.
- Ramadhan, I. P. A., Damiyanti, M., dan Triaminingsih, S., (2018) Effects of brushing with abrasive dentifrices containing various materials on the surface roughness of acrylic resins. *J. Phys. Conf. Ser.* 10(7): 56-67.
- Rao, V. R., (2016) Chapter 7 - Antioxidant Agents. *Advances in Structure and Activity Relationship of Coumarin Derivatives*. Missouri: Elsevier. pp. 137.
- Reynolds, E. C., (2014) Contents of toothpaste – safety implication. *NPS Medicinewise*. 17(1): 49-51.
- Rezaie, H. R., Rizi, H. B., Khamseh, M. M. R., dan Ochsner, A., (2020) *A Review on Dental Materials*. Switzerland: Springer. pp. 173-175
- Rincon, E., Serrano, L., Balu, A. M., Aguilar, J. J., Luque, R., dan Garcia, A., (2019) Effect of Bay Leaves Essential Oil Concentration on the Properties of Biodegradable Carboxymethyl Cellulose-based Edible Films. *MDPI*. 12(1): 1–16.
- Salzer, S., Rosema, N. A. M., Martin, E. C. J., (2016) The effectiveness of dentifrices without and with sodium lauryl sulphate on plaque, gingival abrasion – a randomized clinical trial. *Clin. Oral Investig.* 20(3): 443-450.



- Saputri, A., (2019) Uji antimikroba ekstrak daun salam (*Syzygium polyanthum*) terhadap pertumbuhan bakteri *Escherichia coli*. *Jurnal Insan Cendekia*. 6(2): 67-73.
- Sarikurkcu, C., Ozer, M. S., Cakir, A., Eskici, M., dan Mete, E., (2013) GC/MS Evaluation and In Vitro Antioxidant Activity of Essential Oil and Solvent Extracts of an Endemic Plant Used as Folk Remedy in Turkey: *Phlomis bourgaei* Boiss. *Evidence-Based Complementary and Alternative Medicine*. 20(3): 130-137.
- Sastiya, K., Malviya, K., Dwivedi, S., Malviya, S., dan Kharia, A., (2018) Formulation and physicochemical evaluation of toothpaste formulated with Bay Leaf Extract and Compared with Commercial Herbal Toothpastes. *AJPER*. 7(4): 122-130.
- Shah, P. dan Modi, H. A., (2015) Comparative study of DPPH, ABTS, and FRAP assays for determination of antioxidant activity. *International Journal for Research in Applied Science and Engineering Technology*. 3(6): 636-641.
- Sianiar, D. S., Juliasih, N. L. G. R., dan Kiswandono, A. A., (2021) Pembuatan Sabun Cair Cuci Piring Berbasis Surfaktan *Sodium Lauryl Sulphate*. *Anal. Environ. Chem.* 6(2): 188-196.
- Sembiring, B. S., Winarti, C., dan Baringbing, B., (2003) Identifikasi Komponen Kimia Minyak Daun Salam (*Eugenia polyantha*) dari Sukabumi dan Bogor. *Balai Penelitian Tanaman Rempah dan Obat*. 14(2): 9-16.
- Semde, Z., Jean, K., Gilles, F., Cheikna, Z., Marius, SK., Hagretou S. L., dan Alfred, T. S., (2018) Chemical composition, antioxidant and antimicrobial activities of *Lantana camara* Linn leaves essential oil from Burkina Faso. *GSC Biological and Pharmaceutical Sciences*. 5(3): 124-135.
- Shelton, R., (2017) *Biocompatibility of Dental Material*. 1st Ed. Missouri: Elsevier. pp. 117.
- Silalahi, M., (2017) Syzygium polyanthum (Wight) Walp (Botani, Metabolit Sekunder dan Pemanfaatan). *Jurnal Dinamika Pendidikan*. 10(1): 187–202.
- Souza-Rodrigues, R. D., Ferreira, S., D'Almeida-Couto, R. S., Lachowski, K. M., Sobral, M. Â. P., dan Marques, M. M., (2015) Choice of toothpaste for the elderly: an in vitro study. *Braz. Oral Res.* 2(9): 1-8.
- Strassler, H. (2010) Toothpaste Ingredients Make a Difference: Patient Specific Recommendation. *Dent. Update*. 28(3): 144-153.



- Suardhika, I. M., Pratama, I. P. A. A., Budiartha, P. B. P. P., Partayanti, L. P. I., dan Paramita, N. L. P. V., (2018) Perbandingan Pengaruh Lama Pengeringan Terhadap Rendemen Minyak Atsiri Kulit Jeruk Manis (*Citrus sinensis*) dengan Distilasi Uap dan Identifikasi Linalool dengan KLT-Spektrofotodensitometri. *Jurnal Farmasi Udayana*. 7(2): 38-43.
- Sumono, A., dan Wulan, S. D, A., (2008) The use of bay leaf (*Eugenia polyantha* Wight) in dentistry. *Dent. J. (MKG)*. 4(1): 147-150.
- Syamsurizal, Lestari, U., dan Nurhasanah (2019) Formulation of toothpaste activated charcoal from palm shell as teeth whitening for Nicotine addicts. *Int. J. Pharm. Sci.* 58(1): 9-12.
- Therezalmy, G. T., Walters, P. A., Bartizek, R. D., Grender, J. M., dan Biesbroek, A. R., (2008) A clinical evaluation of extrinsic stain removal: a rotation-oscillation power toothbrush versus a dental prophylaxis. *J. Contemp. Dent. Pract.* 9(5): 1-8.
- Tin-Oo, M. M., Saddki, N., dan Hassan, N., (2011) Factors influencing patient satisfaction with dental appearance and treatments they desire to improve aesthetics. *BMC Oral Health*. 11(1): 6-11.
- Umaru, I. J., Umaru, K. I., dan Umaru, H. A., (2020) Phytochemical screening, isolation, characterization of bioactive and biological activity of bungkang, (*Syzygium polyanthum*) root-bark essential oil. *Korean Journal of Food & Health Convergence*. 6(2): 5–21.
- Varges, P. R., Costa, C. M., Fonseca, B. S., Naccache, M. F., dan Mendes, P. R. S., (2019) Rheological Characterization of Carbopol Dispersion in Water and in Water/Glycerol Solutions. *Fluids*. 4(3): 390-419.
- Vranic, E., Lacevic, A., Mehmedagic, A. dan Uzunovic A., (2014) Formulation Ingredients for Toothpastes and Mouthwashes. *Bosnian Journal of Basic Medical Science*. 4(4): 51-58.
- Wang, C., Lucas, R., Smith, A. J., dan Cooper, P. R., (2017) An in vitro screening assay for dental stain cleaning. *BMC Oral Health*. 17(2): 1–10.
- Wartini, N. M., (2009) Senyawa Penyusun Ekstrak Flavor Daun Salam (*Eugenia polyantha* Wight) Hasil Distilasi Uap Menggunakan Pelarut N-Heksana dan Tanpa N-Heksana. *Agrotekno*. 15(2): 72-7.
- Wijayanti, L. P. W., Darsono, F. W., dan Ervina, M., (2017) Penggunaan carbomer 940 sebagai gelling agent dalam formula pasta gigi ekstrak buah apel (*Malus sylvestris* Mill) dalam bentuk gel. *Journal of Pharmacy Science and Practice*. 4(1): 23-8.



UNIVERSITAS
GADJAH MADA

FORMULASI DAN UJI FISIKOKIMIAWI PASTA GIGI MINYAK ATSIRI DAUN SALAM (*Syzygium polyanthum* [Wight] Walp.) SEBAGAI PEMBERSIH DAN PENCEGAH EXTRINSIC STAIN
MUTIARA ANNISA, Dr. drg. Harsini, MS; Dr. rer. nat. Yosi Bayu Murti, S.Si., M.Si., Apt.
Universitas Gadjah Mada, 2022 | Diunduh dari <http://etd.repository.ugm.ac.id/>

Xiao, J., Zhou, X. D., Zhu, W. C., Zhang, B., Li, J. Y., dan Xu, X., (2007) The prevalence of tooth discolouration and the self-satisfaction with tooth colour in a Chinese urban population. *Journal of Oral Rehabilitation*. 3(4): 351–360.

Yilmaz, E. S., Timur, M., dan Aslim, B., (2013) Antimicrobial, Antioxidant Activity of the Essential Oil of Bay Laurel from Hatay, Turkey. *Journal of Essential Oil Bearing Plants*. 16(1): 108-116.

Yuliarto, F. T., Khasanah, L. U., dan Anandito, R. B. K., (2012) Pengaruh Ukuran Bahan Dan Metode Distilasi (Distilasi Air Dan Distilasi Uap-Air) Terhadap Kualitas Minyak Atsiri Kulit Kayu Manis (*Cinnamomum burmannii*). *Jurnal Teknoscains Pangan*. 1(1): 12-17.