

DAFTAR PUSTAKA

- Akinyamoju, C.A., Dosumu, O.D., Taiwo, J.O., Ogunrinde, T.J., dan Akinyamoju, A.O., (2019) Oral health-related quality of life: acrylic versus flexible partial dentures. *Ghana Med J.* 53(2): 163-169.
- Alizar, G.U.A., (2020) Daya guna buah bit (*Beta vulgaris L.*) sebagai terapi antihipertensi. *Jurnal Ilmiah Kesehatan Sandi Husada.* 9(2): 817-823.
- Anusavice, K.J., Shen, C., dan Rawls, H.R., (2013) *Phillip's science of dental materials.* 12th ed. Missouri: Elsevier. pp. 106 dan 107.
- Badri, I.A., (2021) Hubungan penggunaan gigi tiruan dengan kualitas hidup lansia di wilayah kerja puskesmas Batu Aji. *Jurnal SMART Keperawatan.* 8(1): 7-13.
- Baiao, D.S., da Silva, D.V.T., dan Paschoalin, V.M.F., (2020) Beetroot, a remarkable vegetable: its nitrate and phytochemical contents can be adjusted in novel formulations to benefit health and support cardiovascular disease therapies. *Antioxidant.* 9(10): 1-31.
- Carr, A. B., McGivney, G. P., dan Brown, D. T., (2011) *McCracken's Removable Partial Prosthodontic, Elsevier.* 12thed. Canada: Elsevier. pp.12, 103-108.
- Craig, R. G., dan Powers, J. M., (2002). *Restorative Dental Materials.* 11th ed. St. Louis: Mosby.
- Delgado-Vargas, F., Jiménez, A. R., dan Paredes-López, O., (2000). Natural pigments: carotenoids, anthocyanins, and betalains—characteristics, biosynthesis, processing, and stability. *Critical Reviews in Food Science and Nutrition,* 40(3): 173–289.
- Departemen Kesehatan Republik Indonesia, (2019) Situasi kesehatan gigi dan mulut 2019. <https://www.kemkes.go.id/article/view/20030900005/situasi-kesehatan-gigi-dan-mulut-2019.html> (10/10/2023).
- Federer, W., (2008) *Statistic and society: data collection and interpretation,* 2nd ed. New York: Marjel Deker. pp. 80.
- Gandjar, Gholib, I., dan Rochman, A., (2018) *Spektroskopi molekuler untuk analisis farmasi.* Yogyakarta: Gadjah Mada University Press. pp. 49-71.
- Gengatharan, A., Dykes, G. A., dan Choo, W. S., (2015) Betalains: Natural plant pigments with potential application in functional foods. *Food Science and Technology,* 64(2): 645–649.

- Hadianto, E., Woroprobosari, N.R., dan Mujaddid, M.D.A., (2022) The effect of non-dental glass fiber volume fraction on flexural strength of heat-cured acrylic resin. *Odonto : Dental Journal*. 9(2): 202-205.
- Hegedűs, G., Sarkadi, T., Czigány, T., (2017) Analysis of the light transmission ability of reinforcing glass fibers used in polymer composites. *Materials*, 10(6): 1-9.
- Hidayah, N., Aji, M.P., dan Sulhadi, (2017) Analisis citra pewarna alami dari ekstrak kulit buah naga (*Hylocereus polyrhizus*), *SNF 2017*, 6:81-86.
- Kamonkhantikul, K., Arksornnukit, M., dan Takashi, H., (2017) Antifungal, optical, and mechanical properties of polymethylmethacrylate material incorporated with silanized zinc oxide nanoparticles. *Int. J. Nanomedicine*. 12: 2353-2360.
- Kanie, T., Fujii, K., Arikawa, H., dan Ban, S. (2000) Flexural properties and impact strength of denture base polymer reinforced with woven glass fibers. *Dental Materials*, 16(2), 150–158.
- Khopkar, S. M., (1998) *Basic concepts of analytical chemistry, 2nd ed.* USA: New Age International. pp. 63-66.
- Lee, S. I., Kim, C. W., dan Kim, Y. S., (2001) Strength of chopped glass fiber on the strength of heat-cured PMMA resin. *J Korean Acad Prosthodont*. 39(6): 589-598.
- Manappallil, J. J., (2003) *Basic Dental Materials, 2nd ed.*, New Delhi: Jaypee Brothers Medical Publishers. pp.99-101.
- Mangiri, B.S., Yani, S., dan Anitasari, S., (2018) Sari buah naga super merah (*Hylocereus costaricensis*) sebagai pewarna alami plak Gigi. *JMKG*. 7(1):28-34.
- Matinlinna, J.P., (2014) *Handbook of Biomaterials*. Singapore: Pan Stanford Publishing Pte Ltd. pp. 262.
- Matinlinna, J. P., dan Vallittu, P. K. (2007) Bonding of resin composites to etchable ceramic surfaces – An insight review of the chemical aspects on surface conditioning. *Journal of Oral Rehabilitation*, 34(8): 622–630.
- Matthews, F.L. dan Rawling, R.D., (1999) Composite materials engineering and science. England: *Woodhead Publishing Limited*. pp. 41, 59-65, 288-289.
- McCabe, J. F. dan Walls, A. W. G., (2008) *Applied dental material*. 9thed., England: Blackwell Publishing. pp. 109-111.

- Mowade, T.K., Dange, S.P., Thakre, M.B., dan Kamble, V.D., (2012) Effect of fiber reinforcement on impact strength of heat polymerized polymethyl methacrylate denture base resin: in vitro study and SEM analysis. *J Adv Prosthodont.* 4:30-36.
- Naini, A., (2011) Pengaruh berbagai minuman terhadap stabilitas warna resin akrilik. *Jurnal Kedokteran Gigi UNEJ.* 8(2): 74-77.
- Pancapalaga, W dan Nurjannah, N., (2020) Evaluation of mimosa rabbit leather dyeing using dragon fruit skin extract (*Hylocereus polyrhizus*). *JPI.* 22(3):313-320.
- Powers, J. M. dan Sakaguchi, R. L., (2009) *Craig's restorative dental materials.* 12th ed. Missouri: Mosby Elsevier. pp. 55-61, 514.
- Powers dan Wataha, (2017) *Dental materials foundations and applications.* Missouri: Elsevier. pp. 170.
- Putri, M.L., Sugiarno, E., dan Kusuma, H. A., (2016) Pengaruh jenis fiber dan surface treatment ethyl acetate terhadap kekuatan fleksural dan impak pada reparasi plat gigi tiruan resin akrilik. *MKGI.* 7(2):111-117.
- Rahmah, A. N., dan Tamin, H. Z., (2017) Pengaruh penambahan bahan kompatibel pada nilon daur ulang terhadap kekuatan transversal basis gigi tiruan nilon termoplastik. *Jurnal Kedokteran Gigi Universitas Baiturrahmah.* 7(1): 40-43.
- Ratnasari, D., Isnaeni, R.S., dan Fadilah, R.P.N., (2019) Kebersihan gigi tiruan lepasan pada kelompok usia 45-65 tahun. *Padjajaran J Dent Res Student.* 3(2): 87-91.
- Sadowska-Bartosz, I. dan Bartosz, G., (2021) Biological properties and applications of betalains. *Molecules.* 26(9): 2520.
- Santoni, A., Darwis, D., dan Syahri, S., (2013) Isolasi antosianin dari buah pucuk merah (*Syzygium campanulatum hort.*) serta pengujian antioksidan dan aplikasi sebagai pewarna alami. Lampung: *Prosiding semirata FMIPA Universitas Lampung.*
- Sakaguchi, R., Ferracane, J., dan Powers, J. (2019) *Craig's restorative dental materials.* Philadelphia: Elsevier. pp. 19,20,165,166.
- Sentkowska, A. dan Pyrzynska, K., (2023) Old-fashioned, but still a superfood-red beets as a rich source of bioactive compounds. *Appl. Sci.* 13(13): 1-16.
- Shen, C., Rawls, H.P., dan Esquivel-Upshaw, J.F., (2021) *Phillips' science of dental materials.* 13th ed. St. Louis: Elsevier. pp. 233-237,242-248.

- Udonkang, M.I., Inyang, I.J., Ukorebi, A.N., Effiong, F., Akpan, U., dan Bassey, I.E., (2018) Spectrophotometry, physiochemical properties, and histological staining potential of aqueous and ethanol extracts of beetroot on various tissues of an albino rat. *Biomed Hub*. 3: 1-10.
- Van Noort, R., (2007) *Introduction to dental materials*. 3rd ed., London: Mosby Elsevier. pp. 216-22.
- Vikram, S. dan Chander, N.G., (2020) Effect of zinc oxide nanoparticles on the flexural strength of polymethylmethacrylate denture base resin. *Eur Oral Res*. 54(1): 31- 35.
- Workneh, S.M., Dagnaw, G.A., Adamu, A.M., dan Wubetu,A., (2024) Low-cost visible spectrophotometer for detecting absorption and emission in metallic blends of colorful samples solution. *Results Opt*. 16:100703.
- Yang, Y., Lai, Y., Zhao, S., Chen, H., Li, R., dan Wang, Y., (2024) Optically transparent and high-strength glass-fabric reinforced composite. *Compos.Sci. Technol*. 245.
- Yöndem, Yücel, Aykent, dan Öztürk, (2011) Flexural strength of denture base resin reinforced with different fibers. *SÜ Dişhek Fak Derg*. 20:15- 20.
- Yuliharsini, S., (2016) *Pengaruh penambahan e-glass fiber terhadap sifat mekanis basis gigi tiruan resin akrilik polimerisasi panas*. Medan: Universitas Sumatera Utara.