DAFTAR PUSTAKA

Abdelmouleh, M., Boufi, S., Salah, A., Belgacem, M. N., Gandini, A., (2001) Interaction of Silane Coupling Agents with Cellulose. *Langmuir Journal*. 18: 3203-3208.

Ahangaran, F., Navarchian, A. H., (2020) Recent advances in chemical surface modification of metal oxide nanoparticles with silane coupling agents: A review. *In Advances in Colloid and Interface Science Journal*. 286: 1-46.

Ahmad, F., Choi, H. S. and Park, M. K., (2015) A review: natural fibre composites selection in view of mechanical, light weight, and economic properties. *Macromolecular materials and engineering*. 300: 10-24.

Al-Harbi, F. A., Abdel-Halim, M. S., Gad, M. M., Fouda, S. M., Baba, N. Z., AlRumaih, H. S., Akhtar, S., (2018). Effect of Nanodiamond Addition on Flexural Strength, Impact Strength, and Surface Roughness of PMMA Denture Base. *In Journal of Prosthodontics*. 28(1): 1-9.

Anusavice, K. J., Shen, C., Rawls, H. R., (2013) *Phillip's Science of Dental Materials*. 12th *Ed.* Elsevier, Missouri. hal. 475, 488, 490-491.

Ashraf, M. A., Peng, W., Zare, Y., Rhee, K. Y., (2018) Effects of Size and Aggregation/Agglomeration of Nanoparticles on the Interfacial/Interphase Properties and Tensile Strength of Polymer Nanocomposites. *In Nanoscale Research Letters*. 13(1): 1-7.

Akil, H. M., Omar, M. F., Mazuki, A. A. M., Safiee, S., Ishak, Z. A. M. And Abu Bakar, A., (2011) Kenaf fibre reinforced composites: a review. *Materials and design*. 32(8-9): 4107-4121.

BPOM RI, (2010). Serial Data Ilmiah Terkini Tumbuhan Obat : Rosella (Hibiscus sabdariffa L.). Direktorat Obat Asli Indonesia, BPOM RI, hal. 2.

Chandramohan, D., Bharanichandar, J., (2013) Impact Test on Natural Fibre Reinforced Polymer Composite Materials. *Carbon-Science and Technology*. 5(3): 314-320.

Chandramohan, D., Marimuthu, K., (2010) Thrust force, torque in drilling the natural fibre reinforced polymer composite materials and evaluate delamination factor for bone grafting substitutes – a work of fiction approach. *International journalof engineering science and technology*, 2(10): 6437-6451.

Chauhan, A., Kaith, B. S., (2012) Versatile roselle graft copolymers XRD studies and their mechanical evaluation after use as reinforcement in composites. *Journal of Chilean chemical society*, 57(3): 1262-1266.

Chauhan, A., Singh, B., (2012) Physical, chemical thermal, and mechanical assessments of roselle-reinforced composites. *Journal of polymer engineering.* 32(2012): 127-133.

Deng, F., Li, M.C., Ge, X., Zhang, Y., Cho, U.R., (2015) Cellulose Nanocrystals/Poly (Methyl Methacylate) Nanocomposites Films: Effect of Preparation Method and Loading on The Optical, Thermal, Mechanical, and Gas Barrier Properties. *Polymer Composites Journal*. (1): 1-10.

Fu, S-Y., Feng, X-Q., Lauke, B. and Mai, Y-W., (2008) Effects of particle size, particle/matrix interface adhesion and particle loading on mechanical properties of particulate- polymer composites. *Composites: Part B engineering*. 39: 933-961.

Fuqua, M. A., Huo, S. and Ulven, C. A., (2012) Natural fibre reinforced composites. *Polymer reviews*. 52(3): 259-320.

Gautam, R. D., (2004) Sorrel–A lesser-known source of medicinal soft drink and food in India. *Natural Product Radiance Journal.* 3(5): 338-342.

Hadianto, E., Widjijono, Herliansyah, M. K., (2013) Pengaruh Penambahan Polyethylene Fiber Dan Serat Sisal Terhadap Kekuatan Fleksural Dan Impak Base Plate Komposit Resin Akrilik. *Incisiva Dental Journal*. 2(2): 57-67.

Hidayani, T.R., (2018) Grafting Polipropilena Dengan Maleat Anhidrida Sebagai Pengikat Silang Dengan Inisiator Benzoil Peroksida. *Jurnal EKSAKTA Berkala Ilmiah Bidang MIPA*, 19: 56–62.

Jaber, M. A., (2011) Effect of Metal Wire And Glass Fibres on The Impact Strength of Acrylic Denture Base Resin. *Iraqi National Journal of Nursing Specialties Published.* 24(2): 26-30.

Jacob, M., Joseph, S., Pothan, L. A. and Thomas, S., (2005) A study of advances in characterisation of interfaces and fibre surfaces in lignocellulosic fibre reinforced composites. *Composite interfaces*. 12(1-2): 95-124.

Kabir, M. M., Wang, H., Aravinthan, T., Cardona, F. and Lau, K.-T., (2011) Effects of natural fibre surface composite properties: a review Energy, environment and sustainability. *eddBE2011 proceedings*. hal 94-99.

Kalia, S., Kaith, B. S. and Kaur, I., (2009) Pre-treatments of natural fibres and their applications as reinforcing material in polymer composites – a review. *Polymer engineering and science*. 49(7): 1253-1272.

Kamble, V. D., Parkhedkar, R. D., Mowade, T. K., (2012) The Effect of Different Fibre Reinforcements on Flexural Strength of Provisional Restorative Resins: An In Vitro Study. *Journal of Advanced Prosthodontic*. (1): 1-6.

Kodir, K., Tanti, I., Odang, R. W., (2017) Surface roughness of denture bases after immersion in fishcake vinegar solution. *Journal of Physics: Conference Series.* 1(1): 1-6.

Li, X., Tabil, L. G. and Panigrahi, S., (2007) Chemical treatments on natural fibre for use in natural fibre reinforced composite: a review. *Journal of polymer and environment.* (15): 25-33.

Mahardika, M., Abral, H., Kasim A., Arief S., Asrofi, M., (2018) Production of Nanocellulose from Pineapple Leaf Fibers via High-Shear Homogenization and Ultrasonication. *Fibers*. 6(28): 1-12.

McCabe, J. F., Walls, A. W., (2008) *Applied Dental Material*, 9th *ed.*, Blackwell Pub, Oxford. hal. 187-189.

Modibbo, U., Aliyu, B. A. and Nkafamiya, I. I., (2009) The effect of mercerisation media on the physical properties of local plant bast fibres. *International journal of physical sciences*. 4(11): 698-704.

Mwasiagi, J. I., Yu, C. W., Phologolo, T., Waithaka, A., Kamalha. E. and Ochola, J. R, (2014) Characterisation of Kenyan *Hibiscus sabdarifa L.* L. (roselle) bast fibre. *Fibre and textiles in Eastern Europe*. 22(3): 31-34.

Nadlene, R., Sapuan, S. M., Jawaid, M., Ishak, M. R. and Yusriah, L., (2015 Material characterisation of roselle fibre (Hibiscus sabdariffa L.) as potential reinforcement material for polymer composites. *Fibres and textiles in Eastern Europe* 23. 6(114): 23-30.

Okeke, K. N., Vahed A., Singh, S., (2018) Improving the Strength Properties of Denture Base Acrylic Resins Using *Hibiscus Sabdariffa* Natural Fiber, *Journal of International Dental and Medical Research*, 2018. 11(1): 248 254.

Omran A. A. B., Mohammed A. A. B. A., Sapuan, S. M., Ilyas, R. A., Asyraf, M. R. M., Koloor, S. S. R., Petru, M., (2021) Micro- and Nanocellulose in Polymer Composite Materials: A Review. *Polymers Journa*l. 13(231): 1-35.

Ozcelik, B., Oktem, H., Kurtaran, H., (2005) Optimum surface roughness in endmilling Inconel 718 by coupling neural network model and genetic algorithm. *The International Journal of Advanced Manufacturing Technology*. 27: 234-241.

Ozen, J., Sipah, C., Caglar, A., Dalkiz, M., (2006) In vitro cytotoxicity of glass and carbon fibre reinforced heat polymerised acrylic resin. Denture base material**.** *Turkish Journal of Medical Sciences***,** 36: 121-6.

Rana, A. K., Thakur, V. K., (2021) The bright side of cellulosic *hibiscus sabdariffa* fibres: towards sustainable materials from the macro-to nano-scale. *Material Advances Journal*. 2: 4945-4947.

Rifdayanti, G.U., Arya, I. A., Sukmana, B. I., (2019) Pengaruh Perendaman Ekstrak Batang Pisang Mauli 25% Dan Daun Kemangi 12,5% Terhadap Nilai Kekasaran Permukaan (Nilai kekasaran permukaan basis akrilik menggunakan resin akrilik tipe heat cured). *JURNAL KEDOKTERAN GIGI*, 75-81.

Shruthi, V. H., Ramachandra, C.T., Nidoni, U., Hiregoudar, S., Naik, N.,Kurubar, A. R., (2016) Roselle (Hibiscus Sabdariffa L.) As A Source Of Natural Colour : A Review. *Plant Archieve Journal*. 16(2): 515-522.

Shrestha, S., Wang, B., Dutta, P., (2020). Nanoparticle processing: Understanding and controlling aggregation. *In Advances in Colloid and Interface Science.* 279: 149.

Simanjuntak, W. L., dan Syafrinani, (2019) Perbedaan kekasaran permukaan basis nilon termoplastik menggunakan bahan pumis, cangkang telur, dan pasta gigi sebagai bahan poles. *Jurnal Kedokteran Gigi Universitas Padjajaran*. 31(3): 186-191.

Singha, A. S. and Thakur, V. K., (2008a) Fabrication of hibiscus sabdariffa fibre reinforced polymer composites. *Iranian polymer journal*. 17(7): 541-553.

Singha, A. S. and Thakur, V. K., (2008b) Mechanical properties of natural fibre reinforced polymer composites. *Bulletin material science*. 31(5).

Singha A. S., Thakur, V. K.,Mehta, I. K., Shama, A., Khanna, A. J., Rana, R. K.,Rana, A. K., (2009) Surface-Modified *Hibiscus sabdariffa* Fibers: Physicochemical, Thermal, and Morphological Properties Evaluation. *International Journal of Polymer Analysis Characterization*. 14: 695-711.

Thakur, V. K., Singha, A. S., Kaur, I., Nagarajarao, R. P. and Liping, Y. (2010) Silane functionalisation of Saccaharum cilliare fibres. Thermal, morphological and physicochemical study. *International journal of polymer analysis and characterisation*. 15(7): 397-414.

Wang,Y., Wang, Z., Zhao, L., Fan, Q., Zeng, X., Liu, S., Pang, W. K., He, Y., Guo, Z., (2021) Lithium Metal Electrode with Increased Air Stability and Robust Solid Electrolyte Interphase Realized by Silane Coupling Agent Modification. *Advanced Material Journal*. (33): 1-9.