

DAFTAR PUSTAKA

- Al-quran* Terjemahan (Edisi Baru Revisi) Departement Agama RI. 2008. Semarang: CV TOHA PUTRA.
- Alla, RK., Sajjan, S., Alluri, VR., Ginjupalli, K., dan Upadhyaya, N. 2013. Influence of Fiber Reinforcement on the Properties of Denture Base Resins. *Journal of Biomaterial and Nanobiotechnology*. 4: 91-97.
- Attar, N., Tam, L.E., dan McComb, D. 2003. Flow, Strength, Stiffness and Radiopacity of Flowable Resin Composites. *J Can Dent Assoc*. 69(8): 516–21.
- Andadari, L., Pudjiono, S., Suwandi., dan Rahmawati, T. 2013. *Budidaya Murbei Ulat dan Ulat Sutera Pusat Penelitian dan Pengembangan Peningkatan Produktivitas Hutan*. Bogor: Forda Press. pp: 59.
- Anusavice, KJ. 2014. *Philips: Buku Ajar Ilmu Bahan Kedokteran Gigi*. Alih bahasa: Johan Arif Budiman, Susi Purwoko, Lilian Juwono. Edisi 10. Jakarta: EGC. pp: 40-235.
- Baroudi, K., dan Rodrigues, JC. 2015. Flowable Resin Composites: A Systematic Review and Clinical Considerations. *JCDR*. 9(6): ZE18-ZE24.
- Cenis, JL., Aznar-Cervantes, SD., Lozano-Pérez, AA., Rojo, M., Muñoz, J., Meseguer-Olmo, L., dan Arenas, A. 2016. Silkworm Gut Fiber of Bombyx mori as an Implantable and Biocompatible Light-Diffusing Fiber. *Int. J. Mol. Sci*. 17: 1-14.
- Chandra, S., Chandra, S., dan Chandra, G. 2007. *Text Book of Operative Dentistry*. 1st. New Delhi: Jaypee. pp: 3-233.
- Chen, F., Porter, D., dan Vollrath, F. 2012. Structure and Physical Properties of Silkworm Cocoons. *J. R. Soc. Interface*. 9: 2299–2308.
- Collier, BJ., dan Tortora, PG. 2001. *Understanding Textiles*. 6th. New Jersey : Prentice-Hall. pp: 122-123.
- Esterina, H., Sunarko, B., dan Ismiyatin, K. 2012. Perbedaan Kekuatan Tarik Diametral Resin Komposit Nanofiller dan Resin Komposit Nanoceramic. *Conservative Dental Journal*. 2(1): 6-11.
- Guntoro, S. 1994. *Budidaya Ulat Sutera*. 1st. Denpasar: Kanisius. pp: 10.
- Hartanto, NS., dan Watanabe, S. 2003. *Teknologi Tekstil*. 4th. Jakarta: Pradnya Paramita. pp: 2-9.
- Hatrack, CD., dan Eakle, WS. 2016. *Dental Materials Clinical Applications for Dental Assistants and Dental Hygienists*. 3rd. USA: Elsevier Inc. pp: 64.

- Heymann, HO., J, Swift, JrE., dan V, Ritter, A. 2013. *Sturdevants's : Art and Science of Operative Dentistry*. 6th . Canada : Elsevier Inc. pp: 218 -219.
- Irawan, AP., dan Sukania, IW. 2013. Kekuatan Tekan dan Fleksural Material Komposit Serat Bambu Epoksi. *Jurnal Teknik Mesin*. 14(2): 59-63.
- ISO 10477. 2004. *Dentistry-Polymer-Based Crown and Bridge Materials*. 2nd. International Organization for Standartization.Switzerland : Geneva, 8-10.
- Koh, LD., Cheng, Y., Teng, CP., Khin, YW., Loh, XJ., Tee, SY., Low, M., Ye, E., Yu, HD., Zhang, YW., dan Han, MY. 2015. Structures, mechanical properties and applications of silk fibroin materials. *Progress in Polymer Science*. 46(2015): 86-110.
- Kord, B. 2011. Influence of Maleic Anhydride on the Flexural, Tensile and Impact Characteristics of Sawdust Flour Reinforced Polypropylene Composite. *World Applied Sciences Journal*. 12(7): 1014 -1016.
- Kumaidi, A., dan Ekastuti, DR. 2013. Pertumbuhan dan Produktivitas Ulat Sutera *Bombyx mori* L. yang Diberi Pakan Ayam Broiler.*Actavetindones*. 1(1): 1-7.
- Lassila, LVJ., dan Vallittu, PK. 2004. The Effect of Fiber Position and Polymerization Condition on the Flexural Properties of Fiber-Reinforced Composite. *The Journal of Contemporary Dental Prsctice*. 5(2): 1-12.
- Lawrence, BD. 2014. Processing of *Bombyx mori* silk forbiomedical applications. Woodhead Publishing. pp: 79-99.
- McCabe, JF., dan Walls Angus, WG. 2008. *Applied Dental Materials*. 9th. Hong Kong: Blackwell Publishing Ltd. pp: 6-24.
- Moeliono, M., dan Siregar, Y. 2012. Rekayasa Bahan Baku Sutera dan Limbah Kokon untuk Rompi Tahan Peluru. *JRI*. 6(1): 1-12.
- Moezizadeh, M., dan Shokripour, M. 2011. Effect of fiber orientation and type of restorative material on fracture strength of the tooth. *JCD*. 4(14): 341-345.
- Mozartha, M., Herda, E., dan Soufyan, A. 2010. Pemilihan Resin Komposit dan Fiber untuk Meningkatkan Kekuatan Fleksural Fiber Reinforced Composite. *Jurnal PDGI*. 59(1): 29-34.
- Nasir, AAA., AI, Azmi., dan ANM, Khalil. 2015. Parametric study on the residual tensile strength of flax natural fibre composites after drilling operation. *Procedia Manufacturing*. 2: 97-101.
- Nindhia, TGT., Surata, IW., Knejzlík, Z.,Ruml, T., dan Nindhia, TS. 2015. Mechanical Properties and Biocompatibility of *Attacus atlas* and *Bombyx*

- mori Silk Fibers Released from Cocoons by Alkali Treatment. *JOLST*. 3(1): 20-25.
- Nuraeni, S., dan Putranto B. 2007. Aspek biologis ulat sutera (*bombyx mori* l.) dari dua sumber bibit di sulawesi selatan. *Jurnal Perennial*. 4(1): 10-17.
- Nurjayanti, ED. 2011. Budidaya Ulat Sutera dan Produksi Benang Sutera Melalui Sistem Kemitraan Pada Pengusahaan Sutera Alam (PSA) Regaloh Kabupaten Pati. *JUPI*. 7(2): 1-10.
- Pasril, Y., dan Pratama, WA. 2013. Perbandingan Kekuatan Tekan Resin Komposit Hybrid Menggunakan Sinar Halogen dan LED. *IDJ*. 2(2): 83-90.
- Powers, JM., dan Wataha, JC. 2008. *Dental Materials Properties and Manipulation*. 9th. St. Louis: Mosby, Inc. pp: 70-82.
- Prasetyo, D., Raharjo, WW., dan Ubaidillah. 2013. Pengaruh Penambahan Coupling Agent Terhadap Kekuatan Mekanik Komposit Polyester-Cantula dengan Anyaman Serat 3d Angle Interlock. *Mekanika*. 12(1): 44-52.
- Ramamoorthy, SK., Skrifvars, M., dan Persson, A. 2015. A Review of Natural Fibers Used in Biocomposites : Plant, Animal and Regenerated Cellulose Fibers. *Polymer Reviews*. 55: 107–162.
- Sakaguchi, RL., dan Powers, JM. 2012. *Craig's : Restorative Dental Materials*. 13th. United States of America : Mosby. Inc. pp: 84-181.
- Saraswathi, MV., Jacob, G., dan Ballal, NV. 2016. Evaluation of the influence of *flowable* liner and two different adhesive systems on the microleakage of packable composite resin. *JID*. 2(2): 98-103.
- Septommy, C., Widjijono., dan Dharmastiti, R. 2014. Pengaruh posisi dan fraksi volumetrik fiber polyethylene terhadap kekuatan fleksural fiber reinforced composite. *Dent. J. (Maj. Ked. Gigi)*. 47(1): 52–56.
- Soratur, SH. 2007. *Essentials of Dental Materials*. 2th. New Delhi : Jaypee Brothers Medical Publisher (p) Ltd. pp: 16.
- Sriwita, D., Astuti. 2014. Pembuatan dan Karakterisasi Sifat Mekanik Bahankomposit Serat Daun Nenas-Polyester Ditinjau dari Fraksi Massa dan Orientasi Serat. *Jurnal Fisika Unand*. 1(3): 30-36.
- Thakur, VK., Thakur, MK., dan Kessler, MR. 2017. *Handbook of Composites from Renewable Materials, Structure and Chemistry*. Wiley: Scrivener publishing. pp: 268-297.

- Thompson, JY., Stoner, BR., Piascik, JR., dan Smith, R. 2011. Adhesion/cementation to zirconia and other non-silicate ceramics: Where are we now?. *Academy of Dental Materials*. 27(1): 71–82.
- Widyapramana., Widjijono., dan Sunarintyas, S. 2013. Pengaruh Kombinasi Posisi *Fiber* Terhadap Kekuatan Fleksural dan Ketangguhan Retak Fiber Reinforced Composite Polyethylene. *IDJ*. 2(2): 1-8.
- Ye, J., Li, Y., Liu, HW., Li, J., Dong, Z., Xia, Q., dan Zhao, P. 2016. Genome-Wide Identification and Characterization of Carboxypeptidase Genes in Silkworm (*Bombyx mori*). *Int. J. Mol. Sci*. 17, 1203: 1-14.
- Zhang, M., dan Matinlinna, JP. 2012. E-Glass Fiber Reinforced Composites in Dental Applications. *Silicon*. 4: 73–78.
- Qi, Y., Wang, H., Wei, K., Yang, Y., Zheng, RY., Kim, IS., dan Zhang, KQ. 2017. A Review of Structure Construction of Silk Fibroin. *Int. J. Mol. Sci*. 18, 237: 1-21.