

DAFTAR PUSTAKA

- Abdi, C., Khair, R.M., Saputra, M.W., 2015, Pemanfaatan Limbah Kulit Pisang Kepok (*Musa acuminate L.*) sebagai Karbon Aktif Untuk Pengolahan Air Sumur Kota Banjarbaru: Fe Dan Mn, *Jurnal Teknik Lingkungan*, 1(1):8-15.
- Afsal, V.A., George, P.P., Mathew, S., Nishad, Ali, S., Soumya, K.M., 2013, Brackets Mesh Chaging Trends: A Review, *International Journal of Health and Science Researcrh*, 3(9): 97-102.
- Al-arif, M.A., Lamid, M., 2014, Aktivitas Bakteri Selulolitik Yang Dikembangkan Pada Media Alternatif Terhadap Serat Kasar dan Protein Kasar Ransum Komplit, Fakultas Sains dan Teknologi UIN Maliki Malang, h.119.
- Ali, H.,Maroli, S., 2012, Glass Ionomer Cement as An Orthodontic Bonding Agent, *The Journal of Contemporary Dental Practice*, 13(5): 653.
- Amiatun, 2009, Pengaruh Zat Aktif Pemutih Gigi Terhadap Kekuatan Geser Perlekatan Breket Logam, *Tesis*, Program Pendidikan Dokter Gigi Spesialis Ortodontia Fakultas Kedokteran Gigi, Universitas Sumatra Utara, Medan, h.45,49.
- Anusavice, K. J., 2004, *Phillips Buku Ajar Ilmu Bahan Kedokteran Gigi*, 10th ed, Penerbit Buku Kedokteran, h.194, 229, 259, 449.
- Anusavice, K. J., Shen, C., Rawl, H. R., 2013, *Phillips Science of Dental Materials*, 12th Ed, Elsevier Saunders, St. Louis Missouri, h. 260, 279, 320.
- Ardhana, W., 2011, *Alat Ortodontik Lepasan*, Bagian Ortodontia Fakultas Kedokteran Gigi, Universitas Gadjah Mada, Yogyakarta, h.1.
- Ardhana, W., 2013, Identifikasi Perawatan Ortodontik Spesialistik dan Umum, *Majalah Kedokteran Gigi*, 20(1):1-8.
- Awad, D., Ilie, N., 2013, Effect of Polymerization and Ageing on The Incremental Bond Strength of Ormocer-Based Dental Material, *Clin Oral Invest*, 17:1340.
- Bahmid, N.A., Syamsu, K., Maddu, A., 2014, Pengaruh Ukuran Serat Selulosa Asetat Dan Penambahan Dietilen Glikol (DEG) Terhadap Sifat Fisik Dan Mekanik Bioplastik, *Jurnal Teknologi Industri Pertanian*, 24(3):226-234.

- Berzins, D.W., Abey, S., Costache, M.C., Wilkie, C.A., Roberts, H.W., Resin Modified Glass Ionomer Setting Reaction Competition, *J Dent Res*, (1):82.
- Bhisara, S.E., 2001, *Textbook of Orthodontics*, W.B. Sauders Company, Philadelphia, h.454.
- Billah, M.T., 2014, *Outlook Komoditi Pisang*, Pusat Data Dan System Informasi Pertanian Sekertariat Jenderal Kementrian Pertanian, Jakarta, h.1.
- Brantley, W.A., Eliades, T., 2001, *Orthodontic Material Scientific and Clinical Aspects*, Thieme Stuttgart, New York, h.146, 151-157, 190, 231-236.
- Brown, R.M.Jr., Saxena, I.M., 2007, *Cellulose: Molecular and Structure Biology*, Dordrecht: Springer, hal.89-94.
- Budipramana, M., Hamid, T., Goenhardt, S., 2013, Shear Strength of Orthodontic Bracket Bonding with GIC Bonding Agent After Application of CPP-ACPF Paste, *Dental Journal*, 46(1):39-44.
- Cacciafesta, V., Sfondrini, M.F., De Angelis, M., Scribante, A., Klersy C., 2003, Effect of Water and Saliva Contamination on Shear Bond Strength of Brackets Bonded with Conventional, Hydrophilic, and Self-Etching Primers, *American Journal of Orthodontics and Dentofacial Orthopedics*, 123(6):635.
- Calvarho, R.C., Hereino, S.S., Costa, J.F., 2012, Evaluation of Shear Bond Strength of Orthodontic Resin and Resin Modified Glass Ionomer Cement on Bonding Metal and Ceramic Brackets, *South Brazilian Dentistry Journal*, 9(2): 173.
- Chandra, S., Chandra, S., Chandra, M., Chandra, N., 2004, *Texbook of Dental and Oral Histology with Embriology*, Jaypee Brothers, New Delhi, h.41.
- Chiego, D.J., 2014, *Essentials of Oral Histology and Embryology : a Clinical Approach: Fourth Edition*, Elsevier, St. Louis, h.93.
- Departement of Health and Ageing Office of The Gene Technology Regulator, 2008, *The Biologi of Musa L. (banana)*, Australian Government, h.4-5.
- Effendi, D.B., Rosyid, N.H., Nandiyanto, A.B.D., Mudzakir, A., 2015, Review: Sintesis Nanoselulosa, *Jurnal Integrasi Proses*, 5(2):61-74.
- Falkensammer, F., Jonke, E., Bertl, M., Freudenthaler, J., Bentleon, H.P., 2013, Rebonding Performance of Different Ceramic Brackets Conditioned with A New Silane Coupling Agent, *Eur J Orthod*, 35:104.

- Filson, P.B., Benjamin, E., Dawson, A., Diane, S.B., 2009, Enzymatic-Mediated Production of Cellulose Nanocrystals from Recycled Pulp, *Green Chemistry*, 11:1808.
- Fitria, 2008, Pengolahan Biomassa Berlignoselulosasecara Enzimatis Dalam Pembuatan Pulp: Studi Kepustakaan, *Jurnal Teknologi Pertanian*, 9(2):70.
- Fitria, V., 2013, Karakterisasi Pektin Hasil Ekstraksi dari Limbah Kulit Pisang Kepok (*Musa balbisiana* ABB), *Skripsi*, Fakultas Kedokteran Dan Ilmu Kesehatan, Universitas Islam Negeri Syarif Hidayatullah, Jakarta, h:18.
- Gange, P., 2015, The Evolution of Bonding in Orthodontics, *American Journal of Orthodontic and Dentofacial Orthopedics*, 147(4): 59.
- George, J., Ramana, K.V., Bawa, A.S., Siddaramalah., 2011, Bacterial Cellulose Nanocrystal Exhibiting High Thermal Stability and Their Polymer Nanocomposites, *International Journal of Biological Macromolecules*, 48:52.
- Goenhardt, S., Sjafei, A., 2005, Breket Titanium, *Majalah Kedokteran Gigi (Dent J)*, 38(3):122.
- Gunawan, I., 2011, Pengaruh Penambahan Kitosan Nano Blangkas terhadap Flexural Strength Restorasi Kavitas Klas II Minimal Intervensi Semen Ionomer Kaca Modifikasi Resin Nano, *Skripsi*, Universitas Sumatera Utara, Medan.
- Hanum, F., Tarigan, M.A., Kaban, I.M.D., 2012, Ekstraksi Pectin Dari Kulit Buah Pisang Kapok (*Musa paradisiaca*), *Jurnal Teknik Kimia USU*, Article in press.
- Hariani, P.L., Riyanti, F., Asmara, R.D., 2016, Extraction of Kepok Banana Peel (*Musa paradisiaca L.*) For Adsorption Procion Dye, *Molekul Jurnal*, 11(1):135-136.
- Harshanur, I.W., 2012, *Anatomi Gigi*, EGC, Jakarta, h. 30-31.
- Ilham, Itnawita, Dahliaty, A., 2014, Potensi Limbah Kulit Pisang Kapok (*Musa Paradisiaca*) sebagai Bahan Baku Pembuatan Asam Asetat Menggunakan Berbagai Macam Starter, *Jom Fmipa*, 1(2):2,3.
- Ioelovich, M., 2012, *Optimal Conditions for Isolation of Nanocrystalline Cellulose Particles*, *Nanoscience and Nanotechnology*, 2(2), 9-13.
- ISO, 2003, *Dental Materials - Testing of Adhesion to Tooth Structure*, University of Sydney Dentistry, h.4,6.

- Karunia, D., Sriputyani, P., 2005, Kekuatan Geser Semen Ionomer Kaca Modifikasi sebagai Pelekat Braket Begg Logam Dengan dan Tanpa Etsa, *IJD*, 12(3):106.
- Khawas, P., Deka, S.C., 2016, Isolation and Characterization of Cellulose Nanofibers From Culinary Banana Peel Using High-Intensity Ultrasonication Combined with Chemical Treatment, *Carbohydrate Polymer Journal*, 137: 608-616.
- Lombo, C.G., Anindita, P.S., Juliatri, 2016, Uji Pelepasan Ion Nikel dan Kromium Pada Beberapa Breket Stainless Steel Yang Direndam Di Air Laut, *Jurnal E-Gigi*, 4(1):29.
- Lopes, C.G. Thys, D.G., Klauss, P., Mussi, G., Widmer, N., 2007, Enamel Acid Etching: A Review, *Compendium*, 28 (1): 662.
- McCabe, J.F., Walls, A.W.G., 2008, *Applied Dental Materials*, Ed. 9, Blackwell, London, h. 260-262.
- Moon, R.J., Martini, A., Nairn, J., Simonsen, J., Youngblood, J., 2011, Cellulose Nanomaterials Review: Structure, Properties and Nanocomposites, *Royal Society of Chemistry Journal*, 40: 3943-3944.
- Mount, J.G., 2002, *An Atlas of Glass Ionomer Cements*, Ed. 3., Martin Dunitz, London, h.6.
- Nadia, M., Taher., 2002, Comparative Study of Compomer and Ormocer Bi-Axial Flectural Strength, *Saudi Dental Journal*, 14(1):7-10.
- Noort, R.V., 2013, *Introduction to Dental Materials*, Ed. 3., Mosby Elsevier, London, h. 105.
- Nosya, M.A., 2016, Pembuatan Mikrokristal Selulosa dari Tandan Kosong Kelapa Sawit, *Skripsi*, Fakultas Matematika dan Ilmu Pengetahuan Alam, Universitas Lampung, Bandar Lampung, h.8, 24-25.
- Ozkan, 2013, Effect of Bleaching Agents and Whitening Dentifrices on The Surface Roughness of Human Teeth Enamel, *Acta Odontologica Scandinavica*, 71:489.
- Oz, A.A., Yazicioglu, S., Arici, N., Akdeniz, B.S., Murat, N., Arici, S., 2014, Assesment of the Confidence of the Adhesive Remnant Index Score with Different Methods, *Turkish Journal of Orthodontics*, 26(4): 149-153.

- Patil, P., Kaur, S., Kaur, M., Vinuta, S., Kaur, S.K., 2014, Orthodontic Cements and Adhesives: A Review, *Journal of Advanced Medical and Dental Sciences Research*, 2(3): 35-38.
- Permatasari, A.P., Nahzan, M.Y.I., Widodo, 2016, Kekasaran Permukaan Resin-Modified Glass Ionomer Cement Setelah Perendaman Dalam Air Sungai, *Jurnal Kedokteran Gigi*, 1(2):165.
- Power, J.M., Messersmith, M.L., 2001, *Mechanics and Mechanical Testing of Orthodontic Materials*, Thieme Stuttgart, New York, h.419.
- Respati, S.M.B., 2008, Macam- Macam Mikroskop dan Cara Penggunaan, *Momentum*, 4(2):43.
- Risnasari, I., 2015, Nanokristalin Selulosa dari *Sludge* Primer Untuk Penguat dan Pengisi Komposit Plastik, *Disertasi*, Institut Pertanian Bogor, Bogor, h.2,32.
- Saha, B., 2004, Lignocellulose Biodegradation and Applications In Biotechnology, Fermentation Biotechnology Research Unit, *National Center for Agricultural Utilization Research*, American Chemical Society, h.3.
- Sakaguchi, R.L., Powers, J.M., 2012, *Craig's Restorative Dental Material*, Elsevier Mosby, Philadelphia, h. 39, 163-165.
- Satuhu, S., Supriyadi, A., 2008, *Pisang Budidaya, Pengolahan dan Prospek Pasar*, Penebar Swadaya, Jakarta.
- Sengun, A., Sari, Z., Ramoglu, S.I., Malkoc, S., Duran, I., 2003, Evaluation of the Dental Plaque pH Recovery Effect of a Xylitol Lozenge on Patients with Fixed Orthodontic Appliance. *The Angle Orthodontist*; 74(2): 240.
- Singh, G., 2007, *Textbook of Orthodontics 2nd Edition*, Jaypee, New Delhi, h. 338, 449.
- Silva, R.M., DeCarvalho, V.X.M., Santos, M.H., Carvalho, A.M.M.L., 2015, Addition of Mechanically Processed Cellulosic Fiber to Ionomer Cement: Mechanical Properties, *Braz Oral Res Jurnal*, 29(1):1-8.
- Silva, R.M., Pereira, F.V., Mota, F.A.P., Watanabe, E., Soares, S. M.C.S., Santos, M.H., 2016, Dental Glass Ionomer Cement Reinforced By Cellulose Microfibers And Cellulose Nanocrystals, *Material Science And Engineering*, 58:389-395.

- Siswarni, M.Z., 2007, Pemanfaatan Limbah Kulit Pisang sebagai Membran Selulosa, *Jurnal Teknologi Proses*, 6(1):49.
- Sugiyono, 2012, *Metode Penelitian Kuantitatif, Kualitatif dan R&D*, Alfabeta, Bandung, h.224-227.
- Sumada, K., Tamara, P.E., Alqani, F., 2011, Isolation Study of Efficient Cellulose From Waste Plant Stem Manihot Esculenta Crantz, *Jurnal Teknik Kimia*, 5(2):434-435.
- Sumawinata, N., 2004, *Senarai Istilah Kedokteran Gigi Inggris-Indonesia*, EGC, Jakarta, h. 56.
- Sungkar, S., Suharsini, M., Soenawan, H., 2007, Kekuatan Geser Semen Ionomer Kaca Pada Dentin Gigi Sulung Setelah Aplikasi Kondisioner dengan Durasi Berbeda, *Indonesian Journal of Dentistry*, 14(3):217.
- Susra, W., Nur, D.L., Puspita, S., 2013, Perbedaan Kekuatan Geser dan Kekuatan Tarik Pada Restorasi Resin Komposit Microhybrid dengan Bonding Generasi V dan Bonding Generasi VII, *IDJ*, 2(2):70.
- Uysal, T., Ulker, M., Ramoglu, S.I., Ertas, H., 2008, Microlakeage Under Metallic and Ceramic Brackets Bonded with Orthodontic Self-Etching Primer Systems, *Angle Orthod*, 78:1089–1094.
- Valletta, R., Prisco, D., De Santis, R., Ambrosio, L., Martina, R., 2007, Evaluation of the Debonding Strength of Orthodontic Brackets Using Three Different Bonding Systems, *European Journal Orthodontics*, 29: 575.
- Wang, W.N., Li, C.H., Chou, T.S., Wang, D.D.H., Lin, L.H., Lin, C.T., 2004, Bond Strengths of Various Bracket Base Design, *American Journal of Orthodontic and Dentofacial Orthopedics*, 125(1): 65,68.
- Wawro, D., Włodzimierz, S., Andrzej, B., 2009, Manufacture of Cellulose Fibers From Alkaline Solutions of Hydrothermally Treated Cellulose Pulp, *Fibers and Textile In Eastern Europe*, 17(74):18-22.
- Zheng, Y., Pan, Z., Zhang, R., 2009, Overview of Biomass Pretreatment for Cellulosic Ethanol Production, *International Journal of Agricultural and Biological Engineering*, 2(3):52.