DAFTAR PUSTAKA

Akintude, T T Y., Akintude, B O., 2002. Development of Models for Predicting the Yield and Quality of Soymilk. *The Journal of Food Technology in Africa*, 7:55-58.

Anjarsari, B., 2010. *Pangan Hewani*, Yogyakarta: Graha Ilmu.

Anusavice, K J., 2013. Buku Ajar Ilmu Bahan Kedokteran Gigi.10th ed, Penerbit Buku Kedokteran EGC, Jakarta, hal. 55-59.

Arends, J., Christoffersen, J., 1985. The Nature of Early Caries Lesions in Enamel, *J Dent Res*, 65(1):2-11.

Avery, J., Chiego, D., 2006. *Essentials of Oral Histology and Embryology: A Clinical Approach*, 3rd Ed, St. Louis: Elsevier.

Barbour, M E., Rees, J S., 2004. The Laboratory Assessment of Enamel Erosion: A Review, *Journal of Dentistry*, 32:591-602.

Bartlett, J D., 2013. Dental Enamel Development: Proteinases and Their Enamel Matrix Substrates, *ISRN Dent*, 2013: 684607.

Bevelander, G., Nakahara, H., 2005. The Formation and Mineralizarion of Dentin, *Anat Rec*, 156(3): 303-324.

Bhatia, Jatinder., Greer, Frank, Committee on Nutrition., 2019. Use of Soy Protein-Based Formulas in Infant Feeding, *American Academy of Pediatrics*, 1062-1068.

Carvalho, T S., Lussi, A., 2014. Combined Effect of Fluoride-, Stannous-, and Chitosan- Containing Toothpaste and Stannous Containing Rinse on The Prevention of Initial Enamel Erosion-Abrasion, *J Dent*, 42: 450-459.

Creanor, Stephen., 2019. *Dasar-Dasar Biologi Oral Klinis (Terjemahan)*., Penerbit Buku Kedokteran EGC, Jakarta, hal. 47.

Chung, H Y., Li, C C., Hsu, C C., 2012. Characterization of The Effect of 3DSS Peptide on Remineralized Enamel in Artificial Saliva, *J Mech Behav Biomed Mater*, 6:; 74-79.

Cummins, D., 2013. The Development and Validation of a New Technology, Based Upon 1,5% Arginine, an Insoluble Calcium Compound and Fluoride, for Everyday Use in The Prevention and Treatment on Dental Caries, *J Dent*, 41(2): S1-S11.

Davis, Walter L., 1986. *Oral Histology Cell Structure and Function*., W.B. Saunders Company, USA, hal 93-109.

Decker, Riva Touger., Loveren, Cor van., 2003. Sugar and Dental Caries, *American Journal of Clinical Nutrition*, 78(8):81S-92S.

Dowd, F., 1999. Saliva and Dental Caries, *Dent Clin North Am*, 43(4): 579-597.

Driessens, F C M., Theuns, H M., van Dijk, J W E., Groeneveld, A., Effect of Time, Degree of Saturation, pH and Acid Concentration of Buffer Solutions on the Rate of in vitro Demineralization of Human Enamel, *Archives of Oral Biology*, 30(1):37-42.

Dzulfia, Liesma., Damiyanti, Mia., Herda, Ellyza., 2016, Pengaruh Susu Sapi dan Protein Whey terhadap kekerasan Email Gigi Setelah Demineralisasi, *Jurnal Material Kedokteran Gigi*, 2(5):28-35.

Eastoe, J., 1979. Enamel Protein Chemistry – Past Present and Future, *J Dent Res*, 58(Spec Issue B): 753-764.

Feagin, F., Koulourides, Pigman, W. 1969. The Characterization of Enamel Surface Demineralization, Remineralization, And Associated Hardness Changes in Human and Bovine Material, *Archs Oral Biol*, 14:1407-1417.

Featherstone J D., 2008. Dental Caries: a Dynamic Disease Process, *Aust Dent J*, 53(3):286-291.

Featherstone J D., Lussi, A., 2006. Understanding The Chemistry of Dental Erosion, *Monogr Oral Sci*, 20: 66-76.

Felszeghy, S., Hollo, K., Modis, L., Lammi, M., 2000. Type X Collagen in Human Enamel Development: a Possible Role in Mineralization, *Acta Odontol Scand*, 58(4): 171-176.

George, A., Bannon, L., Sabsay, B., Dillon, J W., Malone, J., Veis, A., Jenkins, N A., Gilbert D J., Copeland, N G.,

Gradinaru, Andrei C., Creanga, Steofil., Solcan, Gheorghe., 2015. Milk-a Review on its Synthesis, Composition, and Quality Assurance in Dairy Industry, *International Journal of the Bioflux Society*, 7(3):173-177.

Goldberg, M., Kulkarni, A B., Young, M., Boskey, A., 2011. Dentin: Structure. Composition and Mineralization: The Role of Dentin ECM in Dentin Formation and Mineralization, *Front Biosci (EliteEd)*, 3: 711-735.

Halim, S A E., Zaki, D., 2011. Comparative Evaluation of Microleakage, Among Three Different Glass Ionomer Types, *Operative Dentistry*, 36(1):37-42.

Hara, A., Zero, D., 2010. The Caries Environment: Saliva, Pellicle, Diet, and Hard Tissue Ultrastructure, *Dent Clin North Am*, 54(3):455-467.

Hart, S., Hart, T., 2007. Disorders of Human Dentin, *Cells Tissues Organs*, 186(1): 70-77.

Heshmat, H., 2014. The Effect of Remin Pro and MI Paste Plus on Bleached Enamel Surface Roughness, *Journal of Dentistry Tehran*, 11(2): 131-136.

Hsu, C C., Chung, H Y., Yang, J M., Shi, W., Wu, B., 2011. Influence of 8 DSS Peptide on Nano-Mechanical Behavior of Human Enamel, *J Dent Res*, 90: 88-92.

Indrani, D J., 2015. Hardness of Demineralized Enamel with Application of Toothpaste Containing Green Tea Extract, *Makara J Health Res*, 19:39-42.

Inukai, Junko., Yanagida, Ayaka., Tsuruta, Shozo., Takeichi, Sachiyo., Kosaka, Toshimi., 2017. De and Remineralization Cycles and Fluoride Effect on Microhardness and Roughness of Enamel Surface, *Dent Oral Craniofac Res*, 3(3): 1-4.

Justino, L M., 2004. In Situ and In Vitro Effects of Bleaching with Carbamide Peroxide on Human Enamel, *Operative Dentistry*, 29(2): 219-225.

Kargul,B., Ozcan, M., Peker, S., Nakamoto T., Simmons, W B., Falster, A U., 2012. Evaluation of Human Enamel Surfaces Treated with Theobromine: a Pilot Study, *Oral Health & Preventive Dentistry*, 10(3).

Kerebel, B., Daculsi, G., Kerebel, L., 1979. Ultrastructural Studies of Enamel Crystallites, *J Dent Res*, 58(Spec Issue B): 844-851.

Kidd, E A M., 2005. *Essential of Dental Caries*, New York: Oxford University Press Inc.

Kleinberg, I., 1999. A New Saliva – Based – Anti – Caries Composition, *Dent Today*, 18(2): 98-103.

Kunin, Anatoly A., Evdokimova, Anna Yu., Moiseeva, Natalia S., 2015. Age-Related Differences of Tooth Enamel Morphochemistry in Health and Dental Caries, *EPMA Journal*, 6(3):1-11.

Kwok, K C., Liang, H H., Niranjan, K., 2002. Optimizing Conditions for Thermal Processes of Soy Milk. *Journal of Agricultural and Food Chemistry*, 50:4838-4838.

Lachowski, K M., Ferreira, D., de Oliveira, T A., Sobral, M A P., 2014. Effect of The Mixture of Coffee or Chocolate to Milk in The Progression of Des-Remineralization of Tooth Enamel- An In Vitro Study, *Braz Research in Pediatric Dent and Integrated Clinic*, 14(3): 183-190.

Lakshmanan, R., De Lamballerie, M., Jung, S., 2006. Effect of Soybean-to-Water Ratio and pH on Pressurized Soymilk Properties. *Journal of Food Science*, 71:E384-E391.

LeGeros, R., 1991. Calcium Phosphates in Enamel, Dentine, and Bone. In: Myres H, editor, *Calcium Phosphates in Oral Biology*, 15th Ed: 108-129.

Leventouri, T., Antonakos, A., Kyriacou, A., Venturelli, R., Liarokapis, E., Perdikatsis, V., 2009. Crystal Structure Studies of Human Dental Apatite as a Function of Age, *Int J Biomater*, 2009: 698547.

Levine, R S., Milk Flavoured Milk Products and Caries, *Br Dent J*, 191: 20.

Lippert, F., Parker, D M, Jandt, K D., 2004. In vitro Demineralization/Remineralization Cycles at Human Tooth Email Surface Investigated by AFM and Nanoindentation, *J Colloid Interface Sci*, 280.

Margolis, H C., Zhang, Y P., Lee C Y., Kent R L Jr., Moreno, E C., 1999. Kinetics of Enamel Demineralization In vitro, *Journal of Dental Research*. 78:1326-1335.

Malaki Nik, A., Tosh, S., Poysa, V., Woodrow, L, Corredig, M., 2008. Physicochemical Characterization of Soymilk After Step-Wise Centrifugation. *Food Research International*, 41:286-294.

Margono, T., Suryati, D., Hartinah, S., 2000. Susu Kedelai. Kantor Deputi Menegristek, Bidang Pendayagunaan dan Pemasyarakatan Ilmu Pengetahuan dan Teknologi, Jakarta.

Martinez, E., da Silva, L., Furuse, S., de Araujo, N., de Araujo, V., 2009. Dentin Matrix Protein 1 (DMP1) Expression in Developing Human Teeth, *Braz Dent J*, 20(5): 365-369.

Mattar, Rajane., Campos, Daniel Ferraz de., Mazo., Carrilho, Flair Jose., 2012. Lactose Intolerance: Diagnosis, Genetic, and Clinical Factors, *Clinical and Experimental Gastroenterology*, 5:113-121.

Maurice-Van Eijndhoven, M H T., Hiemstra, S J, Calus, M P L. Short Communication: Milk Fat Composition of 4 Cattle Breeds in the Netherlands, *Journal of Diary Science*, 94(2):1021-1025.

McCabe, J F., Walls, A W G., 2008. *Applied Dental Materials*, 9th Ed, Blackwell Publishing. Oxford, hal. 12-14.

McCabe, J F., Walls, A W G., 2015. *Bahan Kedokteran Gigi. Alih Bahasa. Sunarinstyas S, Mustaqimah D N*, EGC, Jakarta, hal. 19-20.

McDonald, Ralph E., Avery, David R., Dean, Jeffrey A., 2011. *Dentistry for the Child and Adolescent*, 9th ed., Mosby Elsevier, hal 179.

Meckel, A., Griebstein, W., Neal, R., Structure of Mature Human Dental Enamel as Observed by Electron Microscopy, *Arch Oral Biol*, 10(5): 775-783.

Mei, Li., Busscher, Henk J., van der Mei, Henny C., Ren, Yijin., 2011.Influence of Surface Roughness on Streptococcal Adhesion Forces to Composite Resins, *Dental Materials*, 27 (8):770-778.

Meurman, J H., Ten Cate, J., 1996. Pathogenesis and Modifying Factors of Dental Erosion, *Eur J Oral Sci*, 104(Pt 2): 199-206.

Mukarromah, Afiatul., Dwiandhono, Irfan., Imam, Dian Noviyanti Agus., 2018. Differences in Surface Roughness pf enamel after Whey-Extract Application and CPP-ACP in Post Extracoronal-tooth Bleaching, *Majalah Kedokteran Gigi Indonesia*, 4(1):15-21.

Mullin, W J., Fregeau-Reid, J A., Butler, M., Poysa, V., Woodrow, L., Jessop, B., Raymond, D., 2001. An Interlaboratory Test of Procedure to Assess Soybean Quality for Soymilk and Tofu Production. *Food Research International*, 34:669-677.

Nanci, A., 2008. *Ten Cate's Oral Histology: Development, Structure, and Function*, MO: Mosby, Maryland Heights.

Neel, A E., Strange, A P., Aljabo, Anas., Ibrahim, Salwa., Coathup, Melanie., Young, Anne M., Bozec, Laurent., Mudera, Vivek., 2016. Demineralization–Remineralization Dynamics in teeth and bone, *International Journal of Nanomedicine*, I I:4743-4763.

Nizel, 1966. *The Science of Nutrition and its Application in Clinical Dentistry*, W.B. Saunders Company, Philadeplhia.

Ono, T., Choi, M R., Ikeda, A., Odagiri, S., 1991. Changes in the Composition and Size Distribution of Soymilk Protein Particles by Heating (Food & Nutrition). *Agricultural and Biological Chemistry*, 55:2291-2297.

Osborn, John Wright., 1983. *Advanced Dental Histology*., John Wright & Sons Ltd, England, hal. 137-140.

Patil, N., 2013. Comparative Evaluation of Remineralizing Potential of Three Agents on Artificially Demineralized Human Enamel: An In Vitro Study, *Journal of Conservative Dentistry*, 16(2): 116-120.

Peiponen, K E., Myllyla, R., Priezzhev., 2009. *Optical Measurement Techniques: Innovation for Industry and Life Sciences*, Springer, Berlin.

Prasad, M., Butler, W T., Qin, C., 2010. Dentin Sialophosphoprotein in Biomineralization, *Connect Tissue Res*, 51: 404-417.

Pudjiadi, S., 2002. Ilmu Gizi Klinis pada Anak, 4th Ed. FK UI: Jakarta.

Rahardjo, Anton., Gracia, Eva., Riska, Grace., Adiatman, Melissa., Maharani, Diah Ayu., 2015. Potential Side Effects of Whitening Toothpaste on Enamel Roughness and Micro Hardness. *International Journal of Clinical Preventive Dentistry*, 11(4):239-242.

Ren, C., Tang, L., Zhang, M., Guo, S., 2009. Structural Characterization of Heat-Induced Protein Particles in Soy Milk, *Journal of Agricultural and Food Chemistry*, 57:1921-1926.

Reynolds, E C., Riley, P F., Storey, E., 1982., Phosphoprotein Inhibition of Hydroxyapatite Dissolution, *Calcified Tissue Int*, 34:S52-S56.

Robinson, C., Connell, S., Kirkham, J., Brookes, S., Shore, R., Smith, M., 2004. The Effect of Fluoride on The Developing Tooth, *Caries Res*, 38(3): 268-276.

Sakaguchi, R L., Powers J M., 2012. *Craig's Restorative Dental Materials*, PA: Elsevier/Mosby, Philadelphia.

Salama, Fouad., Abdelmegid, Falka., Al-Sharhan, Mohammed., Al-Mutairi, Faisal., Al-Nasrallah, Abdulrahman., 2020. Effect of Remineralizing Agents on Enamel Surface Roughness of Primary Teeth: An In-Vitro Study, *EC Dental Science*, 19(2): 01-12.

Salazar, M D G., Gasga, J R., 2003. Microhardness and Chemical Composition of Human Tooth, *Materials Research*, 6(3):367-373.

Sasagawa, I., 1997. Fine Structure of The Cap Enameloid and of The Dental Epithelial Cells During Enameloid Mineralisation and Early Maturation Stages in The Tilapia, *J Anat*, 190(Pt 4): 589-600.

Scott, D B., Simmenlink, J W., Nygaard, V., 1974. Structural Aspects of Dental *Caries, J Dent Res*, 53:165-178.

Selivany, B J., Al-Hano, Fadi., 2015. The Effect of Remineralizing Toothpastes on Enamel Surface Roughness after Hybrid Laser Bleaching (An In vitro Study), *J Bagh College Dentistry*, 27(4):1-7.

Sharma, Aditi., Sharma, Manu., 2018. Milk and Its Products: Effect on Salivary pH, *International Healthcare Research Journal*, 2(6):140-145.

Shetty, Shishir., Hegde, Mithra N., Bopanna, Thimmaiah P., 2014. Enamel Remineralization Assessment after Treatment with Three Different

Remineralizing Agents Using Surface Microhardness: An In Vitro Study, *Journal of Conservative Dentistry*, 17(1): 49-52.

Silverstone, L M., Wefel J S., Zimmerman B F., Clarkson B H., Featherstone M J., 1981. Remineralization of Natural and Artificial Lesions in Human Dental Enamel In vitro, *Caries Research*, 15:138-157.

Telgi, R L., Yadav, V., Telgi, C R., Boppana, N., 2013. In Vivo Dental Plaque pH After Consumption of Dairy Products, *General Dentistry*, 56-57.

Ten Cate, J M., 2008. Remineralization of Deep Enamel Dentin Caries Lesions, *Australian Dental Journal*, 53(3):281-285.

Ten Cate, J M., Feathersone J D B., 1991. Mechanistic Aspects of the Interactions Between Fluoride and Dental Enamel, Crit Rev Oral Biol, 2:283-296.

Thiese, Matthew S., Brenden, Ronna., Ott, Ulrike., 2016. P Value Interpretations and Considerations, *Journal of Thoracic Disease*, 8(9):E928-E931.

Thomas, T R., 1998. Trends in Surface Roughness, *International Journal of Machine Tools and Manufacture*, 38(5-6):405-411.

Tsiourvas, Dimitris., Tsetsekou, Athena, Kammenou, M., Boukos, N., 2016. Biomimetic Synthesis of Ribbon-like Hydroxyapatite Employing Poly(L-arginine), *Materials Science and Engineering: C*, 58: 1225-1231.

Tyagi, Shasi Prabha., Garg, Paridhi., Sinha Dakshita Joy., Singh Udai Pratap., 2013. An Update on Remineralizing Agents, *Journal of Interdisciplinary Dentistry*, 3(3):151-158.

Vandenplas, Yvan., Castrellon, P G., Rivas, Rodolfo., Gutierrez, C J., Garcia, L D., Jimenez, J E., Anzo, Anahi, Hegar, Badriul., Alarcon, Pedro., 2014. Safety of Soya-Based Infant Formulas in Children (Systematic Review with Meta-Analysis), *British Journal of Nutrition*, 111:1340-1360.

Van Rensburg, B. G. Jansen., 1995. *Oral Biology*, Quintessence Publishing Co, Inc, Germany, hal. 289-296.

Vakil, Ishani., Shetty, Vabitha., Hegde, Amitha M., 2016. Remineralizing and Anticariogenic Benefits of Puremilk – a Review, *Nitte University Journal of Health Science*, 6(2):57-62.

Vilpoux, Kathia-Fabritius., Enax, Joachim., Herbig, Michael., Raabe, Dierk., Fabritius, Helge-Otto., 2018. Quantitative Affinity Parameters of Synthetic Hidroxyapatite and Enamel Surfaces in Vitro. *Bioinspired, Biomimetic, and Nanobiomaterials*, 8(2):141-153.

Weidmann, S., Eyre, D., 1967. Amino Acid Composition of Enamel Protein in The Fully Developed Human Tooth, *Caries Res*, 1(4): 349-355.

Widanti, H A., 2017. Effect of Cow and Soy Milk on Enamel Hardness of Immersed Teeth, *Journal of Physics*.

Yendriwati., Sinaga, Rizka M., Dennie D., 2018. Increase of Enamel Hardness Score after Cow Milk Immersion of Demineralized Tooth: An In Vitro Study, *World Journal of Dentistry*, 9(6): 439-443.

Zafar, Muhammad Sohail., Ahmed, Naseer., 2015. The Effect of Acid Etching Time on Surface Mechanical Properties of Dental Hard Tissues, *Dental Materials Journal*, 34(3):315-320.

Zafar, S., Harnekar, S Y., Siddiqi, A., Early Childhood Caries: Etiology, Clinical Considerations, Consequences and Management, *International Dentistry SA*, 11(4): 24-36.