



## DAFTAR PUSTAKA

- Ajwa, N., 2019, The role of bisphosphonates in orthodontic tooth movement—A review. *J. Fam. Med. Prim. Care*, 12(8):3783.
- Alassiry, A.M., 2019. Orthodontic retainers: A contemporary overview. *J. Contemp. Dent. Pract.* 7(20):857–862.
- Alhasyimi, A.A., Pudyani, P.S., Asmara, W., Ana, I.D., 2017. Locally inhibition of orthodontic relapse by injection of carbonated hydroxy apatite-Advanced platelet rich fibrin in a rabbit model. *Key Eng. Mater.*, 1(7580):255–263.
- Alhasyimi, A.A., Rosyida, N.F., Rihadini, M.S., 2019, Postorthodontic Relapse Prevention by Administration of Grape Seed (*Vitis vinifera*) Extract Containing Cyanidine in Rats. *Eur. J. Dent.*, (4)13:629–634.
- Artese, F., 2019, A broader look at interceptive orthodontics: What can we offer? *Dental Press J., Orthod.* 5(24):7–8.
- Bjering, R., Birkeland, K., Vandevska-Radunovic, V., 2015, Anterior tooth alignment: A comparison of orthodontic retention regimens 5 years posttreatment. *Angle Orthod.*, 3(85):353–359.
- Bueno, J.M., Ramos-Escudero, F., Sáez-Plaza, P., Muñoz, A.M., Navas, M.J., Asuero, A.G., 2012, Analysis and Antioxidant Capacity of Anthocyanin Pigments. Part I: General Considerations Concerning Polyphenols and Flavonoids. *Crit. Rev. Anal. Chem.*, 2(42): 102–125.
- Chen, J.R., Lazarenko, O.P., Wu, X., Kang, J., Blackburn, M.L., Shankar, K., Badger, T.M., Ronis, M.J., 2010, Dietary-induced serum phenolic acids promote bone growth via p38 MAPK/ $\beta$ -catenin canonical Wnt signaling. *J. Bone Miner. Res.*, 11(25): 2399–2411.
- Cobourne, M.T., DiBiase, A.T., 2010, *Handbook Of Orthodontics*, Mosby Elsevier. Elsevier, London, 2, 337-334.
- Derrickson, B.H., Tortora, G.J., 2017, *Principles Of Anatomy & Physiology*, 15th Editi. ed. Jhon Wiley & Sons, Inc., United States of America, 175, 184, 185.
- Dou, C., Li, J., Kang, F., Cao, Z., Yang, X., Jiang, H., Yang, B., Xiang, J., Xu, J., Dong, S., 2016, Dual Effect of Cyanidin on RANKL-Induced Differentiation and Fusion of Osteoclasts. *J. Cell. Physiol.*, 3(231):558–567.
- European Food Safety Authority, 2013, Scientific Opinion on the re-evaluation of anthocyanins (E 163) as a food additive. *EFSA J.* 4(11):3145.
- Goeharto, S., Rusdiana, E., Khairyyah, I.N., 2017, Perbandingan Peranti Retensi Ortodonti Lepas dan Cekat. *J. Vocat. Heal. Stud.*, 02(01): 82–87.
- He, J., Monica Giusti, M., 2010, Anthocyanins: Natural colorants with health-promoting properties. *Annu. Rev. Food Sci. Technol.*, 1(1):163–187.
- Iglesias-Linares, A., Yáñez-Vico, R.M., Solano-Reina, E., Torres-Lagares, D., González Moles, M.Á., 2010, Influence of bisphosphonates in orthodontic therapy: Systematic review, *J. Dent.*, 8(38): 603–611.



- Kartal, Y., Kaya, B., 2019, Fixed Orthodontic Retainers: A Review. *Turkish J. Orthod.*, 02(32): 110–114.
- Kenkre, J.S., Bassett, J.H.D., 2018, The bone remodelling cycle, *Annals Clin. Biochem.*, 3(55):1-4.
- Khoo, H.E., Azlan, A., Tang, S.T., Lim, S.M., 2017, Anthocyanidins and anthocyanins: Colored pigments as food, pharmaceutical ingredients, and the potential health benefits, *Food Nutr. Res.*, 1(61): 0–21.
- Kim, J., Lee, D., Dziak, R., Dent, S.C., 2020, U., 2020, Bisphosphonates-related osteonecrosis of jaw : Curret clinnical significance and treatment strategy review. *Am. J. Dent.*, 3(33): 115–128.
- Li, D., Wang, P., Luo, Y., Zhao, M., Chen, F., 2017, Health benefits of anthocyanins and molecular mechanisms: Update from recent decade. *Crit. Rev. Food Sci. Nutr.*, 8(57): 1729–1741.
- Li, H., Xia, L., Wang, S., Al-Balaa, M., Liu, W., Hua, X., 2020, Erratum to: The expression of extracellular matrix metalloproteinase inducer (EMMPRIN) in the compression area during orthodontic relapse, *Eur. J. Orthod.*, 2(42):355–355.
- Lira, A. de L.S. de, Cunha, J.P.B. da, Pereira, R.M.V., Santos, A.R., Fontenele, M.K.V., Almeida, R.C.P. de, 2020, Association between malocclusion and self-perception of oral aesthetics in adolescents. *Brazilian J. Oral Sci*, 1(19): 1-11.
- Littlewood, S.J., Kandasamy, S., Huang, G., 2017, Retention and relapse in clinical practice, *Aust. Dent. J.*, 1(62): 51–57.
- Mattioli, R., Francioso, A., Mosca, L., Silva, P., 2020, Anthocyanins: A Comprehensive Review of Their Chemical Properties and Health Effects on Cardiovascular and Neurodegenerative Diseases, *Molecules*, 7(25):1-42.
- Moriwaki, S., Suzuki, K., Muramatsu, M., Nomura, A., Inoue, F., Into, T., Yoshiko, Y., Niida, S., 2014, Delphinidin, One of the Major Anthocyanidins, Prevents Bone Loss through the Inhibition of Excessive Osteoclastogenesis in Osteoporosis Model Mice, *PLoS One* 9, 5(9):97177.
- Nicolin, V., De Tommasi, N., Nori, S.L., Costantinides, F., Berton, F., Di Lenarda, R., 2019, Modulatory effects of plant polyphenols on bone remodeling: A prospective view from the bench to bedside, *Front. Endocrinol.*, (10):1–9.
- Nugraha, A.P., Rezkita, F., Putra, K.G., Narmada, I.B., Ernawati, D.S., Rantam, F.A., 2019. Triad tissue engineering: Gingival mesenchymal stem cells, platelet rich fibrin and hydroxyapatite scaffold to ameliorate relapse post orthodontic treatment, *Biochem. Cell. Arch.*, 494(19):3689–3693.
- Nugroho, M.J., Ismah, N., Purbiati, M., 2019, Orthodontic treatment need assessed by malocclusion severity using the Dental Health Component of IOTN, *J. Int. Dent. Med. Res.*, 3(12):1042–1046.
- Olivas-Aguirre, F.J., Rodrigo-García, J., Martínez-Ruiz, N.D.R., Cárdenas-Robles, A.I., Mendoza-Díaz, S.O., Álvarez-Parrilla, E., González-Aguilar, G.A., De



- La Rosa, L.A., Ramos-Jiménez, A., Wall-Medrano, A., 2016, Cyanidin-3-O-glucoside: Physical-chemistry, foodomics and health effects, *Molecules*, 9(21):1–30.
- Panche, A.N., Diwan, A.D., Chandra, S.R., 2016, Flavonoids: An overview, *J. Nutr. Sci.* e47(5):1-15.
- Park, J.S., Park, M.K., Oh, H.J., Woo, Y.J., Lim, M.A., Lee, J.H., Ju, J.H., Jung, Y.O., Lee, Z.H., Park, S.H., Kim, H.Y., Cho, M. La, Min, J.K., 2012, Grape-Seed Proanthocyanidin Extract as Suppressors of Bone Destruction in Inflammatory Autoimmune Arthritis, *PLoS One*, 12(7): 1–10.
- Park, K.H., Gu, D.R., So, H.S., Kim, K.J., Lee, S.H., 2015. Dual role of cyanidin-3-glucoside on the differentiation of bone cells. *J. Dent. Res.*, 12(94):1676–1683.
- Pojer, E., Mattivi, F., Johnson, D., Stockley, C.S., 2013, The case for anthocyanin consumption to promote human health: A review, *Compr. Rev. Food Sci. Food Saf.*, 5(12): 483–508.
- Proffit, W.R., Fields, H.W., Larson, B.E., Sarver, D.M., 2019. *Contemporary Orthodontics*, Sixth Edit. ed. Elsevier, Philadelphia, 5, 248-250, 310-321, 579.
- Rakić, V., Rinnan, Å., Polak, T., Skrt, M., Miljković, M., Ulrih, N.P., 2019, pH-induced structural forms of cyanidin and cyanidin 3-O-β-glucopyranoside, *Dye and Pigment.*, 2(165):71–80.
- Ramesh, M., Muthuraman, A., 2018, Flavoring and coloring agents: Health risks and potential problems, *Natural and Artificial Flavoring Agents and Food Dyes: Handbook of Food Bioengineering*, Elsevier Inc, 134.
- Raut, N., Wicks, S.M., Lawal, T.O., Mahady, G.B., 2019, Epigenetic regulation of bone remodeling by natural compounds, *Pharmacol. Res.*, 12(147):1-39.
- Saulite, L., Jekabsons, K., Klavins, M., Muceniece, R., Riekstina, U., 2019, Effects of malvidin, cyanidin and delphinidin on human adipose mesenchymal stem cell differentiation into adipocytes, chondrocytes and osteocytes, *Phytomedicine*, (53):86–95.
- Šmídová, B., Šatínský, D., Dostálová, K., Solich, P., 2017, The pentafluorophenyl stationary phase shows a unique separation efficiency for performing fast chromatography determination of highbush blueberry anthocyanins, *Talanta*, (166):249–254.
- Tena, N., Martín, J., Asuero, A.G., 2020, State of the art of anthocyanins: Antioxidant activity, sources, bioavailability, and therapeutic effect in human health, *Antioxidants*, 5(9):1-25.
- Tobeiha, M., Moghadasian, M.H., Amin, N., Jafarnejad, S., 2020, RANKL / RANK / OPG Pathway: A Mechanism Involved in Exercise-Induced Bone Remodeling, *BioMed. Res. Int.*, (2020):1-11.
- Tristão, S.K.P.C., Magno, M.B., Pintor, A.V.B., Christovam, I.F.O., Ferreira, D.M.T.P., Maia, L.C., de Souza, I.P.R., 2020, Is there a relationship between



- malocclusion and bullying? A systematic review, *Prog. Orthod.*, 1(21):1–13.
- Vaida, L.L., Bud, E.S., Halitchi, L.G., Cavalu, S., Todor, B.I., Negrutiu, B.M., Moca, A.E., Bodog, F.D., 2020, The Behavior of Two Types of Upper Removable Retainers—Our Clinical Experience, *Children*, 12(7): 295.
- Weaver, C.M., Alekel, D.L., Ward, W.E., Ronis, M.J., 2012, Flavonoid Intake and Bone Health, *J. Nutr. Gerontol. Geriatr.*, 31, 239–253.
- World Dental Federation, F., 2020, Malocclusion in orthodontics and oral health, *Int. Dent. J.*, 1(70):11–12.
- Yi, J., Zhang, L., Yan, B., Yang, L., Li, Y., Zhao, Z., 2012, Drinking coffee may help accelerate orthodontic tooth movement, *Dent. Hypotheses*, (2)3, 72–75.
- Zhang, J., Lazarenko, O.P., Blackburn, M.L., Shankar, K., Badger, T.M., Ronis, M.J.J., Chen, J.R., 2011, Feeding blueberry diets in early life prevent senescence of osteoblasts and bone loss in ovariectomized adult female rats. *PLoS One*, 6(9):1-13.
- Zhao, N., Lin, J., Kanzaki, H., Ni, J., Chen, Z., Liang, W., Liu, Y., 2012, Local osteoprotegerin gene transfer inhibits relapse of orthodontic tooth movement. *Am. J. Orthod. Dentofac. Orthop.*, 1(141): 30–40.
- Zia Ul Haq, M., Riaz, M., Saad, B., 2016, *Anthocyanins and Human Health: Biomolecular and therapeutic aspects*, SpringerBriefs in Food, Health, and Nutrition. Springer International Publishing, Cham.187-190.
- Zou, J., Meng, M., Law, C.S., Rao, Y., Zhou, X., 2018, Common dental diseases in children and malocclusion. *Int. J. Oral Sci.*, 1(10), 1–7.