

DAFTAR PUSTAKA

- Adeyemi OO, Okpo SO, dan Ogunti OO, 2002. Analgesic and Anti-Inflammatory Effect of the Aqueous Extract of Leaves of *Persea americana* Mill (*Lauraceae*), *Fitoterapia.*, 73: 375–80.
- Adha AC, 2009. Pengaruh Pemberian Ekstrak Etanol Daun Alpukat (*Persea americana* Mill.) Terhadap Aktivitas Diuretik Tikus Putih Jantan Sprague-Dawley, *Skripsi*, Fakultas Kedokteran Hewan, Institut Pertanian Bogor, Bogor.
- Antia BS, Je O, dan Okon PA, 2005. Hypoglycemic Activity of Aqueous Leaf Extract of *Persea americana* Mill, *Res. Lett.*, 37(5): 325-326.
- Alkoholani A, 2011. Comparison Between the Efficacy of Herbal and Conventional Dentrifices on Established Gingivitis, *J. Dent. Res.*, 8(2): 57-63.
- Almadori G, Bussu F, Galli J, Limongelli A, Persichili S, Zappacosta B, Minucci, A, Paludetti G, dan Giardina B, 2007, Salivary Glutathione and Uric Acid Levels In Patients With Head And Neck Squamous Cell Carcinoma, *Head and Neck.*, 29(7): 648-54.
- Anderson ME, 1998. Glutathione: an Overview of Biosynthesis and Modulation, *Chem. Biol. Interact.*, 111–112: 1–14.
- Arukwe U, Amadi BA, Duru MK, Agomuo EN, Adindu EA, dan Odika PC, 2012. Chemical composition of *Persea americana* leaf, fruit and seed. *Inter. J. Res. Rev. Appl. Sci.*, 11: 1–4.
- Aznita H, Zainal-Abidin ZE, Aznan, dan Razi M, 2009. The Effectiveness of Chlorhexidine, Hexetidine and *Eugenia caryophyllus* Extracts in Commercialized Oral rinses to Reduce Dental Plaque microbes, *Res. J. Biol. Sci.*, 4(6): 716–19.
- Badan Pusat Statistik, 2013. <http://www.bps.go.id> *Pertanian dan Pertambangan : Produksi Buah-Buahan di Indonesia 2013*. Diakses 8 Agustus 2016 pukul 20:08:09
- Ballatori N, Krance SM, Notenboom S, Shi S, Tieu K, dan Hammond CL, 2009. Glutathione Dysregulation and The Etiology and Progression of Human Disease, *Biol. Chem.*, 390: 191-214.
- Barcelo A, Barbe F, de la Pena M, Vila M, Perez G, dan Perola J, 2006. Antioxidant Status in Patients with Sleep Apnoea and Impact of Continuous Positive Airway Pressure Treatment, *J. Eur. Respir.*, 27: 756-6.
- Battino M, Ferreiro MS, Gallardo I, Newman HN, dan Bullon P, 2002. The Antioxidant Capacity of Saliva. *J. Clin. Periodontol.*, 29(3): 189-94.
- Beckman KB dan Ames BN, 1997, Oxidative decay of DNA, *J. Biol. Chem.*, 272: 19633–36

- Botham KM dan Mayes PA, 2009. Biologic Oxidation, In:Murray K, Bender DA, Eds. *Harper's Illustrated Biochemistry*, 28th Ed, McGrawHillLange, Newyork, hal. 98–102.
- Bravo L, 1998. Polyphenols: Chemistry, Dietary Sources Metabolism, and Nutritional Significance, *Nutrition Reviews.*, 56(11): 317-33.
- Burg D, Riepsaame J, Pont C, Mulder G, dan van de Water B, 2006. Peptide-bond Modified Glutathione Conjugate Analogs Modulate GST- π Function in GSH-conjugation, Drug Sensitivity and JNK Signaling, *Biochem. Pharmacol.*, 71: 268-77.
- Carranza Jr, Newman MG, Takei HH, dan Klokkevold PR, 2011. *Carranza's Clinical Peridontology*, 11th Ed., W. B. Saunders, St. Louis Missouri.
- Chapple ILC, 1997. Reactive Oxygen Species and Antioxidants in Inflammatory Diseases, *J. Clin. Periodontol.*, 24: 287–96.
- Chappel ILC, Brock G, Eftimiadi C, dan Matthews JB, 2002. Glutathione in Gingival Crevicular Fluid and its Relation to Local Antioxidant Capacity in Periodontal Health and Disease, *J. Clin. Pathol.*, 55: 367-373
- Chen CH, 2012, *Activation and Detoxifying Enzymes: Function and Implicatio.*, Springer, Neywork, hal. 2.
- Cheng R, Choudhury D, Liu C, Billet S, Hu T, dan Bhowmick NA, 2015. Gingival Fibroblasts Resist Apoptosis in Response to Oxidative Stress in a Model of Periodontal Diseases, *Cell. Death. Discov.*, 1: 15046
- Cos P, Calomme M, Sindambiwe JB, Bruyne TD, Cimanga K, Pieters L, Vlietinck AJ, dan Berghe DV, 2001. Cytotoxicity and Lipid Peroxidation-Inhibiting Activity of Flavonoids, *Planta. Med.*, 67: 515-19.
- Dahiya P, Kamal R, Gupta R, Bhardwaj R, Chaundhary K, dan Kaur S, 2013. Reactive Oxygen Species in Periodontitis, *J. Indian. Soc. Periodontal.*, 17(4): 411-16
- De Matos DG, and Furnus CC, 2000. The Importance of Having High Glutathione (GSH) Level After Bovine in vitro Maturation on Embryo Development: Effect of Beta-Mercaptoethanol, Cystein and Cystine. *Theriogenology.*, 53: 761-771.
- Depkes RI, 2005. *Survei Kesehatan Nasional*. Survei Kesehatan Rumah Tangga (SKRT) Tahun 2004, Badan Litbangkes., Jakarta, 3, hal. 18-20
- Despopoulos A dan Silbernagl S, 2000. Atlas Berwarna & Teks Fisiologi. 4 ed, Hipokartes, Jakarta, hal. 202-203
- Dibart S, 1997. Children, Adolescents and Periodontal Diseases, *J.Dent*, 25: 79-89.
- European Agency for the Evaluation of Medical Products, 1998. Hexetidine http://www.ema.europa.eu/docs/en_GB/document_library/Maximum_Residue_Limits_-_Report/2009/11/WC500014401.pdf diakses pada tanggal 28 Februari 2017 pukul 21:10:40

- Eversole LR, 2011. *Clinical Outline Oral Pathology*, People Medical's Publishing House, Mosby hal. 33.
- Fedi PF, Vernino AR, dan Gray JL, 2004. *Silabus Periodonti*, edisi 4, EGC, Jakarta, hal. 1-94.
- Forrest dan Kim, <http://www.hear.org/starr/plants/images/image/?q=0709068527> diakses pada tanggal 22 Agustus 2016 pukul 22:05:37.
- Forrest JL, Hujoel PP, dan Lieberman MB, 2006. Host Modulation, in Newman MG, Takei HH, Carranza FA (eds): *Carranza's clinical periodontology*, 10th ed., Saunders/Elsevier, St. Louis, hal. 275-82.
- Furuta M, Ekuni D, Irie K, Azuma K, Azuma T, Tomofuji T, Ogura, T, dan Morita M, 2011. Sex Differences in Gingivitis Relate to Interaction of Oral Health Behaviors in Young People, *J. Periodontol.*, 82(4): 558-565.
- Gehrig JSN dan Willman DE, 2011. *Foundation of Periodontics for the Dental Hygienist*, 3rd ed., Lippincott Williams & Wilkins, Philadelphia, hal. 152-54.
- Gohil K, Packer L, Brooks GA, dan Terblanche SE, 1986. Vitamin E Deficiency and vitamin C Supplements: Exercise and Mitochondrial Oxidation, *J. Appl. Physiol.*, 60: 1986-1991.
- Gorącha A, Huk-Kolega H, Kleniewska P, Piechota-Polańczyk A, dan Skibska B, 2013. Effects of Lipoic Acid on Spleen Oxidative Stress after LPS Administration, *Pharmacol. Rep.*, 65: 179-186.
- Halliwell B, 1991. Reactive Oxygen Species in Living Systems: Source, Biochemistry, and Role in Human Disease. *Am. J.*, 91(3C): 14-22.
- Halliwell B dan Gutteridge JM, 2015. *Free Radicals in Biology and Medicine*, 5th ed., Oxford University Press, Oxford: 232-34.
- Haraguchi H, 2001. *Antioxidative Plant Constituents*. In: Tringali, C. (ed.). Bioactive Compounds from Natural Sources. London: Taylor and Francis, hal. 337- 79.
- Hartati, Rusmini, dan Waluyo BT, 2011. Analisis Faktor-Faktor Yang Berhubungan Dengan Kejadian Gingivitis Pada Ibu Hamil Di Wilayah Kerja Puskesmas Talang Tegal, *Jurnal Ilmiah Kesehatan Keperawatan.*, 7(3): 170-189.
- Harville EW, Zhang J, dan Hatch MC, 2004. Oral Sex and Gum Disease. *Medical J.*, 80: 418-19.
- Indirawati TN dan Frans XSH, 2010. Gambaran Kebersihan Mulut Dan Gingivitis Pada Murid Sekolah Dasar Dipuskesmas Sepatan, Kabupaten Tangerang, *Media Litbang Kesehatan.*, 20(4): 1.
- Ismarani, 2012, Potensi Senyawa Tannin dalam Menunjang Produksi Ramah Lingkungan, *Jurnal Agribisnis dan Pengembangan Wilayah.*, 3(2): 46-55.

- Karıncaoglu Y, Batcıoglu K, Erdem T, Esrefoglu M, dan Genc M, 2005. The Levels of Plasma and Salivary Antioxidants in the Patient with Recurrent Aphthous Stomatitis, *J. Oral. Pathol. Med.*, 34(1): 7-12.
- Katja DG, Suryanto E, dan Wehantouw F, 2009. Potensi Daun Alpukat (*Persea Americana* Mill) Sebagai Sumber Antioksidan Alami, *Chem. Prog.*, 2(1): 58-64.
- Kidd EAM dan Bechal SJ, 1992. *Dasar-dasar Karies Penyakit dan Penanggulangannya* 2nd ed., EGC, Jakarta, hal. 66–96.
- Kumar S dan Pandey AK, 2013. Chemistry and Biological Activities of Flavonoids: An Overview, *The Scientific World Journal*; 2013.
- Kurniasih R dan Wijaya A, 2002. Peran Radikal Bebas pada Iskemia-Reperfusion Serebral atau Miokardium. *Forum Diagnosticum Prodia Diagnostics Educational Services.*, 1: 2-3 .
- Lee J, Koo N, dan Min DB, 2004. Reactive Oxygen Species, Aging, and Antioxidative Nutraceuticals, *Comprehensive Reviews In Food Science And Food Safety.*, 3(1).
- Lobene RR, Weatherford T, Ross NM, Lamm RA, dan Menaker LA, 1986. Modified Gingival Index for Use in Clinical Trials. *Clinical Preventive Dentistry.*, 8(1): 3-6.
- Löe H, Silness J, 1963. Periodontal disease in pregnancy. *Acta Odontologica Scandinavica*, Vol. 21: 533-551, ISSN 0001-6357.
- Manson JD dan Eley BM, 1993. *Buku ajar periodonti* (terj.), 2nd ed., Hipokrates, Jakarta, hal. 82.
- Manson JD dan Eley BM, 2004. *Buku Ajar Periodonti*, Ed. ke-2, EGC Penerbit Buku Kedokteran, Jakarta.
- Manthey JA, 2000. Biological Properties of Flavonoids Pertaining to Inflammation, *Microcirculation.*, 7(1): 29-34.
- Maslachah L, Sugihartuti R, dan Kurniasanti R, 2008. Hambatan Produksi Reactive Oxygen Species Radikal Superoksida (O₂⁻) oleh Antioksidan Vitamin E (α-tocopherol) pada Tikus Putih (*Rattus norvegicus*) yang Menerima Stressor Renjatan Listrik, *Media Kedokteran Hewan.*, 24(1): 21.
- Masoud ST, Vecchio LM, Bergeron Y, Hossain MM, Nguyen LT, dan Bermejo MK, 2015. Increased Expression of the Dopamine Transporter Leads to Loss of Dopamine Neurons, Oxidative Stress and l-DOPA reversible motor deficits. *Neurobiol. Dis.*, 74: 66–75.
- Meckling KA, 2006. *Nutrient-drug Interactions*, Florida: CRC Press., 1: 141.
- Meng Z, Yan C, Deng Q, Gao DF, dan Niu XL, 2013. Curcumin inhibits LPS-Induced Inflammation in Rat Vascular Smooth Muscle Cells in vitro via ROS-related TLR4-MAPK/ NF-κB Pathways, *Acta. Pharmacol. Sin.*, 34: 901–11.

- Middleton EJ dan Kandaswami C, 1992. Effects of flavonoids on immune and inflammatory cell functions, *Biochem. Pharmacol.*, 43(6):1167-79.
- Moore S, Calder KAC, Millar NJ, dan Rice-Evans CA, 1994. Antioxidant Activity of Saliva and Periodontal Disease, *Free. Radical. Res.*, 21: 417-425.
- Myhrstad MCW, Carlsen H, Nordstrom O, Blomhoff R, dan Moskaug JO, 2002. Flavonoids Increase the Intracellular Glutathione Level by Transactivation of the γ Glutamylsistein Synthetase Catalytical Subunit Promoter, *Free Radical Biol. Med.*, 32(5): 386-393.
- Neville BW, Damm DD, Allen CM, dan Bouquot JE, 2009. *Oral and Maxillofacial Pathology*, 3th ed., Elsevier Saunders., St Louis Missouri, hal. 154.
- Newman MG, Takei HH, Klokkevold PR, dan Carranza FA, 2006. *Carranza's Clinical Periodontology*, 11th ed., Elsevier/Saunders., China: 116, 355.
- Oboh G, Odubanjo VO, Fatai B, Ademosun AO, Oyeleye SI, Nwanna EE, dan Ademiluyi AO, 2016. Aqueous Extracts of Avocado Pear (*Persea americana* Mill.) Leaves and Seeds Exhibit Anticholinesterases and Antioxidant Activities in vitro, *J. Basic. Clin. Physiol. Pharmacol.*, 1-10.
- Owolabi MA, Coker HAB, dan Jaja SI, 2010. Bioactivity of the Phytoconstituents of the Leaves of *Persea americana*, *J. Med. Plant. Res.*, 4(12): 1130-1135.
- Ozturk LK, Furuncuoglu H, Atala MH, Ulukoylu O, Akyuz S, dan Yarat A, 2008. Association Between Dental-Oral Health in Young Adults and Salivary Glutathione, Lipid Peroxidation, and Sialic Acid Levels and Carbonic Anhydrase Activity, *Braz. J. Med. Biol. Res.*, 41(11): 956-59.
- Panjamurthy K, Manoharan S, dan Ramachandran CR, 2005. Lipid Peroxidation and Antioxidant Status in Patients with Periodontitis, *Cell. Mol. Biol. Lett.*, 10: 255.
- Pavarino EC, Russo A, Galbiatti ALS, Almeida WP, dan Bertollo EMG, 2013. *Glutathione: Biosynthesis and Mechanism of Action*, Nova Science Publishers, Inc, Newyork: 1-31.
- Pearce EC, 2005. *Anatomi dan Fisiologi untuk Paramedis* (terj.), Gramedia., Jakarta, hal. 186.
- Perry LM, 1978. *Medicinal Plants of East and Southeast Asia*, The MIT Press, London.
- Phuong NTM, Nghia PT, dan Marquis RE, 2006. Zinc Effect on Oxidative Physiology of Oral Bacteria, *Adv. Nat. Sci.*, 7(1.2): 131-138.
- Pinon YR, Meija A, Ruiz GD, Aguilar MI, Nieto SS, dan Cruz JFR, 2012. Ethnobotanical survey and antibacterial activity of plants used in the Altiplane region of Mexico for the treatment of oral cavity infections, *J. Ethnopharmacol.*, 141: 860-65.

- Pokorny J, Yanishleva N, dan Gordon M, 2001. *Antioxidant in Food*. Woodhead Publishing Ltd, England, hal. 210 – 213.
- Rai B, 2008. Total Salivary Glutathione Levels: Periodontitis in Smoker and Non-Smoker, *Adv. Med. Dent. Sci.*, 2(2): 47-49.
- Rateitschak EM, Rateitak KH, Wolf HF, dan Hassell TM, 1985. *Color Atlas of Periodontology*. Thieme., New York, hal. 35.
- Rassameemasmaung S, Sirikulsathean, A, Amornchat, C, Maungmingsook P, Rojanapanthu P, dan Gritsanaphan W, 2007. Topical application of *Garcinia mangostana* L. pericarp gel as an adjunct to periodontal treatment, *J. Complement. Ther. Med.*, 16(5): 262-267.
- Reddy S, 2008. *Essentials of Clinical Periodontology and Periodontics*, 2nd ed, Jaypee Brothers., Missouri, hal. 143.
- Riyanti E, 2008. Penatalaksanaan Terkini Gingivitis Kronis pada Anak. *MIKGI*, 23(3): 137-142.
- Roberts WR dan Addy M, 1981. Comparison of the in vivo and in vitro Antibacterial Properties of Antiseptic Mouthrinse Containing Chlorhexidine, alexidine, cetylpyridinium, Chloride and Hexetidine, *J. Clin. Periodontol.*, 8(1): 295-310.
- Rokutan K, Johnston Jr RB, dan Kawai K, 1994. Oxidative Stress Induces Sthiolation of Specific Proteins in Cultured Gastric Mucosal Cells, *Am. J. Physiol.*, 266(2 Pt. 1): 247-254.
- Schmidt MC, Askew EW, Roberts DE, Prior RL, Ensign WY, dan Hesslink RE, 2002. Oxidative Stress in Humans Training in a Cold, Moderate Altitude Environment and Their Response to a Phytochemical Antioxidant Supplement, *Wilderness. Environ. Med.*, 13: 94-105.
- Sculley DV dan Evans SC, 2003. Periodontal Disease is Associated with Lower Antioxidant Capacity in Whole Saliva and Evidence of Increased Protein Oxidation, *Clin. Sci.*, 105: 167-172.
- Sharma NC, Galustians, HJ, Qaqish J, Charles CH, Vincent JW, dan McGuire JA, 2003. Antiplaque and Antigingivitis Effectiveness of a Hexetidine Mouthwash, *J. Clin. Periodontol.*, 30(1): 590-594.
- Sherwood L, 2012. *Fisologi Manusia* (terj.), 4th ed., EGC., Jakarta, hal. 545-548.
- Slomiany BL, Aono M, Murty VL, Slomiany A, Levine MJ, dan Tabak LA, 1982. Lipid Composition of Submandibular Saliva from Normal and Cystic Fibrosis Individuals, *J. Dent. Res.*, 61: 1163-66.
- Soesatyo MHNE, 1993. Mucosal Immunity: Role of Gut-Associated Lymphoid Tissue (GALT) in IgA Response, *Berkala Ilmu Kedokteran.*, 25(4): 173-79

- Spigno G dan Favari DMD, 2007. Antioxidants from Grape Stalks and Marc: Influence of Extraction Procedure on Yield, Purity, and Antioxidant Power of the Extracts. *J. Food. Eng.*, 78: 793- 801.
- Sumiati T, Effendi F, dan Iskandar MS, 2016. Potensi Ekstrak Air Daun Alpukat (*Persea americana* M). Sebagai Diuretik pada Tikus Putih Jantan, *Jurnal. Farmamedika.*, 1(1): 1-8
- Thomas JA, Pland B, dan Honzatko R, 1995. Protein Sulfhydryls and Their Role in the Antioxidant Function of Protein S-thiolation. *Arch. Biochem. Biophys.*, 319: 1-9.
- Thomas MJ, 1995. The role of Free Radicals and Antioxidant, *Crit. Rev. Food. Sci.*, 25: 21-39.
- Varghese JM, Bhat V, Bhat GS, dan Rao N, 2012. Evaluation of Glutathione-S-Transferase and Ceruloplasmin Levels in Gingival Crevicular Fluid and Gingival Tissue as Diagnostic Markers for Chronic Periodontitis, *Adv. Bioscience. Biotechnol.*, 3: 437-441.
- Wickens AP, 2001. Aging and the Free Radical Theory, *Respir. Physiol.*, 128: 379-91.
- Wientarsih I, 2012. *Aktivitas Ekstrak Etanol Daun Alpukat (Persea americana gaertn) Terhadap Batu Ginjal Buatan dan Diuretik pada Tikus Putih*, Institut Pertanian Bogor, Bogor.
- Wijayakusuma HS, Dalimartha, dan Wirian AS, 1996. *Tanaman Berkhasiat Obat di Indonesia*. Jilid IV. Cet. Kedua, Pustaka Kartini, Jakarta.
- Winarsi H, Wijayanti PM, dan Purwanto A, 2012. Aktivitas Enzim Superoksida Dismutase, Katalase dan Glutathion Peoksidase Wanita Penderita Sindrom Metabolik, *MKB.*, 44(1): 7-12.
- Wu G, Fang YZ, Yang S, Lupton JR, Turner ND, 2004. Glutathione Metabolism and its Implications For Health, *J. Nutr.*, 134(3): 489-92.
- Xu YC, Leung SWS, Yeung DKY, Hu LH, Chen GH, Che CM dan Man RYK, 2007. Structure Activity Relationships of Flavonoid for Vascular Relaxation in Porcine Coronary Artery, *Phytochem.*, 68: 1197-99.