

DAFTAR PUSTAKA

- Accorsi, M.T., Conz, M.B., Barros, T.C., Soares, G.A., Granjeiro, J.M., 2008, Physicochemical Characterization of Two Deproteinized Bovine Xenograft, *Braz. Oral Res.*, 22(1): 9.
- Ana, I.D., Matsuya, S., dan Ishikawa, K., 2008, Development of Carbonate Apatite Bone Substitute Based on Phase Transformation of Gypsum and Calcium Hydroxide, *Proceeding of The Asian BioCeramics 2008*, Chennai, India, 147.
- Anusavice, K.J., Shen, A., Rawls, H. R., 2013, *Phillips Science of Dental Materials*, Elsevier Saunders, St. Louis, Missouri. 370-371.
- Ardhiyanto, H.B., 2013, Sintesis dan Karakterisasi Hidroksiapatit dari Kalsit Puger Kabupaten Jember sebagai Material *Bone Graft*, *Executive Summary*, Universitas Jember, Jember. 66-67.
- Arisanti, R.R.S., 2011, Pengaruh Pemberian Kalsitonin Salmon dan Latihan Fisik Intensitas Submaksimal terhadap Ketebalan Lempeng Pertumbuhan Epifisis Tikus Putih (*Rattus Norvegicus*) Jantan Usia Pertumbuhan, *Lib. Unair*, Universitas Airlangga, Surabaya, 5-8.
- Adhiba, R., 2009, Obat Kumur Jintan Hitam (*Nigella sativa*) 17,5% Terhadap Penurunan Gingivitis, *Lib. Unair*, Universitas Airlangga, Surabaya, 4-6.
- Betsebroer, S. I., dan Kho, S. L., 2007, *Development of a Gelatin-Apatite Nanocompososite for Bone-Substituting Purposes*, Department of Periodontology and Biomaterials, Radboud University Nijmegen Medical Center, Netherlands, 10-16.
- Buckwalter, J.A., Martin, J.A., Mankin H.J., 2000, *Synovial Joint Degeneration and the Syndrome of Osteoarthritis*, Department of Orthopedic, University of Iowa, USA. 49: 481-489.
- Carpenter, K. E., dan Volker, H. N., 2001, *FAO Species Identification Guide: The Living Marine Resources of The Western Pacific*. Food and Agriculture Organization, Rome, 55.
- Carranza, F. A., Newman, M. G., Takei, H. H., Klokkevold, P. R., 2006, *Clinical Periodontology*, 10th Edition, Saunders, Elsevier, Philadelphia, 84-95.
- Collette, B. B., dan Nauen, C. E., 1983. Scombrids of the World. An Annotated and Illustrated Catalogue of Tunas. *FAO Fis. Synop.* 125(2): 137.

- Darwono, B., 2001, Pengalaman Graft Tulang di RSPAD Gatot Subroto, *The 1st Indonesian Tissue Bank Scientific Meeting and Workshop on Biomaterial Application*, 161.
- Dorland, N., 2000, *Dorland's Electronic Medical Dictionary*, 29th Edition, W. B. Saunders, Philadelphia, 12-27.
- Fawcett, D. W., 2002, *A Text Book of Histology*, Edisi 12, EGC, Jakarta, 180-190.
- Ferdiansyah, 2001, Standard Produksi Biomaterial, *The 1st Indonesian Tissue Bank Scientific Meeting and Workshop on Biomaterial Application*, 27-42.
- Fernandez, I., Gil, T.H., Gracia, M.A.A., Pigarron, M.C., Jerez, L.B., 2006, Physiological Bases of Bone Regeneration I: Histology and Physiology of Bone Tissue, *J. Med. Oral Pathol. Oral Cir. Buccal*, 11: 47-51.
- Finkemeier, C.G., 2002, Bone-Grafting and Bone-Graft Substitutes, *J. Bone Jt. Surg.*, 84(3).
- Flanagan, M., 2000, The Physiology of Wound Healing, *J. Wound Care*, 9(6).
- Gartner, L.P. dan Hiatt, J.L., 2011, *Color Textbook of Histology*, 2nd ed. W.B. Saunders Company, Philadelphia, 85-92.
- Greenwald, A.S., Boden, S.D., Goldberg, V.M., Khan, Y., Laurencin, C.T., Rosier, R.N., 2001, Bone Graft Substitute: Facts, Fictions & Applications, *J. Bone Jt. Surg. Am.*, 83(2): 98-103.
- Gungormus, M., 2004, The Effect on Osteogenesis of Type 1 Collagen Applied to Experimental Bone Defects, *J. Dent. Traumatology*, 20: 334-337.
- Hand, A.R., dan Ten, C.A.R., 2003, *Ten Cates's Oral Histology*, The C.V Mosby Company, New York, 89-92.
- Huang, Z., Tian, J., Yu, B., Xu, Y., Feng, Q., 2009, A Bone-Like Nano Hydroxiapatite/ Collagen Loaded Injectable Scaffold, *J. Biomed. Mater.*, 4:1-8.
- Indriyani, M., 2014, Optimasi Parameter Proses Pada Pembuatan Serbuk Bovine *Hydroxyapatite* dengan Menggunakan Ball Milling, Teknik Industri UGM, Yogyakarta, 56-60.
- Ishikawa, K., Matsuya, S., Miyamoto, T., dan Kawate, K., 2003, Bioceramics dalam Milne, I., Ritchie, R. O., dan Karihaloo, B., *Comprehensive Structural Integrity: Fracture of Materials from Nano to Macro Bioengineering*, Elsevier, Amsterdam. 170-173, 185-192.

- Janqueira, L. C., Carneiro, J., 2004, *Teks dan Atlas Histolog Dasar*, 10th ed., EGC, Jakarta, 60-67.
- Kalfas, I. H., 2001, Principles of Bone Healing, *J. Neurosurg. Focus*, 10(4).
- Kanczler, J.M., dan Oreffo, R. O. C., 2008, Osteogenesis and Angiogenesis: The Potential For Engineering Bone, *J. European Cells and Mater.*, 15(-): 100-114.
- Kumar, V., Abas, A.K., Fausti, L., dan Aster, J.C., 2005, *Robbins and Cotran Pathologic Basis of Disease*, 8th ed., Saunders Elsevier, Philadelphia, 54-55.
- Larjava, H., 2012, *Oral Wound Healing Cell Biology and Clinical Management*, Wiley-Blackwell, West Sussex, Hal: 351.
- Lawson, T. A., 2000, *Secretariat of the Pacific Community tuna fishery yearbook 1999*, Noumea, New Caledonia, 937.
- Lilly, 2001, *Osteoporosis Disease Management Guide*, Eli Lilly and Company, USA, 101-218.
- Lieberman, J.R., dan Friedlaender, G.E., 2005, *Bone Regeneration and Repair*, Human Press, USA, 21-38.
- Melis, M., dan Mulder, J., 2008, *Development and Biological Testing of a Hydroxyapatite Gelatin Nanocomposite*, UMC St. Radbound Tandheelkunde Biomaterialen Nijmegen., Netherlands, 334-337.
- Mescher, A.L., 2010, *Janqueira's Basic Histology Text and Atlas*, 12th ed, McGraw-Hill, Singapore, 142-147.
- Mukherjee, P.K., 2015, *Evidence-Based validation of Herbal Medicine*, Elsevier, USA, Hal: 151-152.
- Munirah, S., Aminuddin, B.S., Chua, K.H., Samsudin, O.C., Badrul, A.H.M.Y., Azmi, B., Fuzina, N.H., dan Ruszymah, B.H.I., 2006, Tissue-Engineered Human Articular Cartilage Demonstrates Intense Immunopositivity For Collagen Type II, *J. Biosains*, 17(1): 9-18.
- Murray, R. K., Keeyley, F. W., 2003, *Harper's Illustrated Biochemistry*, 26th ed, McGraw-Hill Co. Inc., New York.
- Nabil, M., 2005, *Pemanfaatan Limbah Tulang Ikan Tuna (*Thunus sp.*) sebagai Sumber Kalsium Dengan Metode Hidrolisis Protein*, Fakultas Perikanan dan Ilmu Kelautan, Institut Pertanian Bogor, 14-18.

- Nanci, A., 2003, *Ten Cate's Oral Histology Development, Structure, and Function*, 6th ed., St. Louis, Mosby, 65-8, 397-403.
- Nuraini, A.F., Santoso, A., Redjeki S., 2014, Morfometri dan Komposisi Isi Lambung Ikan Tuna Sirip Kuning (*Thunnus albacares*) yang Didaratkan di Pantai Prigi Jawa Timur, *J. Mar. Res.*, 3(2).
- Orias, A., 2008, *Pemanfaatan Tepung Tulang Ikan Patin (*Pangianus Sp*) sebagai Sumber Kalsium dan Fosfor dalam Pembuatan Biskuit*, Pascasarjana IPB, Bogor, 28-29.
- Paschalis, E. P., Verdelis, K., Doty, S. B., Boskey, A.L., Mendelsohn, R., Yamauchi, M., 2001, Spectroscopic Characterization of Collage Cross-Links in Bone, *J. of Bone and Mater. Res.*, 16(10).
- Park, J.S., Ha, S.W., Lew, H., 2011, Histopathologic Properties of Eyelid Skin and Conjunctiva in Patients with Dermatochalasis, *J. Korean Ophthalmol Soc.*, 52(5).
- Pilitsis, J. G., Lucas, D. R., Rengachary, S. R., 2002, Bone Healing and Spinal Fusion, *J. Neurosurg. Focus*, 13(6).
- Pratomo, F.A., Padaga, M.C., Pramana, A.W.M., 2012, *Efek Pemberian Tepung Tulang Ikan Tuna Madidihang (*Thunnus albacares*) pada Tikus Putih (*Rattus norvegicus*) Model Ovariectomi Berdasarkan Histopatologis Tulang Femur dan Ekspresi TNF-alfa*, Universitas Brawijaya, Malang, 7-8.
- Riyanto, B., Maddu, A., Nurrahman, 2013, Material Biokeramik Berbasis Hidroksiapatit Tulang Ikan Tuna, *J. Pengolahan Hasil Perikanan Indonesia*, 16(2).
- Rocha, J.H.G., Lemos, A.F., Kannan, S., Agathopoulos, S., Ferreira. J.M.F, Valerio, P., Oktar. F.N., 2005, Scaffolds for Bone Restoration from Cuttlefish, *J. Bone Miner. Res.*, 850-857.
- Ross, M.H., Kaye, G.I., Pawlina, W., 2003, *Histology: a Text and Atlas with Cell and Molecular Biology*, 4th ed., Lippincott Williams & Wilkins, United States of America, 84-99.
- Sakaguchi, R. L. dan Powers, J. M., 2012, *Craig's Restorative Dental Materials*, 13th edition, Elsevier Mosby, Philadelphia, 87-91.
- Sargowo, D., Seniorita, A., dan Widodo, A, 2007, Peranan Ekstrak Kulit Manggis dalam Penurunan Kadar TNF- α dan IL-1 pada Dislipidemia, *Departemen Kardiologi FK UB*, Malang, 1-10.

- Seibel, M.J., Robins, S.P., Bilezikian, J.P., 2006, *Dynamics of Bone and Cartilage Metabolism*. Academic Press, London, 60-67.
- Shahidi, F. 2008. *Omega-3 Oils: Sources, Applications, and Health Effects*. CRC Press, Boca Roton, 142-147.
- Shepherd, J.H., Shepherd, D.V., Best, S.M., 2012, Substitued Hydroxyapatites for Bone Repair, *J. Mater Sci: Mater Med.* 23:2335-2347.
- Simanjuntak, T.P.T., 2014, *Komponen Gizi dan Terapi Pangan Ala Papua*, CV Budi Utama, Yogyakarta
- Sumadhiharga, O.K., 2009, *Ikan Tuna Pusat Penelitian Oseanografi*, Lembaga Ilmu Pengetahuan Indonesia, 21-22.
- Supariasa, I.D.N., Bakri, B., Fajar, I., 2002, *Penilaian Status Gizi*, EGC, Jakarta.
- Suzuki Y, 2006, Fabrication of Low Crystalline Hydroxyapatit Block as a Bone Substitute Material from Gypsum Block Based on Phospat Treatment, *Tesis*, Section of Biomaterials and Removable Prosthodontic, Division of Oral Rehabilitation, Graduate School of Dental Science, Kyushu University, Fukuoka, 1-4.
- Suzuki, Y., Matsuya, S., Udoh, K., Nakagawa, M., Tsukiyama, Y., Koyano, K., Ishikawa, K., 2005, Fabrication of Hydroxyapatite Block from Gypsum Block Based on $(\text{NH}_4)_2\text{PO}_4$, *J. Den. Mater.*, 24(4).
- Thalib, A., Santoso, Ibrahim, 2009, Utilization of Madidihang (Thunnus albacares) Fish Bone Flour as Calcium and Phospor Sources to Improve Makron Walnuts Nutritional Value, *J. Sain.*, 1(3).
- Tontowi AE, Dewo P, Wahyuni ET, Triyono J, 2012, *Scaffold* dari *Bovine Hydroxypatite* dengan *Poly Vybialcohol Coating*, *J. Teknosains*, 1(2): 133.
- Torres, J., Tamimi, F., Alkhraisat, M., Prados, F.J.C., Lopez, C.E., 2011, *Bone Substitutes: Implant Dentistry - The Most Promising Discipline of Dentistry*, InTech, Rijeka, 91-108.
- Tortora, G. J. dan Derrickson, B., 2006, *Principles of Anatomy and Physiology*, 11th ed., John Wiley & Sons Inc., USA, 21-46.
- Vaccano, A. R., 2002, The Role of Osteoconductive Scaffold in Synthetic Bone Gaft, *J. Orthop*, 25(5).

- Van Gaalen, S., Kruyt, M., Meijer, G., Mistry, A., Mikos, A., van den Beucken, J., Janse, J., de Groot, K., Cancedda, R., Olivio, C., Yaszemki, M., dan Shert, W., 2008, *Tissue Engineering of Bone*, Elsevier, San Diego, 560-567.
- Venkatesan J, Kim SK. 2010. Effect of Temperature on Isolation and Characterization on Hydroxyapatite from Tuna (*Thunnus obesus*) Bone. *J. Mater.*, 3: 4761-4772.
- Wahl, D.A., dan Czernuszka, J.T., 2006, Collagen-Hydroxyapatite Composites for Hard Tissue Repair, *J. Eur. Cells and Mater.*, 11.
- Wahyuni, S., 2011, *Histamin Tuna (Thunnus sp) dan Identifikasi Bakteri Pembentuknya pada Kondisi Suhu Penyimpanan Standar*, Institut Pertanian Bogor, Bogor.
- Whiting, W.C., dan Zenircke, R.F., 2008, *Biomechanics of Musculoskeletal Injury*, Human Kinetics Press, USA, 142-147.
- Wilson TG dan Kornman, 2003, *Fundamental of Periodontic*, 2nd ed., Quintessence Publishing Co. Inc, Carol Stream, 69-71, 81-89.
- Yuliati, Sari, G. M., Setyawan, S., Hendromartana, S., 2007, Pemberian Tambahan Kalsium pada Masa Pertumbuhan terhadap Tebal Tulang Kortikal dan Trebekular, *Majalah Ilmu Faal Indonesia*, Vol. 6.
- Zaman, C. T., Takeuchi, A., Matsuya, S., Nakagawa, Ishikawa, K., 2006, Fabrication of Carbonate Apatite Monolith from Calcite-Gypsum Composite as Bone-Substitues, *Archives of Bioceramics Research*, 6(50).
- Zobda, P.R., Pramana, A.W.M., Padaga, M.C., 2012, *Pengaruh Tepung Tulang Ikan Tuna Madidihang (Thunnus albacares) terhadap Kadar Kalsium dan Fosfor dalam Darah Tikus Putih (Rattus norvegicus) Model Ovariektomi*, Universitas Brawijaya, Malang, 1-2.