

DAFTAR PUSTAKA

- Ashok, C., Rao, K., Chakra, S. C. & Rao, K. G., 2016. MgO Nanoparticles Prepared By Microwave-Irradiation Technique and Its Seed Germination Application. *A Journal of nanotechnology and Its Application*, 18(1), pp. 0973-418X.
- Aufan, M. R. et al., 2012. Sintesis scaffold Alginat-Kiotsan-Karbonatapatit sebagai Bone Graft menggunakan Metode Freeze Drying. *Jurnal Biofisika*, 8(1), pp. 16-24.
- AZoNano, 2013 , Magnesium Oxide (MgO) nanoparticles – Properties, Application. 1-2
- Chandrasekar, Arunseshan, Sagadevan, Suresh.,Dakshnamoorthy, Arivuoli,2013. Synthesis and Characterization of Nano-Hydroxyapatite (n-HAp) Using Wet Chemical Technique. *Academic Journal Vol 8 (32)*,pp. 1639-1645. *Internasional Journal of Physical Science*. Chennai: Anna University, India.
- Chow LC. 2009. Next generation calcium phosphate-based biomaterials. *Dent Mater. J Nat Institute of Health. USA*. 28(1):1–10.
- Daril,G.U., 2012, *Sintesis dan Karakterisasi Biokompabilitas Dengan Si:Ca10(PO4)6(OH)2 Metode Hidrothermal Untuk Aplikasi Bone filler*. Skripsi. Fakultas Sains Dan Teknologi, Universitas Airlangga, Surabaya.
- David, Reid M, 2011, *handbook of Osteoporosis* London: Springer Health Care Ltd, C 2 & 7.
- Dermikol, Nermin, Meydanoglu, Onur, Gokce, Hwan et al.2012. *Comparison of mechanical Propreties of Sheep Hydroxyapatite (SHA) and Commercial Synthetic Hydroxyapatit (CHSA)-MgO Composite*. Switzerland: Trans-tech Publication.

- Dewi, Setia Utami. 2009. Pembuatan Komposit Kalsium Fosfat – Kitosan dengan Metode Sonikasi. Tesis Sekolah Pascasarjana Institut Pertanian Bogor.
- Djuwita, I. (2012). Proliferasi dan diferensiasi sel tulang tikus dalam medium kultur in vitro yang mengandung ekstrak batang *cissus quadrangula salibs*. *Jurnal Kedokteran Hewan*. 6(2): 75.
- Hadyawarman, dkk. 2008. *Fabrikasi Material Nanokomposit Superkuat, Ringan dan Transparan Menggunakan Metode Simple Mixing*. *Jurnal Nanosains & Nanoteknologi*. Vol 1, No 1, Februari 2008: 14-21.
- Hickey, D. J., Ercan, B., Sun, L. & Webster, T. J., 2014. Adding MgO Nanoparticles to Hydroxyapatite-PLLA Nanocomposites for Improved Bone Tissue Engineering Applications.. *Elsevier Ltd*, pp. 1742-7061.
- Jeevanandam, J. et al., 2018. Review on nanoparticles and nanostructured materials: history, sources, toxicity and regulations. *Beilstein Journal of Technology*, Volume 9, pp. 1050-1074.
- Lubis, A., Fadli, A. & B., 2016. Pemanfaatan Serabut Gambas *Luffa Cylindrica* Sebagai Template untuk pembuatan Scaffold Hidroksiapatit. *Jom FTEKNIK*, 3(2)
- Moore, W.R., S.E Graves., G.I Bain. 2001. Synthetic bone graft substitutes. *ANZ Journal of Surgery* 71 (6): 354-361.
- Nayak AK. 2010. Hydroxyapatite synthesis methodologies: an overview. *Int J Chem Tech Res* 2(2): 903-907.
- Nurmata, Dica Aprilia 2013. Optimasi Parameter Waktu Sintering Pada Pembuatan Hidroksiapatit Berpori untuk Aplikasi Bone Filler Pada Kasus Kanker Tulang (*osteosacroma*). Skripsi Departemen Fisika Fakultas Sains dan Teknologi Universitas Airlangga, Surabaya.

- Purwasasmita, B. S. & Gultom, R. S., 2008. Sintesis dan Karakterisasi Serbuk Hidroksiapatit Skala Sub-Mikron Menggunakan Metode Partisipasi. *Jurnal Bionatura*, 10(2), pp. 155-167.
- Park, J. dan Lakes R.S., 2007, *Biomaterials, An Introduction, Third Edition*, Springer Science + Business Media, LLC, New York, USA.
- Rachmania, Aida.2012. *Preparasi Hidroksiapatit dari Tulang Sapi dengan Metode Kombinasi Ultrasonik dan Spray Drying*. Tesis Fakultas Teknik Universitas Indonesia.
- Rao, C. N. R. et. al. 2004. *The Chemistry of Nanomaterials: Synthesis, Properties and Applications*. Volume 1 : 3-527-30686-2
- Reynolds, M.A., M.E. Aichelmann-Reidy., dan G.L. Branch-Mays. 2010. Regeneration of Periodontal Tissue: Bone Replacement Graft. *Dental Clinic of North America* 54: 55-71.
- Reynolds, M.A., M.E. Aichelmann-Reidy., dan G.L. Branch-Mays. 2010. Regeneration of Periodontal Tissue: Bone Replacement Graft. *Dental Clinic of North America* 54: 55-71.
- Smeltzer, S. C., Bare, B. G., Hinkle, J. L., &Cheever, K. H. (2010). *Brunner and Suddarth's text book of medicalsurgical nursing*. (12th Ed).
- Sopyan, Iis, Kaur, Jasminder. 2009. Preparation and characterization of porous hydroxyapatite through polymeric sponge method. Kuala Lumpur. Elsevier Ltd and Techna Group doi:10.1016/j.ceramint.2009.05.012
- Swain, S.K., S. Bhattacharyya., dan D. Sarkar. 2015. Fabrication of porous hydroxyapatite scaffold via polyethylene glycol-polyvinyl alcohol hydrogel state. *Materials Research Bulletin* 64: 257-261. (Aufan, et al., 2012)