

DAFTAR PUSTAKA

- Al-Salihi. (2009). *In Vitro Evaluation of Malaysian Coral Porites Bone Graft Substitutes (CORAGRAF) for Bone Tissue Engineering: A Preliminary Study*. *Braz J Oral Sci*, 8.
- Anonymous. (2009). *Undang-Undang Republik Indonesia Nomor 45 Tahun 2009 Tentang Perubahan Atas Undang-Undang Nomor 31 Tahun 2004 Tentang Perikanan*.
Indonesia.
- Anwar, S. A., dan Solechan. (2014). *Analisa Karakteristik dan Sifat Mekanik Scaffold Rekonstruksi Mandibula dari Material Bhipasis Calsium Phosphate dengan Penguat Cangkang Kerang Srimping dan Gelatin Menggunakan Metode Functionally Graded Material*. Prosiding SNATIF, 1 , 137-144.
- Asnah , Marzuki . Ermina Pakki . Fitrah Zulfikar. (2011). *Ekstraksi dan Penggunaan Gelatin dari Limbah Ikan Bandeng (Chanos chanos Forskal) Sebagai Emulgator dalam Formulasi sediaan Emulsi* .
- Brinker R & daniel P.O Connor. (2008). Mark D.Miller Review of Orthopaedics Fifth Edition. In *Basic Science* (pp. 19-21).
- Dhiah Purbosari. (2012). *KARAKTERISASI TINGKAT KEKASARAN PERMUKAAN BAJA ST 40 HASIL PEMESINAN CNC MILLING ZK 7040 EFEK DARI KECEPATAN PEMAKANAN (FEED RATE) DAN AWAL WAKTU PEMBERIAN PENDINGIN* .
- Ferdiansyah, Djoko Rushadi, Fedik Abdul Rantam,Aulai'am. (2011). *Regenerasi pada Masive Bone Defect dengan Bovine Hydroxyapatit sebagai Scaffold Mesenchymal Stem Cells* .
- Francis, C. X. (2007). *Canale & Beaty : Chambell's Operative Orthopaedics*, 11th ed.
- Hawkins, Ashley Marie. (2012). *Biodegradable Hydrogels And Nanocomposite Polymers : Synthesis and Characterization for Biomedical Applications* .
- Hou,R., Fulin Chen, Yaowu Yang et al. (2006). *Comparative studdy between coral-mesenchymal stem cells-rhBMP-2 composite and auto-bone-graft in rabbit critical-sized cranial defect model* .
- Hung, Ngoc Nguyen. (2012). Basic Knowledge of Bone Grafting. In D. A. Zorzi, *Bone Grafting* (pp. 11 - 38).
- Karageorgiou, V., dan Kaplan, D. (2005). *Porosity of 3D Biomaterial Scaffolds and Osteogenesis*. *Biomaterials*, 26, 5474-5491 .
- Katsikogianni, M. And Missirlis, Y. M. (2004). *Concise Review of Mechanisms of Bacterial Adhesion to Biomaterials and of Techniques Used in Estimating Bacteria-Material Interactions*. *European Cells and Materials Vol. 8* . , 37-57.

Khaled E.G, M. S. (2011). *Tissue Engineering for Bone Production- Stem Cells, Gene Therapy and Scaffold* .

Kreulen, H., Smolders, C., Versteeg, G., Van Swaaij, W. (1993). “*Microporous hollow fiber membrane modules as gas-liquid contactors*”, 2. *Mass transfer with chemical reaction, J. Membrane Science*, 78 (3) , 217-238.

Lewandrowski K, Gresser JD, Wise DL. (2000). Biomaterials. *Bioresorbable bone graft substitutes of different osteoconductivities : a histologic evaluation of osteointegration of polypropylene glycol-co-fumaric acid-based cement implants in rats.*

Liu, X., & Ma, P. X. (2004). Polymeric Scaffold for Bone Tissue Engineering. *Annals of Biomedical Engineering*, 32, 477-486.

Lloyd, T. (1969). *Surface Tension In Fluid Mechanics*. Chicago: National Committee for Fluid Mechanics Films Tufts University.

Lu, J.G., Zheng, Y.F., Cheng, M.D. (2008). “*Wetting mechanism in mass transfer process of hydrophobic membrane gas absorption*”, *J. Membrane Science*, 308 , 180-19.

Masashi Miwa, Akira Nakajima, Akira Fujishima, Kazuhito Hashimoto, and Toshiya Watanabe. (1999). *Effects of the Surface Roughness on Sliding Angles of Water Droplets on Superhydrophobic Surfaces* .

Michael A, C. (2006). Fraktur dan dislokasi. In L. M. Sylvia A. Price ., *Patofisiologi* (pp. 1365-1368 , 1371). EGC.

Nishikawa, H., Ishibashi, M., Ohta, H., Akutsu, N., Matsumoto, H., Kamata, T., & Kitamura, H. (1995). “*CO₂ removal by hollow fiber gas-liquid contactors*”, *Energy Conversion &Management*, 36(6-9), 415-418.

O'Brien, F. (2011). In R. C. Departemen of Anatomy, *Biomaterial Scaffold for Tissue Engineering* (pp. 88-95). Ireland.

P., L. X. (2004). *Polymeric Scaffold for Bone Tissue Engineering*. *Annals of Biomedical Engineering*, 32, 477-486.

Rame Hart, C. (2012, August). www.ramehart.com. Retrieved from Rame-hart instrument.

Ratanavarapon J., Siriporn Damrongsakkul, Neeracha Sanchavanakit, Tanom Banaprasert, Sorada Kanokpanont. (2006). Comparison of Gelatin and Collagen Scaffolds for Fibroblast Cell Culture.

S Sarkar., A Chourasia., S Maji., S Sadhukhan., S Kumar., B Adhikari. (2006). Synthesis and characterization of gelatin based polyester urethane scaffold. *Indian Academy of Sciences* .

- Sachlos, E., & Czernuszka, T.T. (2003). Journal Musculoskeletal Research. *Making Tissue Engineering Scaffold Work.Review : The Application of Tissue Freedom fabrication Technology to The pprodution of Tissue Engneering Scaffolds* , 29 - 40.
- Salgado, A. J., Coutinho, O. P., & Reis, R. L. (2004). *Bone Tissue Engineering : State of the Art and Future Trends. Macromoleculer Bioscience*, 4, 743-765.
- Satrio Nugroho Sudarmanto, Nanda Dwi Junaidi, Yeni Rahmawati, dan Sumarno. (2015). *Modifikasi Permukaan Membran Polipropilen Untuk Meningkatkan Hidrofobisitas* .
- Srimora N., Kaewsrichan J., Kaewsichan L. (2011). TIChe International Conference. *Evaluation of Physical Properties of bone Scaffolds Prepared from Polycaprolactone Microspheres* .
- Sudarja. (2005). *Mekanika Fluida dasar, Buku Kuliah Universitas Muhammadiyah Yogyakarta* , 8-72.
- Sulyianto,. Vincent Suhartono,, Edy Mulyanto. (2010). Teknik Infomatika Udinus. *Pembelajaran AutoCAD dengan modus interaktif* .
- Torres J., Faleh Tamimi, Mohammad Alkhraisat, Juan Carlos Prados-Frutos, Enrique Lopez-Cabarcos. (2011). *Bone Substitutes* .
- Vaccaro Alexander R, M. (2002). *The Role of the Osteoconductive Scaffold in Synthetic Bone Graft* .
- Wahl, DA, JT Czernuszka. (2006). *Collagen-Hydroxyapatite Composites for Hard Tissue Repair* .
- Yogyakarta, D. K. (2013). Profil Kesehatan Daerah Istimewa Yogyakarta.
- Yuehua Yuan and T. Randall Lee. (2013). *Contact Angle and Wetting Properties* , chapter 1.
- Zawawi KH. (2013). Materials Alloplastic disc implants composed of Teflon-Proplast