

Daftar Pustaka

www.itk.ac.id

- Abbaspour, Nazanin, Hurrel, Richard, dan Kelishidi, Roya. (2014). "Review on Iron and its Importance of Human Health". *Journal of Research in Medical Science*, Vol. 2, hal. 164-174.
- Appley, G.A., dan Solomon, Louis. (2013). "Ortopedi dan Fraktur Sistem Apley". Jakarta : Widya Medika.
- ASTM E9-89a. (2000). "Standard Test Methods of Compression Testing of Metallic Materials at Room Temperature". ASTM Internatinal.
- C.M. Hassan and N.A. Peppas, (2000). "Structure and Applications of Poly (vinyl alcohol) Hydrogels Produced by Conventional Crosslinking or by Freezing/Thawing Methods," in *Biopolymers PVA Hydrogels, Anionic Polymerisation Nanocomposites*, Springer, Berlin.
- Callister, William D., dan Rethwisch, David G., (2014). *Materials Science and Engineering an Introduction 9th Edition*. USA : John Wiley & Sons, Inc.
- Cheng, J., Liu B., Y. H. Wu, dan Y. F. Zheng. "Comparative In Vitro Study on Pure Metals (Fe, Mn, Mg, Zn, W) as Biodegradable Metals". *Journal of Materials, Science and Technology*, Vol. 28, No. 7, hal. 619-627.
- Chin, Priscilla Yin Yee, Cheok, Quentin, Glowacz, Adam, dan Caesandra, Wahyu. (2020). "A Review of In-Vivo and In-Vitro Real Time Corrosion Monitoring System of Biodegradable Metal Implants". *Application Science*, Vol. 10, hal. 3141.
- Clarke, Bart. (2008). "Normal Bone Anatomy and Physiologi". *Clinical Journal of the American Society of Nephrology*, Vol. 3, hal. 131-139.
- Groover, Mikell P., (2010). "Fundamental of Modern Manufacturing Materials, Process, and Systems 4th Edition". USA : John Wiley & Sons, Inc.
- Fasya, Fahmi, dan Iskandar, Norman. (2015). "Melt Loss dan Porositas Pada Aluminium Hasil Daur Ulang". Semarang : Universitas Diponegoro.
- Hussain, Md Zakir, Khan, Sabah, dan Sarmah, Pranjal. (2019). "Optimization of Powder Metallurgy Processing Parameters of Al₂O₃/Cu Composite Through

www.itk.ac.id

Taguchi method with Grey relational analysis”. *Journal of King Saud University – Engineering Science*, Vol. 32, No. 4, hal. 274-286.

<http://www.sekisui-sc.com/products/polyvinyl-alcohol/>, Diakses Pada 29 Maret 2021, Pukul 2.56 WITA.

Jones, W. D., (1960). “Fundamental Principles of Powder Metallurgy”. London : Edward Arnold Publisher, Ltd.

Kalpakjian, Serope, dan Schmid, Steven R., (2014). “Manufacturing Engineering and Technology 7th Edition”. London : Pearson Education, Inc.

Khan, Y., (2018). “Characterizing the Properties of Tissue Constructs for Regenerative Engineering”. *Chapter Two of Module of Biomedical Science*.

Kirk, R. E., dan Othmer, D., F., (1982). “Encyclopedia of Chemical Technology Vol 7”. Kanada : John Wiley and Sons, Inc.

Kumar, Prasanna, Vinitha, Belliappa, Fathima, Ghousia. (2013). “Review Article : Bone Graft in Dentistry”. *Journal of Pharmacy and Bioallied Science*, Vol. 5.

Lanza, R., Langer, R., dan Vacanti, J., (2007). “Principles of Tissue Engineering 3rd edition”. New York : Academic Press.

Liu, P. S., dan Chen, G. F. (2014). “Chapter Two - Making Porous Metals”. *Porous Materials Processing and Application*, hal. 21-122.

McDowell, Lee Russel. (2003). “Minerals in Animal And Human Nutrition 2nd ed”. Amsterdam : Elsevier.

Mohazzabi, Pirooz. (2017). *Archimedes’ Principle Revisited*. Journal of Applied Mathematics and Physics Vol. 5 : 836 – 843.

Odelius, K., Høglund, Anders, Kumar, Sanjev, Hakkarainen, Minna, Ghosh, Anup K., Bhatnagar, Naresh, dan Albertsson, Ann-Christine. (2011). “Porosity and Pore Size Regulate the Degradation Product Profile of Polylactide. Biomacromolecules”. *American Chemical Society Publications*, Vol. 12, No. 4, hal. 1250-1258.

Paramitha, Devi, Noviana, Deni, dan Estuningsih, Sri. (2015). “Studi Biokompatibilitas Besi (Fe) Sebagai Material Penyusun Implan Logam

Terserap Tubuh Pada Mencit (Mus Musculus)". Bogor : Institut Pertanian Bogor.

- Peng, Linyi, Jia, Zhuqing, Yin, Xinhua, Liu, Yinan, Chen, Ping, Ma, Kangtao, dan Zhou, Chunyan. (2008). "Comparative Analysis of Mesenchymal Stem Cells from Bone Marrow, Cartilage, and Adipose Tissue". *Stems Cell Dev.*, No. 4, hal. 761-771.
- Poernomo, Hendri. (2019). "Teknik Bone Tissue Engineering (BTE) Untuk Regenerasi Jaringan Peridontal dan Estetik Pada Edentulous Ridge". Bali : Universitas Maharaswati.
- R. Surkatti and M.H. El-Naas. (2014). "Biological treatment of wastewater contaminated with p-cresol using *Pseudomonas putida* immobilized in polyvinyl alcohol (PVA) gel" . *Journal Water Process Engineering*, Vol. 1, hal. 84.
- Reeves, Charlene J., dan Setyono, Joko. (2001). "Keperawatan Medikal Bedah". Jakarta : Salemba Medika.
- Rezwan K., Chen, Q. Z., dan Boccaccini, Aldo Roberto. (2006). "Biodegradable and Bioactive Porous Polymer/Inorganic Composite Scaffolds for Bone Tissue Engineering". *Biomaterials*, Vol. 28, No. 18, hal. 3413-3431.
- Robson L., dan Syndercombe Court D., (2018). "Bone, muscle, skin and connective tissue". In : Naish J, Syndercombe Court D (eds) *Medical Sciences*. Elsevier.
- Schwartz, Mel. (2002). "Encyclopedia of Materials, Parts, and Finishes 2nd Edition". Amerika : CRC Press.
- Wibowo, Daniel S., (2005). "Anatomi Tubuh Manusia Edisi 1". Jakarta : Grasindo.
- Xu, Wei, Lu, Xin, Hayat, Muhammad Dilawer, Tian, Jingjing, Huang, Chao, Chen, Miao, Qu, Xuanhui, Wen, Cui. (2019). "Fabrication and Properties of Newly Developed Ti35Zr28Nb Scaffold Fabricated by Powder Metallurgy for Bone-Tissue Engineering". *Journal of Material Research and Technology*, Vol. 8, hal. 5.

Yafie, Mohammad Safrudin, dan Widyastuti. (2014). “Pengaruh Variasi Temperatur Sintering dan Waktu Tahan Sintering Terhadap Densitas dan Kekerasan pada Mmc W-Cu Melalui Proses Metalurgi Serbuk”. *Jurnal Teknik ITS*, Vol 3, No. 1.



www.itk.ac.id