

## DAFTAR PUSTAKA

- Adisti, W.F., 2016, Karakterisasi Pati Sagu (*Metroxylon spp.*) yang Berasal dari Kabupaten Sorong dan Sorong Selatan, Papua Barat, *Institut Pertanian Bogor*, 1-21.
- Anjasari, Dahlan, K., Suptijah, P., dan Kemala, T., 2016, Sintesis dan Karakterisasi Biokomposit BCP/Kolagen Sebagai Material Perancah Tulang, *Jurnal Pengolahan Hasil Perikanan Indonesia*, **19**(3), 356-362.
- Anwar, S.A., dan Solechan, 2014, Analisa Karakteristik dan Sifat Mekanik Scaffold Rekonstruksi Mandibula dari Material Bipasis *Calcium Phosphate* dengan Penguat Cangkang Kerang Srimping dan Gelatin Menggunakan Metode *Functionally Graded Material*, *Prosiding SNATIF Ke -1*, Universitas Muria Kudus, Fakultas Teknik, 137- 144.
- Asdi, Z. R, dan Kaelani, Y., 2013, Kajian Tribologi Gesekan Antara Material Komposit Hidroksiapatit (HA) + *Polymethylmethacrylate* (PMMA) dengan *Ultra High Molecular Weight Polyethylene* (PMMA) sebagai *Prosthesis* Sendi Rahang (TMJ) pada Manusia, *Jurnal Teknik Pomits*, **2**(1), 1-5.
- Bonafede, M., Espindle, D., dan Bower, A., 2013, The Direct and Indirect Costs of Long Bone Fractures in a Working Age US Population, *Journal of Medical Economics*, **16**(1), 169- 178.
- Bose, S., Vahabzadeh, S., dan Bandyopadhyay, A., 2013, Bone Tissue Engineering using 3D Printing, *Elsevier*, **16**(12), 497-504.
- Bradley, N., 2007, The Response Surface Methodology, *Thesis*, Indiana University South Bend.
- Budd, L., 2012, *Pediatric Fractures*, <http://learnpediatrics.com/bodysystems/musculoskeletalsystem/pediatric-fractures>, (online accessed 9 July 2019).
- Farzad, R., dan Onwubolu, C.G., 2014, Fused Deposition Modelling (FDM) Process Parameter Prediction and Optimization Using Group Method for Data Handling (GMDH) and Differential Evolution (DE), *The International Journal of Advanced Manufacturing Technology*, **73**, 509-519.
- Gebler, M., Uiterkamp, A.J.M.S, dan Visser, C., 2014. A Global Sustainability Perspective on 3D Printing Technologies, *Journal of Energy Policy*, Vol. 74, pp. 158–167.
- Hadiyat, M.A., 2012, Response-Surface dan Taguchi : Sebuah Alternatif atau Kompetisi dalam Optimasi secara Praktis, *Prociding Seminar Nasional Industrialisasi Madura*, 3345-3354.
- Harlyan, L.I., 2012, *Uji Hipotesis*, <http://www.ledhyane.lecture.ub.ac.id/files/2012/11/PENGUJIAN-HIPOTESIS.pdf>, (online accessed 21 Agustus 2019).
- Hollander, M., Wolfe, D.A., dan Chicken, E., 2014, *Nonparametric Statistical Methods*, 3<sup>th</sup> ed., John Wiley and Sons, Inc., New York.

- Hosseinzadeh, H. R. S., Emami, M., Lahiji, F., Shahi, A.S., Masoudi, A., dan S.Emami., 2013, The Acrylic Bone Cement in Arthroplasty, *Chapter 5*, Intech 2013, 101–128.
- Hutmacher, D.W., 2000, Scaffolds in Tissue Engineering Bone and Cartilage, *Elsevier*, 21(24), 2529-2543.
- Kementerian Kesehatan Republik Indonesia, 2013, *Riset Kesehatan Dasar; RISKESDAS*, <http://www.depkes.go.id/resources/download/general/Hasil%20Riskesdas%202013.pdf>, (online accessed 9 July 2019).
- Kim, S.B., Kim, Y.J., Yoon, T.L., Park, S.A., Cho, I.H., Kim, E.J., Kim, I.A., dan Shin, J.W., 2004, The Characteristics of a Hydroxyapatite-Chitosan-PMMA Bone Cement, *ScienceDirect*, **25**, 5715-5723.
- Kiswanto, G., Ario, S.B., Rendi, K., Srijanto, dan Hadi, M., 2010, Pengembangan Mesin Rapid Prototyping Berbasis FDM (Fused Deposition Modelling) Untuk Produk Berkontur dan Prismatic, *Seminar Nasional Tahunan Teknik Mesin (SNTTM)*, 123-130.
- Lieshout, E., Kralingen, G., El-Massoudi, Y., Weinans, H., dan Patka, P., 2011, Microstructure and biomechanical characteristics of bone substitutes for trauma and orthopaedic surgery, *BMC Musculoskeletal Disorders*, **12**, 34.
- Mohamed, O.A., Masood, S.H., dan Bhowmik, J.L., 2015, Optimization of Fused Deposition Modeling Process Parameters: A Review of Current Research and Future Prospects, *Advances in Manufacturing*, **3**, 42-53.
- Montgomery, D. C., 1997, *Design and Analysis of Experiments*, 4th ed., John Wiley & Sons, New York.
- Montgomery, D.C., dan Runger, G.C., 2003, *Applied Statistics and Probability for Engineers*, John Wiley & Sons, Inc., New York.
- Montgomery, D.C., 2008, *Design and Analysis of Experiments*, 7<sup>th</sup> ed., John Wiley and Sons, Inc., New York.
- Montgomery, D.C., dan Runger, G.C., 2011, *Applied Statistics and Probability for Engineers*, 5<sup>th</sup> ed., John Wiley and Sons, Inc., New York.
- Muljana, H., 2019, Pengembangan Produk Polimer: Permasalahan, Arah Riset dan Potensi Aplikasinya di Indonesia, *Universitas Katolik Parahyangan*, 1-37.
- Myers, R.H., Montgomery, D.C., dan Anderson-Cook, C.M., 2009, *Response Surface Methodology*, 3<sup>rd</sup> ed., John Wiley & Sons, Inc., New York.
- Pham, D.T., dan Dimov, S.S., 2001, *Rapid Manufacturing*, Springer-Verlag London Limited.
- Prashanthini, L.K., dan Kalyani, D., 2015, Preparation of Scaffold Using Rice Husk and Starch for Bone Regeneration, *International Journal for Research in Applied Science & Engineering*, 598-603.
- Putra, I.R., dan Tontowi, A.E., 2019, Properti Mekanik Material [Sagu/PMMA] “3D Printable”, *Prosiding Seniati*, **5**(1), 320-323.
- Sekarjati, K.A., dan Tontowi, A.E., 2018, The Composition of Biocomposite [Polymethylmethacrylate/hydroxyapatite] as Material for Specimen with Portabee Kit Machine, *Jurnal Teknik Mercu Buana*, **22**(3), 169-176.

- Surbhi, S., 2017, *Difference Between Parametric and Nonparametric Test*, <https://keydifferences.com/difference-between-parametric-and-nonparametric-test.html> (online accessed 24 August 2019).
- Tontowi, A. E., Anggraeni, D., Saragih, H. TSSG., Raharjo, K. P. N., dan Utami, P., 2017, Experimental Study of 3D-printable Biocomposite of [HA/PMMA/Sericin] materials, *Advance Materials Letters*, **8**(8), 857-861.
- Tontowi, A., Ramdani, L., Erdizon, R.V., dan Baroroh, D.K., 2017, Optimization of 3D-Printer Process Parameters for Improving Quality of Polylactic Acid Printed Part, *International Journal of Engineering and Technology* 9(2): 589-600
- Vaishya, R., Chauhan, M., dan Vaish, A., 2013, Bone Cement, *ScienceDirect*, 157-163.
- Winahju, W. S., 2013, Analisis Variansi dan Statistik Matematika Yang Terkait, Institut Teknologi Sepuluh November.
- Zuraida, A., Yusliza, Y., Anuar, H., & R, M. M. (2012). The effect of water and citric acid on sago starch bio-plastics. *International Food Research Journal*, 715-719.