

DAFTAR PUSTAKA

- Agus, A. (2022) 'Kualitas Hidroksiapatit dan Diammonium Hidrogen Fosfat Sebagai Bahan Pembuatan Bonegraft', *Saintifik*, 8(1), pp. 85–90. Available at: <https://doi.org/10.31605/saintifik.v8i1.346>.
- Akhmal, N.H. *et al.* (2021) 'Penerapan Metode Komputasi dalam Perancangan Sel Satuan Scaffold Rekayasa Jaringan Tulang'.
- Andriyani, G. *et al.* (2012) 'Kajian Regangan Selat Bali Berdasarkan Data Gns Kontinu Tahun 2009-2011', *Jurnal Geodesi UNDIP*, 1(1), pp. 343–354.
- Bargess, M.F., Lesmana, C. and Tallar, R.Y. (2019) 'Analisis Struktur Bendung dengan Metode Elemen Hingga', *Jurnal Teknik Sipil*, 5(1), pp. 1–21. Available at: <https://doi.org/10.28932/jts.v5i1.1309>.
- Chen, H. *et al.* (2020a) 'Desain Perancah Berpori untuk Aditif Manufaktur di Ortopedi : A Tinjauan', pp. 1–20. Available at: <https://doi.org/10.3389/fbioe.200.00609>.
- Chen, H. *et al.* (2020b) 'Porous Scaffold Design for Additive Manufacturing in Orthopedics: A Review', *Frontiers in Bioengineering and Biotechnology*, 8(June), pp. 1–20. Available at: <https://doi.org/10.3389/fbioe.2020.00609>.
- Chen, H. *et al.* (2021) 'Design and properties of biomimetic irregular scaffolds for bone tissue engineering', *Computers in Biology and Medicine*, 130(January), p. 104241. Available at: <https://doi.org/10.1016/j.compbiomed.2021.104241>.
- Darmawati, S. *et al.* (2016) 'Characterization of Hydroxyapatite Material from Bovine for Making 3D Printer Filament Method Fused Deposition Modelling for Implants Scaffolds Mandibular Reconstruction', *Prosiding Seminar Nasional & Internasional*, 0(1), pp. 325–330. Available at: <https://jurnal.unimus.ac.id/index.php/psn12012010/article/view/1980/2018>.
- Du, Y. *et al.* (2020) 'Design and statistical analysis of irregular porous scaffolds for orthopedic reconstruction based on voronoi tessellation and fabricated via selective laser melting (SLM)', *Materials Chemistry and Physics*, 239(August 2019), pp. 1–9. Available at: <https://doi.org/10.1016/j.matchemphys.2019.121968>.
- Endrawati, Y.C. *et al.* (2019) 'Improving poly(lactic acid) properties by using fibre reinforcement of wild silkworm attacus atlas', *Pakistan Journal of Scientific and Industrial Research Series A: Physical Sciences*, 62(1), pp. 38–47. Available at: <https://doi.org/10.52763/PJSIR.PHYS.SCI.62.1.2019.38.47>.
- Gentile, P. *et al.* (2014) 'An overview of poly(lactic-co-glycolic) Acid (PLGA)-based biomaterials for bone tissue engineering', *International Journal of Molecular Sciences*, 15(3), pp. 3640–3659. Available at: <https://doi.org/10.3390/ijms15033640>.
- Haizum Aimi Zaharin, Ahmad Majdi Abdul Ran, Farooq I. Azam, Turnad Lenggo

- Ginta, Nabihah Shalih, Azlan Ahmad, Nurul Azhani Yunus, dan T.Z.A.Z. (2018) 'Pengaruh Jenis Sel Satuan dan Ukuran Pori pada Porositas dan Perilaku Mekanik Perancah Ti6Al4V yang Diproduksi Secara Aditif', *Materials* [Preprint].
- Hutajulu, A. (2017) 'Sintesis dan Karakterisasi Material Biokomposit Polylactic Acid (PLA) Berpenguat Serbuk Tulang Sapi Sebagai Kandidat Bahan Tulang Buatan', *Institut Teknologi Sepuluh Nopember, Surabaya*, pp. 1–124.
- Kumarajati, D.Y.H. (2018) 'Karakterisasi Berbantuan Komputer Untuk Sifat Mekanis Dari 3 Desain Struktur Bone Scaffold', *Dinamika Informatika*, 7(1), pp. 99–108.
- Lubis, S. *et al.* (2022) 'Experimental Study of Pressure Deformation on Honeycomb Structures With Variations in Hexagonal Size Tested Static Study Of Pressure deformation Experiments On Beehive Structure With Hexagonal Size Variations Tested Static', 3(1), pp. 74–82.
- Mahanani, E.S. (2013) 'Perancah Hidogel untuk Aplikasi Rekayasa Jaringan Tulang', *Insisiva Dental Journal: Majalah Kedokteran Gigi Insisiva*, 2(2), pp. 52–57. Available at: <https://journal.umy.ac.id/index.php/di/article/view/576>.
- Marin, A.C. and Lacroix, D. (2015) 'The inter-sample structural variability of regular tissue-engineered scaffolds significantly affects the micromechanical local cell environment', *Interface Focus*, 5(2). Available at: <https://doi.org/10.1098/rsfs.2014.0097>.
- Napianto, R. *et al.* (2019) 'Software Development Sistem Pakar Penyakit Kanker Pada Rongga Mulut Berbasis Web', *Seminar Nasional Pengaplikasian Telematika (SINAPTIKA 2019)*, 1(Sinaptika), p. 10.
- Poernomo, H. (2019) '592-Article Text-1164-2-10-20200406'.
- Pramono, H.S., Sutrisno, W. and Yasin, I. (2018) 'Analisis Sambungan Baut Pada Titik Buhul Jembatan Rangka Baja Menggunakan Metode Elemen Hingga', *RENOVASI: Rekayasa Dan Inovasi Teknik Sipil*, 3(2), pp. 52–63.
- R. Hernandez, D. Slaughter, D. Whaley, J. Tate, and B.A. and Ingram School of Engineering, Texas State University, San Marcos, T. 78666 (2022) 'ANALYZING THE TENSILE, COMPRESSIVE, AND FLEXURAL PROPERTIES OF 3D PRINTED ABS P430 PLASTIC BASED ON PRINTING ORIENTATION USING FUSED DEPOSITION MODELING', 836, pp. 939–950.
- Rachman, T. (2018) 'Pengujian Bone scaffold Finite Elemen Hingga', *Angewandte Chemie International Edition*, 6(11), 951–952., pp. 10–27.
- Rama, B.R.R.R. (2007) 'Analisa Distribusi Tegangan Dan Defleksi Connecting Rod Sepeda Motor 100 Cc Menggunakan Metode Elemen', pp. 1–42.
- Saryono, S., Warsinah, W. and Proverawati, A. (2017) 'Deteksi Kalsium Melalui Pemeriksaan Kepadatan Tulang Pada Lansia di Desa Linggasari, Sebagai Upaya Alih Teknologi dan Peningkatan Pengetahuan Kader Kesehatan Menuju Desa

Mandiri Kesehatan’, *Prosiding*, (November), pp. 641–647. Available at: <http://jurnal.lppm.unsoed.ac.id/ojs/index.php/Prosiding/article/viewFile/463/386>.

Wibowo, A.T. (2016) ‘STUDI PEMBUATAN FILAMEN KOMPOSIT 3D DARI HIDRIAPATIT DAN POLIMER SINTETIS UNTUK PEMBUATAN IMPLAN SCAFFOLDS MANDIBULA’.

Yang, Y. *et al.* (2019) ‘Pembuatan aditif perancah tulang’, 0, pp. 1–25.

Zhang, X.Y., Fang, G. and Zhou, J. (2017) ‘Additively manufactured scaffolds for bone tissue engineering and the prediction of their mechanical behavior: A review’, *Materials*, 10(1). Available at: <https://doi.org/10.3390/ma10010050>.

drg. Putu Ika Anggaraeni, S. O. (2018). Alloplastic Bone Graft for Pocket Reduction After Third Molar Surgery

Isworo, Hajar, and Pathur Razi Ansyah. (2018) "Metode elemen hingga." *Samarinda: Universitas Lambung Mangkurat* .

Putri, Indri Lakshmi, and Sp BP-RE KKF.(2021) *REKAYASA TULANG ALVEOLAR: Dengan Kombinasi Sel Punca Adiposa dan Cangkok Tulang*. Airlangga University Press.

Du, Yue, et al. (2020) "Design and statistical analysis of irregular porous scaffolds for orthopedic reconstruction based on voronoi tessellation and fabricated via selective laser melting (SLM)." *Materials Chemistry and Physics* 239: 121968.

Van der Putte, T. (2009) "Using the discrete 3D Voronoi diagram for the modelling of 3D continuous information in geosciences."