DAFTAR PUSTAKA

Abd. Rahim, T. *et al.* (2020) 'Eggshell derived calcium phosphate and its conversion to dense bodies', *Journal of Advanced Research in Fluid Mechanics and Thermal Sciences*, 65(2), pp. 334–341.

Alshaaer, M. *et al.* (2022) 'Effects of magnetite incorporation in a chemically bonded phosphate ceramic', *Journal of Physics and Chemistry of Solids*, 162(April 2021), p. 110531. Available at: https://doi.org/10.1016/j.jpcs.2021.110531.

Amin, M. and Kurniasih, A. (2016) 'Pengaruh ukuran dan waktu kalsinasi batu kapur terhadap tingkat perolehan kadar CaO', *Seminar Nasional Sains Matematika Informatika dan Aplikasinya IV*, 4, pp. 74–82.

Amjad, Z. (1998) *Calcium Phosphates in Biological and Industrial Systems*. London: Kluwer Academic Publisher.

Augustijns, P. and Brewster, E.M. (2014) *Solvent Systems and Their Selection in Pharmaceutics and Biopharmaceutics*. 1st edn. Beerse: AAPS Press. Available at: https://doi.org/10.1007/978-0-387-69154-1.

BPS (2022) *Kebutuhan Impor Kalsium Fosfat di Indonesia*. Available at: https://www.bps.go.id/exim/ (Accessed: 3 July 2023).

Carella, F. *et al.* (2021) 'The Use of Calcium Phosphates in Cosmetics, State of the Art and Future Perspectives', *Materials*, 14(6398), pp. 1–37. Available at: https://doi.org/10.1201/9780429486579-5.

Dermawan, S.K. *et al.* (2022) 'Effect of the Calcination Temperature on the Properties of Hydroxyapatite from Black Tilapia Fish Bone', *Journal of Physics: Conference Series*, 2169(1). Available at: https://doi.org/10.1088/1742-6596/2169/1/012034.

Dorozhkin, S. V (2019) 'Dental Applications of Calcium Orthophosphates ($CaPO_4$)', *Journal of Dentistry Research*, 1(1), pp. 024–054.

Dorozhkina, E.I. and Dorozhkin, S. V. (2002) 'Mechanism of the solid-state transformation of a calcium-deficient hydroxyapatite (CDHA) into biphasic calcium phosphate (BCP) at elevated temperatures', *Chemistry of Materials*, 14(10), pp. 4267–4272. Available at: https://doi.org/10.1021/cm0203060.

Drevet, R., Fauré, J. and Benhayoune, H. (2023) 'Bioactive Calcium Phosphate

Coatings for Bone Implant Applications: A Review', *Coatings*, 13(6), pp. 1–27. Available at: https://doi.org/10.3390/coatings13061091.

Edahwati, L. *et al.* (2022) 'Synthesis of Calcium Phosphate from Boiler Egg Shells as Raw Material for Hydroxyapatite', 2022, pp. 108–113.

Estrada, F. *et al.* (2007) 'Pengambilan Minyak Kemiri dengan Cara Pengepresan dan Dilanjutkan Ekstrasi Cake Oil', *Jurnal Widya Teknik*, 6(2), pp. 121–130.

Le Gars Santoni, B. *et al.* (2021) 'Chemically pure β-tricalcium phosphate powders: Evidence of two crystal structures', *Journal of the European Ceramic Society*, 41(2), pp. 1683–1694. Available at: https://doi.org/10.1016/j.jeurceramsoc.2020.09.055.

Gras, P. *et al.* (2013) 'Crystallisation of a highly metastable hydrated calcium pyrophosphate phase', *CrystEngComm*, 15(12), pp. 2294–2300. Available at: https://doi.org/10.1039/c2ce26499d.

Griesiute, D. *et al.* (2021) 'Synthesis of β-ca2p2o7 as an adsorbent for the removal of heavy metals from water', *Sustainability (Switzerland)*, 13(14), pp. 1–9. Available at: https://doi.org/10.3390/su13147859.

Guo, X. *et al.* (2013) 'Effect of calcining temperature on particle size of hydroxyapatite synthesized by solid-state reaction at room temperature', *ADVANCED POWDER TECHNOLOGY*, 1(1), pp. 1–5. Available at: https://doi.org/10.1016/j.apt.2013.03.002.

Insiyah and Cahyaningrum, S.E. (2019) 'Sintesis Dan Karakterisasi Hidroksiapatit Dari Batu Kapur Dengan Metode Pengendapan Basah', *UNESA Journal of Chemistry*, 8(3), pp. 114–110.

Ishikawa, K., Garskaite, E. and Kareiva, A. (2020) 'Sol–gel synthesis of calcium phosphate-based biomaterials—A review of environmentally benign, simple, and effective synthesis routes', *Journal of Sol-Gel Science and Technology*, 94(3), pp. 551–572. Available at: https://doi.org/10.1007/s10971-020-05245-8.

Islamillennio, A. (2023) 'PENGARUH SUHU DAN WAKTU KALSINASI TERHADAP KEMURNIAN HIDROKSIAPATIT BERBASIS TULANG AYAM DENGAN METODE PRESIPITASI Mochamad Arif Irfa'i', *Jurnal*

Teknik Mesin, 11(1), pp. 19–24.

Jadhav, V.R. *et al.* (2019) 'Mathematical Treatment to Understanding the Concentration Terms', *International Journal of Research & Review*, 6(January), pp. 172–175. Available at: www.ijrrjournal.com.

Jauhari and Maming (2014) 'DETERMINATION OF THE CORAL AGE IN SPERMONDE ARCHIPELAGO MEASUREMENT ACTIVITY USING LSC (Liquid Scintillation Counting) METHOD', *Marina Chimica Acta*, 15(1), pp. 15–20.

Kalbarczyk, M. *et al.* (2022) 'Synthesis and Characterization of Calcium Phosphate Materials Derived from Eggshells from Different Poultry with and without the Eggshell Membrane', *Materials*, 15(3), pp. 1–12. Available at: https://doi.org/10.3390/ma15030934.

Karalkeviciene, R. *et al.* (2023) 'Solvothermal Synthesis of Calcium Hydroxyapatite via Hydrolysis of Alpha-Tricalcium Phosphate in the Presence of Different Organic Additives', *Crystals*, 13(2), pp. 1–11. Available at: https://doi.org/10.3390/cryst13020265.

Khaira, K. (2011) 'Pengaruh Temperatur dan Waktu Kalsinasi Batu Kapur Terhadap Karakterisik Precipitated Calcium Carbonate (PCC)', *Jurnal Sainstek*, III(1), pp. 33–43.

Lee, Y.H. *et al.* (2021) 'RSC Advances PAPER E ff ects of pH and metal composition on selective extraction of calcium from steel slag for Ca (OH) 2', *RSC Advances*, 11(1), pp. 8306–8313. Available at: https://doi.org/10.1039/D0RA08497B.

Lewis, A.E. *et al.* (2015) *Industrial crystallization: Fundamentals and applications*, *Industrial Crystallization: Fundamentals and Applications*. Available at: https://doi.org/10.1017/CBO9781107280427.

Meyer, F. *et al.* (2018) 'Overview of Calcium Phosphates used in Biomimetic Oral Care', *The Open Dentistry Journal*, 12(1), pp. 406–423. Available at: https://doi.org/10.2174/1874210601812010406.

Muljani, S., Sumada, K. and Erliyanti, N.K. (2019) 'Synthesis and Characteristics of Calcium Phosphate from White Mussel Shell', 2019, pp. 551–557. Available

at: https://doi.org/10.11594/nstp.2019.0473.551.

Neves, J.G. *et al.* (2021) 'Effect of pH level and calcination on the production of calcium phosphates by acidic route of wet precipitation', *Ceramica*, 67(382), pp. 236–243. Available at: https://doi.org/10.1590/0366-69132021673822965.

Nguyen-Trong, D., Pham-Huu, K. and Nguyen-Tri, P. (2019) 'Simulation on the Factors Affecting the Crystallization Process of FeNi Alloy by Molecular Dynamics', *ACS Omega*, 4(11), pp. 14605–14612. Available at: https://doi.org/10.1021/acsomega.9b02050.

Nugraha, A.W., Nurmalis and Martoprawiro, M.A. (2013) 'Pengembangan Metode Penentuan Jenis Pelarut Senyawa-Senyawa Organik Berdasarkan Kajian Termodinamika Kimia Melalui Pendekatan Pemodelan Molekul Dan Eksperimen Di Laboratorium', *Jurnal Saintika*, pp. 48–57.

Nurma Wahyusi, K., Karunia, N. and Satrya, M. (2021) 'Precipitation Method in Calcium Phosphat Synthesis from Blood Clamshells (Anadara Granosa)', *Journal of Physics: Conference Series*, 1899(1), pp. 1–6. Available at: https://doi.org/10.1088/1742-6596/1899/1/012057.

Pangestu, T.O. *et al.* (2021) 'Sintesis dan Karakterisasi Kalsium Fosfat dari Cangkang Bekicot dengan Metode Presipitasi', *CHEESA: Chemical Engineering Research Articles*, 4(2), p. 82. Available at: https://doi.org/10.25273/cheesa.v4i2.8931.82-90.

Permana, A.J. *et al.* (2019) 'Facile Sol-Gel Synthesis of Calcium Phosphates: Influence of Ca/P Ratio and Calcination Temperature', *IOP Conference Series: Earth and Environmental Science*, 217(1), pp. 1–4. Available at: https://doi.org/10.1088/1755-1315/217/1/012001.

Prayudo, A. *et al.* (2015) 'Koefisien transfer massa kurkumin dari temulawak', *Andalas University Press*, 14(1), pp. 26–31.

Prillaman, J.T., Miyake, N. and Davis, R.J. (2021) 'Calcium Phosphate Catalysts for Ethanol Coupling to Butanol and Butadiene', *Catalysis Letters*, 151(3), pp. 648–657. Available at: https://doi.org/10.1007/s10562-020-03342-5.

Rahmadina, E. *et al.* (2020) 'Penggandaan Skala Proses Pengadukan Terhadap Rendemen Patchouli Alcohol Pada Kristalisasi Scale Up The Agitating Process

Of Patchouli Alcohol ' S Yield On', *Prosiding Seminar Nasional Agribisnis*, (November), pp. 107–111.

Razak, A., Isa, N.M. and Adzila, S. (2021) 'Synthesis of calcium phosphate extracted from eggshell waste through precipitation method', *Biointerface Research in Applied Chemistry*, 11(6), pp. 15058–15067. Available at: https://doi.org/10.33263/BRIAC116.1505815067.

Sinambela, F., Windarti, T. and Parsaroan (2012) 'Jurnal Kimia Sains dan Aplikasi Pengaruh Waktu pada Pembentukan Kalsium Fosfat dengan', *Journal of Scientific and Applied Chemistry*, 15(3), pp. 105–110.

Sokolova, V. and Epple, M. (2021) 'Biological and Medical Applications of Calcium Phosphate Nanoparticles', *Chemistry - A European Journal*, 27(27), pp. 7471–7488. Available at: https://doi.org/10.1002/chem.202005257.

Sunardi, Irawati, U. and Wianto, T. (2011) 'Karakterisasi Kaolin Lokal Kalimantan Selatan Hasil Kalsinasi', *Jurnal Fisika FLUX*, 8(1), pp. 59–65.

Sunardi, S., Krismawati, E.D. and Mahayana, A. (2020) 'Sintesis dan Karakterisasi Nanokalsium Oksida dari Cangkang Telur', *ALCHEMY Jurnal Penelitian Kimia*, 16(2), p. 250. Available at: https://doi.org/10.20961/alchemy.16.2.40527.250-259.

Sunarya, Y.J.P.P. *et al.* (2022) 'Pengaruh Metode Hidrolisis Terhadap Karakteristik Kimia Senyawa Kalsium Hasil Ekstraksi dari Cangkang Telur Ayam', *KOVALEN: Jurnal Riset Kimia*, 8(1), pp. 25–31. Available at: https://doi.org/10.22487/kovalen.2022.v8.i1.15803.

Tavoni, M. *et al.* (2021) 'Bioactive calcium phosphate-based composites for bone regeneration', *Journal of Composites Science*, 5(9), pp. 1–27. Available at: https://doi.org/10.3390/jcs5090227.

Tsikourkitoudi, V. *et al.* (2020) 'Flame-made calcium phosphate nanoparticles with high drug loading for delivery of biologics', *Molecules*, 25(7). Available at: https://doi.org/10.3390/molecules25071747.

Windarti, T. *et al.* (2016) 'Preface: International Conference on Recent Trends in Physics (ICRTP 2016)', *Journal of Physics: Conference Series*, 755(1), pp. 1–7. Available at: https://doi.org/10.1088/1742-6596/755/1/011001.

Woyengo, T.A. *et al.* (2022) 'Calcium and phosphorus digestibility in rock- and bone-derived calcium phosphates for pigs and poultry: A review', *Animal Feed Science and Technology*, 294. Available at: https://doi.org/10.1016/j.anifeedsci.2022.115509.

Yuliani, S.H. *et al.* (2019) 'Effects of Particle Size, Extraction Time, and Solvent Selection on Daidzein Extracted Amount from Tempeh-A Fermented Product of Soybean', *Journal of Pharmaceutical Sciences and Community*, 16(1), pp. 44–49. Available at: https://doi.org/10.24071/jpsc.001794.