

DAFTAR PUSTAKA

- (1) Frasnelli, M., Cristofaro, N., Bruni, G.: Synthesis and Characterization of Strontium-substituted Hydroxyapatite Nanoparticles for Bone Regeneration. *Materials Science and Engineering C*. 2016, 71, 653 -662
- (2) Mirzaee, M., Vaezi, M., Palizdar, Y.: Synthesis and Characterization of Silver Doped Hydroxyapatite Nanocomposite Coatings and Evaluation of Their Antibacterial and Corrosion Resistance Properties In Simulated Body Fluid. *Material Science and Engineering C*. 2016, 69, 675 - 684
- (3) Teixeira, S., Amaral, F., Graca, M.: Comparison of Lithium Ferrite Powders Prepared by Sol-Gel and Solid State Reaction Methods. *Material Science and Engineering B*. 2020, 255, 114529
- (4) Sangwaranatee, N., Teanchai, K., Kongsriprapan, S.: Characterization and Analyzation of Chitosan Powder from *Perna Viridis* Shell. *Materials Today:Proceedings*. 2018, 5, 13922 - 13925
- (5) Iqbal, N., Kadir, M.R.A., Mahmood, N.H., Salim, N., Froemming, G.R.A., Balaji, H.R., Kamarul, T., Characterization, Antibacterial and In Vitro Compatibility of Zinc-Silver Doped Hydroxyapatite Nanoparticles Prepared Through Microwave Synthesis, *Ceramics International*, 2014, 40, 4507 - 4513
- (6) Boyd, A.R., Rutledge, L., Randolph, L.D.: Strontium-substituted Hydroxyapatite Coatings Deposited via a Co-Deposition Sputter Technique. *Material Science and Engineering C*. 2015, 46, 290 - 300
- (7) Tsai, S., Yu, W., Hwang, P.: Fabrication and Characterization of Strontium-Substituted Hydroxyapatite-CaO-CaCO₃ Nanofibers with a Mesoporous Structure as Drug Delivery Carriers. *Pharmaceutics*. 2018, 10, 179
- (8) Adriana, B., Boanini, E., Capuccini, C.: Strontium Substituted Hydroxyapatite Nanocrystals. *Inorganica Chimica Acta*. 2007, 360, 1009 - 1016
- (9) Brauer, D.S., Karpukhina, N.: Bactericidal Strontium-Releasing Injectable Bone Cements Based on Bioactive Glasses. *Jornal R Soc Interface*. 2013
- (10) Oseana : Beberapa Aspek Biologi Kerang Hijau *Perna viridis* Linnaeus 1758. 2008, 1, 33 - 4
- (11) Putri, R., Mardesci, H.: Uji Hedonik Biskuit Cangkang Kerang Semping (*Placuna placenta*) dari Perairan Indragiri Hilir. 2018, 2, 19 - 29

- (12) Jati, D., Azizah, M.: Studi Literature Tentang Manfaat Penggunaan Biokeramik Alumina pada Penggantian Pinggul (*Hip Replacement*). 2019, 45 - 48
- (13) Best, S.M., Porter A.E., Thian E.S., Huang, J.: Bioceramics : Past, Present and Future. 2008, 1319–1327.
- (14) Anjarsari., Dahlan, K., Suptijah, P., Kemala, A.: Sintesis dan Karakterisasi Biokomposit BCP/ Kolagen Sebagai Material Perancah Tulang. 2016, 3, 356 - 360
- (15) Kattimani V.S., Chakravarthi P.S., Kanumuru N.R., Subbarao V.V., Sidharthan, A., Kumar, T.S.S.: Eggshell Derived Hydroxyapatite as Bone Graft Substitute In The Healing of Maxillary Cystic Bone Defects : A Preliminary Report. *Journal of International Oral Health*. 2014, 1, 15 - 19
- (16) Suryadi S.: Sintesis dan Karakterisasi Biomaterial Hidroksiapatit dengan Proses Pengendapan Kimia Basah. Tesis Magister Teknik Indonesia. 2011.
- (17) Wu, S., Tsou, H., Hsu, H.: A Hydrothermal Synthesis of Eggshell and Fruit Waste Extract to Produce Nanosized Hydroxyapatite. *Ceramics International*. 2013, 7, 8183 - 8188
- (18) Gergely, G., Weber, F., Lukacs, I., Toth, A.: Preparation and Characterization of Hydroxyapatite from Eggshell. *Ceramics International*. 2011, 36, 803 - 806
- (19) Jamarun, N., Miftahurrahmi, M., Septiani, U.: Synthesis of Hydroxyapatite from Halaban Limestone by Sol-Gel Method. *Research Journal of Pharmaceutical Biological and Chemical Sciences*. 2016, 7, 2956 - 2961
- (20) Szczes, A., Holysz, L., Chimbowski, E.: Synthesis of Hydroxyapatite for Biomedical Applications. *Advances in Colloid and Interface Science*. 2017, 249, 321 - 330
- (21) Muliati, M.: Sintesis dan Karakterisasi Hidroksiapatit dari Tulang Ikan Tuna (*Thunus Sp*) dengan Metode Sol-Gel. Skripsi Universitas Alauddin. 2016. Makassar
- (22) Sidiqa, N., Djusiana, N., Sunendar, B., Febrida, R.: Surface Modification of Multilayer Coating Ti-Al-Cr and Hydroxyapatite on Calcium Phosphate Cement with Sol-Gel Method. *Journal of Dentistry Indonesia*. 2012, 19, 43-46
- (23) Kailasanathan, C., Selvakumar, N., Naidu, V.: Structure and Properties of Titania Reinforced Nano-Hydroxyapatite/Gelatin Bio-composites for Bone Graft Materials. *Ceramic International*. 2012, 38, 571 -579
- (24) Othsuki, M.: Bone-grafting Materials Their Uses Advantages and Disadvantages. *The Journal of Prosthetic Dentistry*. 2002, 133, 1125 -1126

- (25) Charles, K.: *Introduction to Solid State Physics (Seven Edition)*. Willey and Sons Inc; 1999
- (26) Setiabudi, A., Hardian, R., Muzakir, A.: *Karakterisasi Material Prinsip dan Aplikasinya dalam Penelitian Kimia*. Upi Press; 2012
- (27) Gunawan, B., Azhari, C.D.: *Karakterisasi Spektrofotometri IR dan Scanning Electron Microscopy (SEM) Sensor Gas dari Bahan Polimer Poly Ethelyn Glycol (PEG)*
- (28) Hairunisa., Shofiyani, A., Syahbanu, I.: *Sintesis Kalsium Oksida dari Cangkang Kerang Ale-Ale (*Meretrix meretrix*) pada Suhu Kalsinasi 700°C*
- (29) Wei, Z., Xu, C., Li, B.: *Application of Waste Eggshell as Low-cost Solid Catalyst for Biodiesel Production*
- (30) Suhardin, A., Ulum, M.S., Darwis, D.: *Penentuan Komposisi Optimum CaO dari Batu Kapur Kecamatan Banawa*. 2018, 7
- (31) Maulia, G.: *Pembuatan PCC (Precipitated Calcium Carbonate) Menggunakan Bahan Baku Lime Mud dengan Metode Kaustik Soda*. 2020, 2
- (32) Edwin, N., Wilson, P.: *Investigations on Sonofragmentation of Hydroxyapatite Crystals as a Function of Strontium Incorporation*. 2019
- (33) Liao, J., Li, Y., Zou, Q., Duan, X., Yang, Z., Xie, Y., Liu, H.: *Preparation, Characterization and Properties Nano-Hydroxyapatite/Polypropilene Carbonate Biocomposite*. *Material Science and Engineering*. 2016, 63, 285-291.
- (34) Venda, I., Thamizharasi, V.: *A New Attempt on Synthesis of Spherical Nano-Hydroxyapatite Powders Prepared by Dimethyl Sulfoxide-Poly Vinyl Alcohol Assited Microemulsion Method*. *Material Chemistry and Physics*. 2021, 259, 124097
- (35) Cappucini, C., Torricelli, P., Boanini, P., Gazzano, M., Giardino, R., Bigi, A.: *Interaction of Sr-doped Hydroxyapatite Nanocrystals with Osteoclast and Osteoblast-like Cells*. *Journal of Biomedical Materials Research*. 2008, 89

