

## Table of Contents

<b>Carbonated Hydroxyapatite Extracted from Indonesian's Eggshell Biogenic Wastes as Bioceramic Materials</b> M. Sari, A. Ashilawati, L. Khoir, R. Wahyuningsih and Y. Yusuf	1
<b>Fabrication of Aligned Alanine Functionalized Hydroxyapatite Nanorods Embedded in Electrospun Gelatin Scaffolds as a Coating Material for Titanium Bone Implant Application</b> N. Thongnasan, C. Sinthuvanich and K. Akkarachaneeyakorn	9
<b>Viability Base Gel as Potential for Fabricating <i>Crassostrea gigas hydroxyapatite</i> (HA-<i>Crassostrea gigas shell</i>) Gel for Dental Caries Repair</b> A. Nisa, M. Sari and Y. Yusuf	15
<b>Inhibition of the Biofilm Formation of Anaerobic Bacteria Involved in Secondary Caries by Dental Adhesive</b> S. Thaweboon, T. Saito and B. Thaweboon	21
<b>Evaluation of Newly Formulated Chlorhexidine Mouthwash</b> P. Tua-Ngam, R. Srichan, A. Klaophimai, P. Rudrakanjana, T. Wuttihasa and R. Kaypetch	27
<b>Antibacterial Activity Edible Coating of Jackfruit Seed Starch and Alginate Incorporated with ZnO Nanoparticles Applied to Cherry Tomatoes</b> L. Mahardiani and N. Riyaz Saputri	33
<b>Physicochemical and Characterization Nano-Calcium Catfish Bone Flour (<i>Clarias gariepinus</i>)</b> S. Suryaningsih, B. Muslim and M. Djali	43
<b>Anthocyanins from Java Plum Fruits (<i>Syzygium cumini</i>) and Their Stability in Various pHs</b> M.H. Wathon, E. Susilowati and S.R.D. Ariani	51
<b>Application of Microbial Fuel Cell (MFC) for Bioremediation of Ammonia</b> N.A. Rizki, M. Masykuri and R. Rosariastuti	63