

DAFTAR PUSTAKA

- Adilina, Indri Badria, Egi Agustian, Yenny Meliana, and Anny Sulaswatty. 2015. "Synthesis And Properties Of Ethoxylated Glycerol Monooleate As Palm Oil Based Nonionic Surfactants." *Jurnal Kimia Terapan Indonesia (Indonesian Journal of Applied Chemistry)* 17(1): 49–55.
- Al-Sabagh, A M, N M Nasser, Olfat E El-Azabawy, and Amira E El-Tabey. 2016. "Corrosion Inhibition Behavior of New Synthesized Nonionic Surfactants Based On Amino Acid On Carbon Steel In Acid Media." *Journal of Molecular Liquids* 219: 1078–88.
- Alba-Rubio, Ana C et al. 2010. "Heterogeneous Transesterification Processes by Using CaO Supported on Zinc Oxide as Basic Catalysts." *Catalysis Today* 149(3–4): 281–87.
- Anggraini, Bella. 2016. "Pembuatan PCC (Precipitated Calcium Carbonate) Dari Limbah Cangkang Sotong Dengan Variasi Konsentrasi Penambahan Hno₃."
- Apriliani, Nurul Fitria. 2017. "Studi Literatur PCC (Precipitated Calcium Carbonate) Untuk Aplikasi Bidang Teknik." *Jurnal Teknika* 8(1): 4.
- Apriliani, Nurul Fitria, Malik a Baqiya, and Darminto. 2012. "Pengaruh Penambahan Larutan MgCl₂ Pada Sintesis Kalsium Karbonat Presipitat Berbahan Dasar Batu Kapur Dengan Metode Karbonasi." *Sains dan Seni ITS* 1(1): B30–34.
- Aziz, M. 2010. "Batu Kapur Dan Peningkatan Nilai Tambah Serta Spesifikasi Untuk Industri." *Jurnal Teknologi Mineral dan Batubara* 3(6): 116–31.
- Azkiya, Noor Isnaini et al. 2017. "Synthesis of Precipitated Calcium Carbonate (PCC) from Lime Rock Nature Methods Caustic Soda (Studies Concentration HNO₃)." *Jurnal ILMU DASAR* 17(1): 31–34.
- Dai Lam, Tran, Tran Vinh Hoang, Duong Tuan Quang, and Jong Seung Kim. 2009. "Effect of Nanosized and Surface-Modified Precipitated Calcium Carbonate on Properties of CaCO₃/Polypropylene Nanocomposites." *Materials Science and Engineering: A* 501(1–2): 87–93.

- \Gao, Canzhu, Yuan Dong, Hongjuan Zhang, and Jiaming Zhang. 2007. "Utilization of Distiller Waste and Residual Mother Liquor to Prepare Precipitated Calcium Carbonate." *Journal of Cleaner Production* 15(15): 1419–25.
- Gusti, J. 2008. "Pengaruh Penambahan Surfaktan Pada Sintesis Senyawa Kalsium Fosfat Melalui Metode Pengendapan." *Padang: Universitas Andalas*.
- Hadiko, Gunawan, Yong Sheng Han, Masayoshi Fuji, and Minoru Takahashi. 2005. "Synthesis of Hollow Calcium Carbonate Particles by the Bubble Templating Method." *Materials Letters* 59(19–20): 2519–22.
- Hasyim, Ummul Habibah. 2015. "(Pcc) Dengan Coating Agents Asam Stearat Dan Gama Mercaptosilane Sebagai Reinforcing Filler Pada." (November): 1–12.
- He, Ming, Byoung-Uk Cho, and Jong Myoung Won. 2016. "Effect of Precipitated Calcium Carbonate—Cellulose Nanofibrils Composite Filler on Paper Properties." *Carbohydrate polymers* 136: 820–25.
- Hołysz, Lucyna, Emil Chibowski, and Aleksandra Szcześ. 2003. "Influence of Impurity Ions and Magnetic Field on the Properties of Freshly Precipitated Calcium Carbonate." *Water research* 37(14): 3351–60.
- Hu, Zeshan, Minghao Shao, et al. 2009. "Synthesis of Needle-like Aragonite from Limestone in the Presence of Magnesium Chloride." *Journal of materials processing technology* 209(3): 1607–11.
- Hu, Zeshan, Xiaoyan Zen, Jian Gong, and Yulin Deng. 2009. "Water Resistance Improvement of Paper by Superhydrophobic Modification with Microsized CaCO₃ and Fatty Acid Coating." *Colloids and Surfaces A: Physicochemical and Engineering Aspects* 351(1–3): 65–70.
- Huang, Lu et al. 2009. "Preparation, Characterization, and Antibacterial Activity of Oleic Acid-Grafted Chitosan Oligosaccharide Nanoparticles." *Frontiers of Biology in China* 4(3): 321–27.
- Indrajati, Ihda Novia, Indiah Ratna Dewi, and Ike Setyorini. 2013. "Efek Ukuran, Bentuk Dan Konsentrasi Partikel Precipitated Calcium Carbonate (PCC) Yang Ditambahkan Pada Sifat Mekanik Komposit Karet Alam." *Majalah Kulit, Karet, dan Plastik* 29(1): 43.

- Jamarun, Novesar, and Syukri Arief. 2015. "Pembuatan Precipitated Calcium Carbonate (PCC) Dari Batu Kapur Dengan Metoda Kaustik Soda." *Jurnal Riset Kimia* 1(1): 20.
- Jeon, Chi Wan et al. 2018. "Nonpolar Surface Modification Using Fatty Acids and Its Effect On Calcite From Mineral Carbonation of Desulfurized Gypsum." *Coatings* 8(1): 43.
- Jeong, Soo-Bok, Young-Cheol Yang, Young-Bae Chae, and Byoung-Gon Kim. 2009. "Characteristics of the Treated Ground Calcium Carbonate Powder with Stearic Acid Using the Dry Process Coating System." *Materials transactions*: 901190649.
- Jeong, Soo Bok, Young Cheol Yang, Young Bae Chae, and Byoung Gon Kim. 2009. "Characteristics of the Treated Ground Calcium Carbonate Powder with Stearic Acid Using the Dry Process Coating System." *Materials Transactions* 50(2): 409–14.
- Kemperl, J, and J Maček. 2009. "Precipitation of Calcium Carbonate from Hydrated Lime of Variable Reactivity, Granulation and Optical Properties." *International Journal of Mineral Processing* 93(1): 84–88.
- Ketaren, S. 2008. "Pengantar Teknologi Pengolahan Minyak Dan Lemak Pangan: Jakarta: UI-Press."
- Kim, Jin et al. 2015. "Improved Suspension Stability of Calcium Carbonate Nanoparticles By Surface Modification With Oleic Acid and Phospholipid." *Biotechnology and bioprocess engineering* 20(4): 794–99.
- Kirboga, Semra, and Mualla Oner. 2013. "Effect of the Experimental Parameters on Calcium Carbonate Precipitation." *Chemical Engineering Transactions* 32: 2119–24.
- Lailiyah, Qudsiyyatul, and Malik A Baqiya. 2012. "Pengaruh Temperatur Dan Laju Aliran Gas CO₂ Pada Sintesis Kalsium Karbonat Presipitat Dengan Metode Bubbling." 1(1).
- Lee, Ji Young, Hak Lae Lee, and Hye Jung Youn. 2005. "Adsorption Analysis of Cationic Guar Gum on Fibers in Closed Papermaking Systems." *Tappi journal (2002)* 4(10): 15–19.

- Li, Shuxia et al. 2010. "Facile Preparation of Diversified Patterns of Calcium Carbonate in the Presence of DTAB." *Journal of crystal growth* 312(10): 1766–73.
- Lukman, Mita Wulandari. 2013. "Sintesis Biomaterial Komposit CaO-SiO₂ Berbasis Material Alam (Batuan Kapur Dan Pasir Kuarsa) Dengan Variasi Suhu Pemanasan Dan Pengaruhnya Terhadap Porositas, Kekerasan Dan Mikrostruktur." *SKRIPSI Jurusan Fisika-Fakultas MIPA UM*.
- Majid, Dhiyaulhaq Al, and Bangun Muljo Sukojo. 2017. "Pemetaan Potensi Batuan Kapur Menggunakan Citra Satelit Landsat 8 Di Kabupaten Tuban." *Jurnal Teknik ITS* 6(2).
- Meilianti, Meilianti. 2018. "Isolasi Kalsium Oksida (CaO) Pada Cangkang Sotong (Cuttlefish) Dengan Proses Kalsinasi Menggunakan Asam Nitrat Dalam Pembuatan Precipitated Calcium Carbonat (PCC)." *Jurnal Distilasi* 2(1): 1–8.
- Mora, Enda, and Nandhana Selpas. 2013. "Isolasi Dan Karakterisasi Asam Oleat Dari Kulit Buah Kelapa Sawit (Elais Guinensis Jacq.)." *Penelitian Farmasi Indonesia* 1(2): 47–51.
- Myers, Drew. 2006. "Surfactant Science and Technology, A John Wiley & Sons." *Inc.: Hoboken, New Jersey*: 48–73.
- Octavianty, D', and A' Amri. 2015. "Sintesa Precipitated Calcium Carbonate (PCC) Dari Kulit Kerang Darah (Anadara Granosa Dengan Variasi Konsentrasi Asam Dan Rasio CaO/HNO₃."
- Rostika, Ike, Elyani Nina, Evi Oktaria, and Rina Masrani. 2017. "Jurnal Selulosa." *Jurnal Selulosa* 8(1): 9–20.
- Schramm, Laurier L, Elaine N Stasiuk, and D Gerrard Marangoni. 2003. "2 Surfactants and Their Applications." *Annual Reports Section "C"(Physical Chemistry)* 99: 3–48.
- Shi, Xuetao, Roberto Rosa, and Andrea Lazzeri. 2010. "On the Coating of Precipitated Calcium Carbonate with Stearic Acid in Aqueous Medium." *Langmuir* 26(11): 8474–82.

- Soundararajah, Q Y, B S B Karunaratne, and R M G Rajapakse. 2009. "Montmorillonite Polyaniline Nanocomposites: Preparation, Characterization and Investigation of Mechanical Properties." *Materials Chemistry and Physics* 113(2-3): 850-55.
- Ukrainczyk, Marko, Jasminka Kontrec, and Damir Kralj. 2009. "Precipitation of Different Calcite Crystal Morphologies in the Presence of Sodium Stearate." *Journal of colloid and interface science* 329(1): 89-96.
- Wardhani, Sri et al. 2018. "Effect of CO₂ Flow Rate and Carbonation Temperature in the Synthesis of Crystalline Precipitated Calcium Carbonate (PCC) from Limestone." *Indonesian Journal of Chemistry* 18(4): 573-79.
- Wijaya, Putu Adhi Rama, and Ratri Puspita Wardani. 2018. "Pengurangan CO₂ Dalam Biogas Menggunakan Kolom Gelembung Ca (OH)₂ Secara Kontinyu."
- Yuan, C L et al. 2014. "Study On Characteristics and Harm of Surfactants." *Journal of chemical and pharmaceutical research* 6(7): 2233-37.
- Zapata, Paula A et al. 2019. "Effect of CaCO₃ Nanoparticles On The Mechanical and Photo-Degradation Properties of LDPE." *Molecules* 24(1): 126.
- Zhao, Dong, Ren-Xi Zhuo, and Si-Xue Cheng. 2012. "Alginate Modified Nanostructured Calcium Carbonate With Enhanced Delivery Efficiency For Gene and Drug Delivery." *Molecular BioSystems* 8(3): 753-59.