



DAFTAR PUSTAKA

- Appriilia Iffi, Sarmayana dan Endang Suprastiwi, 2021, 'Perbedaan intensitas transmitansi pelepasan senyawa hidroksil mineral trioxide aggregate, nano silika sekam padi hasil metode sol-gel dan pirolisis, Padjadjaran : Journal of Dental Researchers and Student
- Awaji, N.S. Ohkubo, T. Nakanishi, T. Aoyama, Y. Sugita, K. Takasaki, S. Komiya. 1997. "Thermal oxide growth at chemical vapor deposited SiO₂/Si interface during annealing evaluated by difference X-ray reflectivity, Appl". Phys. Lett. 71 (1997) 1954–1956.
- Badan Pusat Statistik. 2018." Buletin Statistik Perdagangan Luar Negeri Impor". Jakarta: Badan Pusat Statistik
- Cai, w, dkk. 2009. "Template-induced synthesis of hierarchical SiO₂-AlOOH spheres and their application in Cr(VI) removal". China : Nanomaterials and Nanotechnology, Institute of Solid State Physics, Chinese Academy of Sciences
- Chandra, dkk. 2012." Isolasi dan Karakterisasi Silika dari Sekam Padi". Medan : Jurusan Teknik Kimia Fakultas Teknik Universitas Sumatera Utara
- Dewati, R., Muljani, S., Suprihatin, S., and Sumada, K., 2019, Precipitated Silica from Sodium Silicate by CO₂ on Fixed Bed Column, *Materials Science Forum*, 966, 14-18
- D.S.Sutar. 2014. "Synthesis and Characterization of Cellulose fiber-silica Nanocomposites", Lappeenranta University of Technology
- Fairus Sirin, Haryono, Mas H. Sugita, dan Agus Sudrajat. 2009. "Proses Pembuatan Waterglass Dari Pasir Silika Dengan Pelebur Natrium Hidroksida". Vol. 8. 56-62. Jurusan Teknik Kimia, Fakultas Teknologi Industri, Institut Teknologi Nasional: Bandung



- Ginanjari, Rhevi Raditya. 2014. "Ekstraksi Silika Dari Abu Sekam Padi Menggunakan Pelarut NaOH". Purwokerto: Program Studi Teknik Kimia Fakultas Teknik Universitas Muhammadiyah Purwokerto
- Hagemans, F., Pujala, R.K., Hotie, D.S., Dominique M. E. Thies-Weesie, et al, 2019, Shaping Silica Rods by Tuning Hydrolysis and Condensation of Silica Precursors, *Chem. Mater.*, 31, 521–531
- Hayden, D.R., Kennedy, C.L., Velikov, K.P., Alfons van Blaaderen, and Imhof, A., 2019, Seeded-Growth of Silica Rods from Silica-Coated Particles, *Langmuir*, 35, 14913–14919
- Hong, R.Y. J. Ding, H.Z. Li. 2003. "Thermodynamic analysis and experimental verification for synthesizing silicon nitride nanoparticles using RF plasma CVD". *Chin. Particuol.* 1 (2003) 162–167.
- Hong, R.Y.B. Feng, Z.Q. Ren, B. Xu, H.Z. Li, Y. Zheng, J. Ding, D.G. Wei. 2009. "Thermodynamic, hydrodynamic, particle dynamic, and experimental analyses of silica nanoparticles synthesis in diffusion flame". *Can. J. Chem. Eng.* 87 (2009) 143–156.
- Jang, H.D. 2001. "Experimental study of synthesis of silica nanoparticles by a benchscale diffusion flame reactor" *Powder Technol.* 119 (2001) 102–108
- Krishna. 2012. "Precipitated Silica". India: Shari Krishna Silica Mineral Private Limited
- Kuijk, A., Alfons van Blaaderen, and Imhof, A., 2011, Synthesis of Monodisperse, Rodlike Silica Colloids with Tunable Aspect Ratio, *J. Am. Chem. Soc.*, 133, 2346–2349
- Kumoro, Andri Cahyo dan Hadiyanto. 2000. "Absorpsi Gas Karbondioksida Dengan Larutan Soda Asam Dalam Kolom Unggun Tetap". Yogyakarta: Program Studi Teknik Kimia Fakultas Teknik Universitas Gajah Mada
- Malherbe, Rolanda. 2007. "Physical Chemistry of Materials": Institute of Physical Chemical Applied Research Puerto Rico Universidad del Turabo
-



- Muljani, Srie. 2013. "Ekstraksi Silika Dari Abu Sekam Pencucian Dua Tahap Untuk Preparasi Silika Dari Lumpur Panas Bumi (*Geothermal Sludge*)". Surabaya: Program Studi Teknik Kimia Fakultas Teknologi Industri Institut Teknologi Sepuluh Nopember
- Muljani, Srie, dkk. 2018. " *Effect of Acidic salts on Characteristics of Precipitated Silica from Geothermal Sludge*". Surabaya: Program Studi Teknik Kimia Fakultas Teknik Universitas Pembangunan Nasional "Veteran" Jawa Timur
- Music, S, dkk. 2011. " *Precipitation of amorphous SiO₂ particles and their properties*". Kroasia : Fakultas Teknik Geoteknik Universitas Zagreb
- Raza, N, dkk. 2018. " *Synthesis and characterization of amorphous precipitated silica from alkaline dissolution of olivine*". Royal Society of Chemistry
- Ryan P. Murphy, Kunlun Hong, Norman J. Wagner, 2017, Synthetic control of the size, shape, and polydispersity of anisotropic silica colloids, *Journal of Colloid and Interface Science*, 501, 45-53
- Setiabudi, Agus. 2014. "Analisa XRF, XRD, SEM". (http://file.upi.edu/Direktori/FPMIPA/JUR._PEND._KIMIA/196808031992031AGUSSETIABUDI/Bahan_Kuliah_Karakterisasi_Material/Bab_4_Analisa_dengan_XRF.pdf). Diakses pada tanggal 01 Mei 2017 pukul 14.40 WIB
- Sumada, Ketut, dkk. 2016. " *Potassium Silicate Foliar Fertilizer Grade from Geothermal Sludge and Pyrophyllite*". Surabaya: Program Studi Teknik Kimia Fakultas Teknik Universitas Pembangunan Nasional "Veteran" Jawa Timur
- Sumada, Ketut. 2017. "Buku Monograp *Precipitated Silica*". Surabaya: Program Studi Teknik Kimia Fakultas Teknik Universitas Pembangunan Nasional "Veteran" Jawa Timur
- Tan, L S dkk. 2011. " *Factors Affecting CO₂ Absorption Efficiency In Packed Column*". Perak: University Teknologi PETRONAS
- Virandi, Okta. 2009. "Pembuatan silika gel dari abu boiler". Palembang: Politeknik Negeri Sriwijaya



- Wang, W.X.A. Fu, J.A. Tang, L. Jiang. 1993. “*Preparation of submicron spherical particles of silica by the water-in-oil microemulsion method*”. *Colloids Surf. A* 81 (1993) 177–180
- Yu, C., Fan, J., Tian, B., Zhao, D., Stucky, G.D., 2002, High-Yield Synthesis of Periodic Mesoporous Silica Rods and Their Replication to Mesoporous Carbon Rods, *Advanced Materials*, 14, 1742-1745
- Wenle Li, Kathy Lu, John Y. Walz, Margaret Anderson, 2012, Effects of Rod-like Particles on the Microstructure and Strength of Porous Silica Nanoparticle Composites, *J. Am. Chem. Soc.*, 96, 398-406
- Wenle Li, Bo Chen and John Y. Walz, 2015, Positioning growth of scalable silica nanorods on the interior and exterior surfaces of porous composites, *J. Mater. Chem. A*, 3, 2019-2024