

## DAFTAR PUSTAKA

1. Wahyuni Sry,. Sintesis dan Karakterisasi Silika Mesopori Secara Hidrotermal ; Komparasi antara Kalsinasi dengan Ekstraksi pada Penghilangan Surfaktan . *Skripsi Sarjana Kimia FMIPA Unand Padang* 2015.
2. Beck JS, Vartuli JC, Kennedy GJ, Kresge CT, Roth WJ, Schramm SE. *Optimal parameters for the synthesis of mesoporous molecular sieve [Si]-MCM-41*. Chem Mater. 1994;6;1816-21
3. Sari Jervita, Syukri, dan Emdeniz. Sintesis dan Karakterisasi Support Katalis ; Penggunaan Anilin dan Boron Triflorida untuk Memodifikasi Silika Mesopori. *Skripsi Sarjana Kimia FMIPA Unand Padang* 2015.
4. Admi, Syukri dan Yesenia Shashi Anasta. *Sintesis dan Karakterisasi Nikel(II) Klorida yang diamobilisasi pada silika modifikasi*. Jurnal Kimia Unand 2014.
5. Sulastri, S., Susila K., Berbagai Macam Senyawa Silika: Sintesis, Karakterisasi dan Pemanfaatan, *Prosiding Seminar Nasional Penelitian, Pendidikan dan Penerapan MIPA*, Fakultas MIPA, Universitas Negeri Yogyakarta, Yogyakarta, 2010
6. Syukri, Syukri. Fischer C.E., Hmaideen, A.A. Yang Li, Ying Zheng, and Fritz E, Kuhn. *Modified MCM-41 supported acetonitrile ligated copper (II) and its catalytic activity in cyclopropanation of olefins*. Microporous and Mesoporous Material. 2007. 113, 171-177.
7. Putri, Gusliani Eka, Syukri S., Zulhadjri, Z. *Sintesis dan Karakterisasi katalis kobal dan tembaga yang diamobilisasi pada silika mesopori dan uji aktivitas katalitiknya dalam reaksi transesterifikasi minyak sawit*. 2012. Tesis Pascasarjana Universitas Andalas.
8. Munawan A, Syukri, Emdeniz. *Sintesis dan Karakterisasi Grafting Mangan Klorida pada Silika Modifikasi*. Jurnal Kimia Unand 2014.
9. Brito RMM, Vaz WLC. *Determination of the critical micelle concentration of surfactants using the fluorescent probe N-phenyl-naphthylamine*. Anal Biochem. 1986 152 250-255
10. Guo L., Yong F., Hiroyuki A., Norio T. *Hierarchically structured periodic mesoporous silika by vapor phase synthesis*. Microporous and Mesoporous Materials. 2012. 162. 122-130.
11. Pal, Nabanita, and Bhaumik Asim. *Soft templating strategies for synthesis of mesoporous material: Inorganic, organic-inorganic hybrid and purely organic solids*. Advances in Colloid and Interface Science. 2013. 180-190, 21-41.

12. Vartuli J.C., Kresge C.T., Leonowicz ME., Chu A.S., McCullen S.B.; Johnson I.D. and Sheppard E.W. *Synthesis of mesoporous materials : Liquid-crystal templating versus intercalation of layered silicates*. Chem. Mater. 1994. 6:2070-2077.
13. Zeid A.A., and Ablett A.W., *Synthesis and characterization of a hexagonal mesoporous silica with enhanced thermal and hydrothermal stabilities*. Applied Surface Science. 2010, 256, 3573-3580
14. Wan Y, Zhao D. *On the controllable soft-templating approach to mesoporous silicates*. Chem Rev. 2007;107:2821-60
15. Faustino CMS, Calado ART, Garcia-Rio L. *Mixed micelle formation between amino acid-based surfactants and phospholipids*. Jurnal Colloid Interface Science. 2011, 359: 493-498
16. Huo QS, Margolese DI, Cielsa U, Feng PY, Gier TE, Sieger P, et al. *Generalized synthesis of periodic surfactant inorganic composite materials*. Nature. 1994;368: 317-21
17. Ortiz, H.I.M., Silva, A.M., Cerda, L.A.G., Castruita, G., and Mercado, Y.A.P., *Hydrothermal synthesis of mesoporous silica MCM-41 using commercial sodium silicate*. J. Mex. Chem. Soc. 2012. 57(2), 73-79
18. Syukri. S., A. K. Hijazi,. A. Sakthivel., A. I. Al-Hmaideen., F. E. Kuhn, (2006), *Heterogenization of Solvent-Ligated Copper(II) Complexes on Poly(4- vinylpyridine) for the catalytic Cyclopropanation of Olefins*, Inorganica Chimica Acta. Vol. 360, p.197
19. Barbara, H.S. *Infrared Spectroscopy : Fundamental and Applications* .Sydney : John Wiley & Sons, Ltd.
20. Rycce Sylviana Pratikha, Syukri, Novesar Jamarun, Emdeniz, Mai Efdi, Admi. *Studi Komparasi Grafting Co(II)-Asetonitril pada Silika (Amorphous dan Semikristalin)*. 2008. Padang: Universitas Andalas.
21. Kresge CT, Leonowicz ME, Roth WJ, Vartuli JC, Beck JS. *Ordered mesoporous molecular sieves synthesized by a liquid-crystal cetakan mechanism*. Nature. 1992;359;710-2.
22. P. Renuka Devi and K.G Dhanalakshmi. *Application of mesoporous silica nanomaterial*. International Journal of Advanced Life Sciences (IJALS). 2012. Volume 4.
23. T.Q. Nguyen, J.Wu, S.H. Tolbert, and B.J. Schwartz., *Control Energy Transport in Conjugated Polymers Using an Ordered Mesoporous Silika Matrix*, 2001. Adv. Mater volume 13,609-611

24. Hilmy, Alfaruqi, M., *Pengaruh Konsentrasi Hidrogen Klorida (HCl) dan Temperatur Perlakuan Hidrotermal terhadap kristalinitas Material Mesopori Silika SBA-15*. Depok : Universitas Indonesia. 2008
25. Abolhosseini, A.S., Mahjoub A.R., Moghadam M.E., Fakhri H. *Dichloro(1,10-phenanthroline-5,6-dione) palladium(II) complex supported by mesoporous silika SBA-15 as a photocatalyst for degradation of 2,4-dichlorophenol*. Journal of Molecular Structure. 2014. 1076(568-575)..

