

## DAFTAR PUSTAKA

- Astuti, Wuri Dian, 2008, *Karakterisasi Kimia Lumpur Panas Bumi Dieng*, Skripsi Program Sarjana, FMIPA, UGM, Yogyakarta.
- Brookhaven National Laboratory, 2001, <http://www1.eere.energy.gov/geothermal/awards.html#silica>.
- Brown, K. L., 1998, *Scaling and Geothermal Development (Geothermal Technology Lecture Note)*, Geothermal Institute, The University of Auckland, New Zealand.
- Chen, S. H., dan Lin, C. I., 1998, *Phase Transformation in Silicon Containing Solid Sample During Synthesis of Silicon Carbide Through Carbothermal Reduction of Silicon Dioxide*, Journal of Materials Science Letters, Vol. 17, pp. 657-659.
- Ciptadi, S., dan Patangke, S., 2001, *Evaluasi Potensi Silica Scaling Pada Pipa Produksi Lapangan Panas Bumi Lahendong – Sulawesi Utara, Proceeding of the 5<sup>th</sup> INAGA Annual Scientific Conference and Exhibitions*, Yogyakarta, March 7 – 10, 2001.
- DiPippo, R., 1985, *Estimating the Silica Scaling Potential in Geothermal Power Plants*, Bulletin of Geothermal Resources Council, Vol. 14, No. 5, 3-9.
- German, Randal. M., 1994, *Powder Metallurgy Science*, Metal Powder Industries Federation, New Jersey.
- Masayuki Y., Yoshiyuki A., 2000, *Glasses for Photonics*, Cambridge University Press
- Henley, R. W., 1983, *pH and Silica Scaling Control in Geothermal Field Development*, Geothermic, Vol. 12, No. 4, pp. 307-321.
- Hosaka, T., Sasaki, T., dan Suzuki, H., 1977, *Process for Producing Powder of  $\beta$ -type Silicon Carbide*, US Patent No. 4.116.096.
- Jamieson, R. W., 1994, *Simulation of the Silica Scaling*. Ind. Proceedings of the 15<sup>th</sup> New Zealand Geothermal Workshop 1993,135-140.
- Johnson, J. A., dkk., 2002, *Intrinsic Reaction and Self Diffusion Kinetics for Silicon Carbide Synthesis by Rapid Carbothermal Reduction*, Journal American Ceramics Soc., Vol. 85(9), pp. 2273-2280.

- Kholmanov, Iskandar, N., dkk., 2002, *A Simple Method for the Synthesis of Silicon Carbide Nanorods*, Journal of Nanoscience and Nanotechnology 2, pp. 453-456.
- Krstic, V. D., 1992, *Production of Fine, High Purity  $\beta$  Silicon Carbide Powders*, Journal of American Ceramics Soc., Vol. 75(1), pp. 170-174.
- Larpiattaworn, S., Ngerchuklin, P., Khongwong, W., Pankurdee, N., and Wada, S., 2006, *The influence of reaction parameters on the free Si and C contents in the synthesis of nanosized SiC*, Ceramics International, vol. 32, no. 8, pp. 899–904.
- Martin, H. P., Ecke, R., dan Muller, E., 1998, *Synthesis of Nanocrystalline Silicon Carbide Powder by Carbothermal Reduction*, Journal of European Ceramics Soc., Vol. 18, pp. 1737-1742.
- Muranaka, Takahiro, Kikuchi, Yoshitake, Yoshizawa, Taku, Shirakawa, Naoki, and Akimitsu, Jun, 2008, *Superconductivity in carrier-doped silicon carbide*, Science and Technology of Advanced Materials, Volume 9, Issue 4, pp. 8.
- Narciso-Romero dan Rodrigues-Reinoso, 1996, *Synthesis of SiC From Rice Husk Catalysed By Iron, Cobalt or Nickel*, J. of Materials Science, Vol. 31, pp. 779-784.
- Permana, Aman, 2011, *Pemanfaatan Energi Panas Bumi*, <http://amanpermana.blogspot.com/2011/09/dieng.html>, diakses pada tanggal 21 Januari 2013.
- Pohan, H.G., dkk., 1984. *Pengembang Pembuatan Arang Aktif Tahap II dari Tempurung Kelapa*, Balai Besar Penelitian dan Pengembangan Industri Hasil Pertanian, Bogor.
- Purwatmoko, R. H., 2009, *Recovery Silika Amorfo dari Lumpur Kering PLTP Dieng*, Tesis, Program Pasca Sarjana, Universitas Gadjah Mada, Yogyakarta.
- Qiang Jin, G., dan Yun Guo, X., 2003, *Synthesis and Characterisation of Mesoporous Silicon Carbide*, Microporous and Mesoporous Materials, Vol. 60, pp. 207-212.
- Raman V., Bahl O. P., dan Dhawan U., (1995), *Synthesis of silicon carbide through the sol-gel process from different precursors*, Journal of Materials Science 30, pp. 2686-2693.

Sasaki, T., Komaru, I., dan Yoshioka, R., 1979, *Process for Producing  $\beta$  Silicon Carbide Fine Powder*, US Patent No. 4.217.335.

Sembiring, Simon, 2011, *Synthesis and Characterisation Oaf Rice Husk Silica Based Barosilicate ( $B_2SiO_5$ ) Ceramic by Sol-Gel Routes*, Indo. Chem 11(1), 85-89.

Sukidjo, F. X., 1999, Studi tentang Scaling Pada Fasilitas Panas Bumi, Tesis, Program Pasca Sarjana, Universitas Gadjah Mada, Yogyakarta.

Sulardjaka, Jamasri, Wildan, M. W., dan Kusnanto, 2009, *Synhtesis of Silicon Carbide From Coal Flyash and Activated Carbon Powder*, Materials Science Research India, Vol. 6(2), December.

Sulardjaka, Jamasri, Wildan, M. W., dan Kusnanto, 2011, *Method for Increasing  $\beta$ -SiC Yield on Solid State Reaction of Coal Flyash and Activated Carbon Powder*, Bulletin of Materials Science, Vol. 34(4), July.

Vetter, O. J., Kandarpa, V., 1982, *Handling of Scaling in Geothermal Operation*, International Conference on Geothermal Energy, Florence, Paper E2.

West, A. R., 1989, *Solid State Chemistry and Its Application*, John Wiley and Sons, New York.

<http://rruff.geo.arizona.edu/AMS/amcsd.php>, diakses pada tanggal 10 Mei 2013, pukul 19.30.

<http://www.substech.com>, diakses pada tanggal 14 Maret 2013, pukul 17.00

<http://www.tmfiltration.com/TechInfo/MeshMicronConversion.php>, diakses pada tanggal 13 Maret 2013, pukul 14.20.