

## DAFTAR PUSTAKA

- Adamson, A. W. & Gast, A. P., 1997. *Physical Chemistry Of Surface*. 6th ed. New York: Wiley.
- Blöchl, P., 1994. Projector Augmented-wave Method. *American Physical Society Phys Rev B50*, p. 17953.
- Cahyanto, W. T., 2014. Adsorption Mechanism of Carbon Monoxide on PtRu and PtRuMo Surfaces in the Density Functional Theory Perspective. *Advanced Materials Research Vol. 896*, pp. 537-540.
- Cahyanto, W. T., Escano, M. C., Kasai, H. & Arevalo, R. L., 2011. Pt(111)-Alloy Surfaces for Non-Activated OOH Dissociation. *e-Journal of Surface Science and Nanotechnology Vol.9*, pp. 352-356.
- Chitra, R. et al., 2004. Hydrogen bonding in oxalic acid and its complexes: A database study of neutron structures. *Journal of Physics*, p. 263–269.
- Hogarth, M. F. & Hards, G. A., 1996. Direct Methanol Fuel Cells, Technological Advances and Further Requirements. *Platinum Metals Rev.(40)4*, pp. 150-159.
- Hou, Z. et al., 2003. CO tolerance electrocatalyst of PtRu-HxMeO<sub>3</sub>/C (Me= W, Mo) made by composite support method. *Journal of Power Sources 123*, p. 116–125.
- Koistinen, O.-P. et al., 2017. Nudged elastic band calculations accelerated with Gaussian process regression. *Physics Chem.*
- Liun, E. & Sunardi, 2014. Perbandingan Harga Energi dari Sumber Energi Baru Terbarukan dan Fosil. *Jurnal Pengembangan Nuklir*, 16(2), p. 2.
- Long, N. V., Thi, C., Nogami, M. & M.Ohtaki, 2012. Pt and Pd based Catalyst with Novel Alloy and Core-Shell Nanostructure for Practical Applications in Next Fuel Cells: Patents and Highlights. *Recent Patents on Materials Science 5*, p. 175.
- Novalia, E., 2020. *Simulasi Kuantum Berbasis Density Functional Theory Untuk Reaksi Pemisahan Karboksil (COOH) Pada Permukaan PtMo(111)*. Skripsi. Purwokerto: Universitas Jenderal Soedirman.
- Nuriana, Y., Susanti, D., Purwaningsih, H. & Atmono, T. M., 2017. Analisis Pengaruh Waktu Sputtering Pd dan Ni pada Sintesis Material Elektrokatalis Berbahan Pd-Ni/Graphene terhadap Unjuk Kerja Direct Methanol Fuel Cell (DMFC). *Jurnal Teknik ITS Vol.6 No.1*, p. 1.

- Purwanto, W. W. & Budiman, B., 2005. *Uji Kinerja Elektrokatalis-Anoda (PtRuMo/C) Untuk Direct Methanol Fuel Cell (DMFC)*. Serpong, s.n.
- Roquero, P. et al., 2007. Synthesis and characterization of carbon-supported platinum-molybdenum and platinum-tungsten catalysts for methanol oxidation in direct alcohol fuel cells. *International Journal Of Chemical Reactor Engineering* .
- Serway, R. A., Moses, C. J. & Moyer, C. A., 2005. *Modern Physics Third Edition*. Belmont: Thomson Brooks/Cole.
- Shofi, N. A., 2019. *Simulasi Kuantum Reaksi Pembentukan COOH Pada Permukaan PtRuMo(111) Dengan Metode Density Functional Theory*. Skripsi. Purwokerto: Universitas Jenderal Soedirman.
- Sholl, D. S. & Steckel, J. A., 2009. *Density Functional Theory: A Practical Introduction*. 1th ed. s.l.:John Wiley & Sons, Inc.
- Zhao, J., Jung, C. & Rhee, C. K., 2006. Adlayers of Sb Irreversibly Adsorbed on Pt(111): An Electrochemical Scanning Tunneling Microscopy Study. *Physical Chemistry*, 110(10814-10821).

