DAFTAR PUSTAKA

Ayad, Mohamad M., Nehal A. Salahuddin, Islam M. Minisy, and Wael A. Amer. 2014. "Chitosan/Polyaniline Nanofibers Coating on the Quartz Crystal Microbalance Electrode for Gas Sensing." *Sensors and Actuators, B: Chemical* 202: 144–53. https://doi.org/10.1016/j.snb.2014.05.046.

Barron, Denis, and Anni Pabst. 1991. "Recent Advances in High-Performance Liquid Chromatography of Volatile Natural Products." In *Modern Phytochemical Methods*, edited by Nikolaus H Fischer, Murray B Isman, and Helen A Stafford, 33–74. Boston, MA: Springer US. https://doi.org/10.1007/978-1-4684-9060-2_2.

Faculty, The Academic, The Academic Faculty, Huina Guo, Huina Guo, In Partial Fulfillment, In Partial Fulfillment, Fiber Engineering, and Fiber Engineering. 2007. "Structure, Processing, and Properties of Polyacrylonitrile/Carbon Nanotubes Composite Films." *Chemical Engineering*, no. May.

Gardon, M., and J. M. Guilemany. 2013. "A Review on Fabrication, Sensing Mechanisms and Performance of Metal Oxide Gas Sensors." *Journal of Materials Science: Materials in Electronics* 24 (5): 1410–21. https://doi.org/10.1007/s10854-012-0974-4.

Gooch, Jan W. 2011. "Polyacrylonitrile." In *Encyclopedic Dictionary of Polymers*, edited by Jan W Gooch, 550. New York, NY: Springer New York. https://doi.org/10.1007/978-1-4419-6247-8_8944.

Huang, Wei, Xueqin Wang, Yongtang Jia, Xiaoqi Li, Zhigao Zhu, Yan Li, Yang Si, Bin Ding, Xueli Wang, and Jianyong Yu. 2013. "Highly Sensitive Formaldehyde Sensors Based on Polyvinylamine Modified Polyacrylonitrile Nanofibers." *RSC Advances* 3 (45): 22994–0. https://doi.org/10.1039/c3ra44671a.

Huhn, C, Michael Pütz, R Dahlenburg, and U Pyell. 2005. "Sassafras Oils as Precursors for the Production of Synthetic Drugs : Profiling via MEKC-UVD Sassafras Oils as Precursors for the Production of Synthetic Drugs : Profiling via MEKC-UVD." *GTFCh-Symposium* 17 (April): 198–207. https://doi.org/10.13140/2.1.4698.5285.

Jia, Yongtang, Lizhu Chen, Hui Yu, Yumei Zhang, and Fengchun Dong. 2015. "RSC Advances on Quartz Crystal Microbalance Electrode for The." *RSC Advances* 5: 40620–27. https://doi.org/10.1039/C5RA04890G.

Jia, Yongtang, Yumei Zhang, Hui Yu, Weili Nie, and Fengchun Dong. 2016. "Fabrication of Novel Cellulose Acetate/Polyethylenimine/Poly(Acrylic Acid) Nanofibers/Quartz Crystal Microbalance Sensor for Ammonia Gas Detection." *Journal of Nanoscience and Nanotechnology* 16 (12): 12351–55. https://doi.org/10.1166/jnn.2016.13753.

Jie, Han. 2006. "Technical Background , Applications and Implementation of Quartz Crystal Microbalance Systems," no. September: 65.

Kalantar-Zadeh, Kourosh. 2013. *Sensors: An Introductory Course*. *Sensors: An*

Introductory Course. Vol. 9781461450. https://doi.org/10.1007/978-1-4614-5052-8.

Marx, Kenneth A. 2007. "The Quartz Crystal Microbalance and the Electrochemical QCM : Applications to Studies of Thin Polymer Films , Electron Transfer Systems , Biological Macromolecules ,." *Chemical Sensors and Biosensors*, no. July 2006: 371–424. https://doi.org/10.1007/5346_033.

Nataraj, S. K., K. S. Yang, and T. M. Aminabhavi. 2012. "Polyacrylonitrile-Based Nanofibers - A State-of-the-Art Review." *Progress in Polymer Science (Oxford)* 37 (3): 487–513. https://doi.org/10.1016/j.progpolymsci.2011.07.001.

Park, Beomsu, Joo Hyung Hong, and Hyungsup Kim. 2012. "Spinline Behavior and Web Morphology in Multi-Nozzle Electrospinning of PAN/DMF Solution." *Fibers and Polymers* 13 (7): 850–54. https://doi.org/10.1007/s12221-012-0850-0.

Pemerintah Republik Indonesia. 2009. "Undang-Undang Republik Indonesia Nomor 35 Tahun 2009 Tentang Narkotika." *Undang-Undang Republik Indonesia*, 1–92. https://doi.org/10.1017/CBO9781107415324.004.

Rianjanu, Aditya, Roto Roto, Trisna Julian, and Shidiq Nur Hidayat. 2018. "Polyacrylonitrile Nanofiber-Based Quartz Crystal," 1–11. https://doi.org/10.3390/s18041150.

Stuppner, H., and M. Ganzera. 1998. "Determination of Safrole in Different Asarum Species by Headspace Gas Chromatography." *Chromatographia* 47 (11–12): 685–88. https://doi.org/10.1007/BF02467454.

Teramura, Yuji, Kohei Kuroyama, and Madoka Takai. 2016. "Influence of Molecular Weight of PEG Chain on Interaction between Streptavidin and Biotin-PEG-Conjugated Phospholipids Studied with QCM-D." *Acta Biomaterialia* 30: 135–43. https://doi.org/10.1016/j.actbio.2015.11.003.

Tushnet, Mark. 2000. "Chapter 7," 254. https://doi.org/10.5860/CHOICE.37-1220.

Wei, Jingyi, Yuqing Wei, Xiaosong Zhu, and Yiwei Shi. 2017. "Miniaturization of Hollow Waveguide Cell for Spectroscopic Gas Sensing." *Sensors and Actuators, B: Chemical* 243: 254–61. https://doi.org/10.1016/j.snb.2016.11.147.

Yang, Liu, Chenbo Yin, Zili Zhang, Junjing Zhou, and Haihan Xu. 2017. "The Investigation of Hydrogen Gas Sensing Properties of SAW Gas Sensor Based on Palladium Surface Modified SnO2 Thin Film." *Materials Science in Semiconductor Processing* 60 (July 2016): 16–28. https://doi.org/10.1016/j.mssp.2016.11.042.

Zhang, Hong-di, Xu Yan, Zhi-hua Zhang, Gu-feng Yu, Wen-peng Han, Jun-cheng Zhang, and Yun-ze Long. 2016. "Electrospun PEDOT : PSS / PVP Nanofibers for CO Gas Sensing with Quartz Crystal Microbalance Technique" 2016.