

DAFTAR PUSTAKA

- Abergel, D. S. L. *dkk.* (2010) "Properties of graphene: A theoretical perspective," *Advances in Physics*, 59(4), hal. 261–482. doi: 10.1080/00018732.2010.487978.
- Benedict, J., Holdsworth, G. dan Ellis, E. D. (2005) *Toxicological Review of, Toxicological Review Of n-Hexane.* doi: <http://www.epa.gov/iris/toxreviews/0070tr.pdf>.
- Bochenkov, V. E. dan Sergeev, G. B. (2010) "Sensitivity , Selectivity , and Stability of Gas-Sensitive Metal-Oxide Nanostructures," 3, hal. 31–52.
- Borah, M. (2014) "Few Layer Graphene Derived from Wet Ball Milling," (August). doi: 10.1166/mat.2014.1185.
- Chang, Y., Lye, M. L. dan Zeng, H. C. (2005) "Large-scale synthesis of high-quality ultralong copper nanowires," *Langmuir*, 21(9), hal. 3746–3748. doi: 10.1021/la050220w.
- Choi, H. *dkk.* (2013) "Flexible NO₂ gas sensor using multilayer graphene films by chemical vapor deposition," 14(3), hal. 186–189. doi: 10.5714/CL.2013.14.3.186.
- Choopun, S., Hongstith, N. dan Wongrat, E. (2012) "Metal-Oxide Nanowires for Gas Sensors."
- Chung, D. D. L. (2002) "Review Graphite," 7, hal. 1475–1489.
- Clough, S. R. (2014) "Environmental Fate and Behavior," 2, hal. 522–525. doi: 10.1016/B978-0-12-386454-3.00397-3.
- Deng, S. *dkk.* (2012) "Reduced graphene oxide conjugated Cu₂O nanowire mesocrystals for high-performance NO₂ gas sensor," *Journal of the American Chemical Society*, 134(10), hal. 4905–4917. doi: 10.1021/ja211683m.
- Drahansky, M. *dkk.* (2016) "Metal-Oxide Nanowires for Gas Sensors," *Intech, i(tourism)*, hal. 13. doi: <http://dx.doi.org/10.5772/57353>.
- Fang, M. *dkk.* (2010) "Single-layer graphene nanosheets with controlled grafting of polymer chains †," hal. 1982–1992. doi: 10.1039/b919078c.
- Fine, G. F. *dkk.* (2010) "Metal oxide semi-conductor gas sensors in environmental monitoring," *Sensors*, 10(6), hal. 5469–5502. doi: 10.3390/s100605469.
- Gu, W. *dkk.* (2009) "Graphene sheets from worm-like exfoliated graphite," *Journal of Materials Chemistry*, 19(21), hal. 3367–3369. doi: 10.1039/b904093p.
- Homaeigohar, S. (2019) "Amphiphilic oxygenated amorphous carbon-graphite

buckypapers with gas sensitivity to polar and non-polar VOCs,” *Nanomaterials*, 9(9). doi: 10.3390/nano9091343.

Jewell, S. dan Kimball, S. M. (2014) “MINERAL COMMODITY SUMMARIES 2014 MINERAL COMMODITY SUMMARIES 2014.”

Khan, Z. U., Kausar, A. dan Ullah, H. (2016) “A Review on Composite Papers of Graphene Oxide, Carbon Nanotube, Polymer/GO, and Polymer/CNT: Processing Strategies, Properties, and Relevance,” *Polymer - Plastics Technology and Engineering*. Taylor & Francis, 55(6), hal. 559–581. doi: 10.1080/03602559.2015.1098693.

Li, D. dkk. (2010) “Conductometric chemical sensor based on individual CuO nanowires,” *Nanotechnology*, 21(48). doi: 10.1088/0957-4484/21/48/485502.

Lin, T. dkk. (2019) *Semiconductor Metal Oxides as Chemoresistive Sensors for Detecting Volatile Organic Compounds*. doi: 10.3390/s19020233.

Mardiansyah, D. (2018) *Studi Sintesis dan Pelapisan Cu Nanowires Sebagai Bahan Utama Pembuatan Konduktor Transparan*.

Mirzaei, A. dkk. (2018) “Resistive-based gas sensors for detection of benzene, toluene and xylene (BTX) gases: A review,” *Journal of Materials Chemistry C*, 6(16), hal. 4342–4370. doi: 10.1039/c8tc00245b.

Petersen, R. (2015) “Study of the π and π^* Electronic Bands in Graphene,” *Thesis*.

Prasetya, F. A. dkk. (2019) “Jurnal Fisika Flux Synthesis and Characterization of Reduced Graphene Oxide from,” 16.

Rathmell, A. R. dkk. (2010) “The growth mechanism of copper nanowires and their properties in flexible, transparent conducting films,” *Advanced Materials*, 22(32), hal. 3558–3563. doi: 10.1002/adma.201000775.

Samadaei, F. dan Salami-kalajahi, M. (2016) “Radical coupling of maleic anhydride onto graphite to fabricate oxidized graphene nanolayers,” 39(1), hal. 229–234.

Sharma, S. dan Madou, M. (2012) “Review article: A new approach to gas sensing with nanotechnology,” *Philosophical Transactions of the Royal Society A: Mathematical, Physical and Engineering Sciences*, 370(1967), hal. 2448–2473. doi: 10.1098/rsta.2011.0506.

Shornikova, O. N. dkk. (2009) “The Specific Surface Area and Porous Structure of Graphite Materials,” 83(6), hal. 1161–1164. doi: 10.1134/S0036024409060260.

Shugart, L. R. (2014) “Acetone-Encyclopedia of Toxicology (2nd edition),” 1, hal. 27–28. doi: 10.1016/B978-0-12-386454-3.00995-7.

Shukla, P. dkk. (2014) “Graphite based sensor for LPG and CO detection,” 201303.

doi: 10.1007/978-3-319-03002-9.

- Silva, K. De, Huang, H. dan Processing, M. (2018) "K . Kanishka H . De Silva , Hsin-Hui Huang , Masamichi Yoshimura," (April). doi: 10.1016/j.apsusc.2018.03.243.
- Singh, Y. (2013) "Electrical resistivity measurements: a review," 22, hal. 745–756. doi: 10.1142/S2010194513010970.
- Steinhauer, S. *dkk.* (2012) "On-chip synthesis of CuO nanowires for direct gas sensor integration," *Proceedings of the IEEE Conference on Nanotechnology*, hal. 20–23. doi: 10.1109/NANO.2012.6321957.
- Su, J. *dkk.* (2016) "Parameter-dependent oxidation of physically sputtered Cu and the related fabrication of Cu-based semiconductor films with metallic resistivity," 59(2), hal. 144–150. doi: 10.1007/s40843-016-0125-y.
- Suematsu, K. *dkk.* (2015) "Pulse-Driven Micro Gas Sensor Fitted with Clustered Pd/SnO₂ Nanoparticles," *Analytical Chemistry*, 87(16), hal. 8407–8415. doi: 10.1021/acs.analchem.5b01767.
- Tahir, D. dan Hasanuddin, U. (2017) "Electronic and optical properties of Cu , CuO and Cu₂O studied by electron spectroscopy," (January).
- Vajtai, R. (2013) *Springer handbook of nanomaterials, Springer Handbook of Nanomaterials*. doi: 10.1007/978-3-642-20595-8.
- Vakilian, M. dan Majlis, B. Y. (2014) "Study of Interdigitated Electrode Sensor for Lab-on-Chip Applications," hal. 201–204.
- Valero, E. L. (2011) *Design, fabrication and characterisation of gas sensors based on nanohybrid materials*.
- Wall, M. (2011) "The Raman Spectroscopy of Graphene and the Determination of Layer Thickness," *Thermo scientific*, hal. 5.
- Wang, C. *dkk.* (2007) "Surface accumulation conduction controlled sensing characteristic of p-type CuO nanorods induced by oxygen adsorption," *Nanotechnology*, 18(14), hal. 3–8. doi: 10.1088/0957-4484/18/14/145506.
- Xu, L. *dkk.* (2016) "Comparison Study on the Stability of Copper Nanowires and Their Oxidation Kinetics in Gas and Liquid," *ACS Nano*, 10(3), hal. 3823–3834. doi: 10.1021/acsnano.6b00704.
- Yang, S., Jiang, C. dan Wei, S. huai (2017) "Gas sensing in 2D materials," *Applied Physics Reviews*, 4(2). doi: 10.1063/1.4983310.
- Ye, S. *dkk.* (2016) "How Copper Nanowires Grow and How to Control Their Properties," *Accounts of Chemical Research*, 49(3), hal. 442–451. doi: 10.1021/acs.accounts.5b00506.
- Zhang, D. *dkk.* (2015) "Room-temperature high-performance acetone gas sensor

based on hydrothermal synthesized SnO₂-reduced graphene oxide hybrid composite,” *RSC Advances*. Royal Society of Chemistry, 5(4), hal. 3016–3022. doi: 10.1039/c4ra10942b.

Zhang, T. *dkk.* (2019) “Synthesis of oxidation-resistant electrochemical-active copper nanowires using phenylenediamine isomers,” *Materials and Design*. The Authors, 162, hal. 154–161. doi: 10.1016/j.matdes.2018.11.043.