

DAFTAR PUSTAKA

- Ban, I., Stergar, J., Drofenik, M., Ferk, G., & Makovec, D. (2013). *Synthesis of Chromium-Nickel Nanoparticles Prepared by a Microemulsion Method and Mechanical Milling.* 750–755.
- Callister. (2007). Materials Science and Engineering: An Introduction. Seventh Edition. *John Wiley & Sons Inc.*
- Drozdov, A. P., Kong, P. P., Minkov, V. S., Besedin, S. P., Kuzovnikov, M. A., Mozaffari, S., Balicas, L., Balakirev, F. F., Graf, D. E., Prakapenka, V. B., Greenberg, E., Knyazev, D. A., Tkacz, M., & Eremets, M. I. (2019). Superconductivity at 250 K in lanthanum hydride under high pressures. *Nature*, 569(7757), 528–531.
<https://doi.org/10.1038/s41586-019-1201-8>
- Dular, J. (2023). *Standard and Mixed Finite Element Formulations for Systems with Type-II Superconductors.* January.
- Hemley, R. J., Ahart, M., Liu, H., & Somayazulu, M. (2018). *Road to Room-Temperature Superconductivity: T_c above 260 K in Lanthanum Superhydride under Pressure.* 2019, Preprint at <http://arxiv.org/abs/1906.03462>. <http://arxiv.org/abs/1906.03462>
- Huebener, R. P. (2019). The Path to Type-II Superconductivity. *Jurnal Metals*, April 1911.
<https://doi.org/10.3390/met9060682>
- Huo, Z., Zhuang, Q., Jin, X., An, L., Liu, Y., Song, L., & Cui, T. (2022). Effect of hydrogen content on superconductivity in La – H compounds. *ELSEVIER*, 43(October), 0–6.
- Imaduddin, A., Yudanto, S. D., & Siswayanti, B. (2014). *PERGESERAN SUHU KRITIS SUPERKONDUKTOR Bi-Pb-Sr-Ca-Cu-O.*
- Laniel, D., Trybel, F., Winkler, B., Knoop, F., Fedotenko, T., Khandarkhaeva, S., Aslandukova, A., Meier, T., Chariton, S., Glazyrin, K., Milman, V., Prakapenka, V., Abrikosov, I. A., & Dubrovinsky, L. (2022). *High-pressure synthesis of seven lanthanum hydrides with a significant variability of hydrogen content.* 1–9.
<https://doi.org/10.1038/s41467-022-34755-y>
- Liu, H., Naumov, I. I., Hoffmann, R., Ashcroft, N. W., & Hemley, R. J. (2017). Potential high- T c superconducting lanthanum and yttrium hydrides at high pressure. *National Academy of Sciences*, June. <https://doi.org/10.1073/pnas.1704505114>

- Mardina, P., Irawan, C., Putra, M. D., Priscilla, S. B., Misnawati, M., & Nata, I. F. (2021). Bioethanol Production from Cassava Peel Treated with Sulfonated Carbon Catalyzed Hydrolysis. *Jurnal Kimia Sains Dan Aplikasi*, 24(1), 1–8. <https://doi.org/10.14710/jksa.24.1.1-8>
- Parameswari, K. S. (2022). *Studi awal struktur pita ?? menggunakan metode density functional theory*. 2–13.
- Pramono, A. W., Herbirowo, S., Imaduddin, A., Antoro, I. D., Nugraha, H., Hendrik, Syampurwadi, A., Nufus, I. H., Umna, N., Diba, S. F., & Amaliyah, F. F. (2024). The mechanochemistry of lanthanum dihydride (LaH₂) with hydrogen (H₂) using the ball-mill process and the effect of oxidation on the resulting products. *Journal of Metals, Materials and Minerals*, 34(2). <https://doi.org/10.55713/jmmm.v34i2.1825>
- Priestley, I., Battilocchio, C., Iosub, A. V., Barreteau, F., Bluck, G. W., Ling, K. B., Ingram, K., Ciaccia, M., Leitch, J. A., & Browne, D. L. (2023). *Safety Considerations and Proposed Workflow for Laboratory-Scale Chemical Synthesis by Ball Milling*. <https://doi.org/10.1021/acs.oprd.2c00226>
- Renaudin, G., Yvon, K., Wolf, W., & Herzig, P. (2005). Atom relaxations around hydrogen defects in lanthanum hydride. *ELSEVIER*, 406, 55–59. <https://doi.org/10.1016/j.jallcom.2005.02.079>
- Shekunov, B. Y., Chattopadhyay, P., Tong, H. H. Y., & Chow, A. H. L. (2007). *Expert Review Particle Size Analysis in Pharmaceutics : Principles , Methods and Applications*. 24(2). <https://doi.org/10.1007/s11095-006-9146-7>
- Somiya, S. (n.d.). *Handbook of Advanced Ceramics*. Academic press.
- Sukirman, E., Adi, W. A., Winatapura, D. S., Sulungbudi, G. T., Kegiatan, R., Superkonduktor, L., Tinggi, T., & Makalah, D. I. P. (2003). REVIEW KEGIATAN LITBANG SUPERKONDUKTOR T C TINGGI. *Jurnal Sains Materi Indonesianal Sains Materi Indonesia*, 4(2), 30–39.
- Suryanarayana, C. (2001). Mechanical alloying and milling. *Progress in Materials Science*, 46, 1–84.
- Tayaba, S., Sethi, H., Shahid, H., Malik, R., & Ikram, M. (2023). Silicon-Germanium and carbon-based superconductors for electronic , industrial , and medical applications

- Materials Science & Engineering B Silicon-Germanium and carbon-based superconductors for electronic , industrial , and medical applications. *Materials Science & Engineering B*, 290(February), 116332. <https://doi.org/10.1016/j.mseb.2023.116332>
- Woody, A. I. (2013). How is the Ideal Gas Law Explanatory? *Science and Education*, 22(7), 1563–1580. <https://doi.org/10.1007/s11191-011-9424-6>
- Yadav, T. P., Yadav, R. M., & Singh, D. P. (2012). *Mechanical Milling : a Top Down Approach for the Synthesis of Nanomaterials and Nanocomposites*. 2(3), 22–48. <https://doi.org/10.5923/j.nn.20120203.01>
- Yang, Z., Yang, J., Yu, C., Bai, J., Xie, X., Jiang, N., Chen, B., Dong, S., Xiang, M., & Qin, H. (2023). *Rare-Earth Lanthanum Tailoring Mott – Schottky Heterojunction by Sulfur Vacancy Modification as a Bifunctional Electrocatalyst for Zinc – Air Battery*. 2200267, 1–8. <https://doi.org/10.1002/ssr.202200267>
- Yao, C., & Ma, Y. (2021). iScience II Superconducting materials : Challenges and opportunities for large-scale applications. *ISCIENCE*, 24(6), 102541. <https://doi.org/10.1016/j.isci.2021.102541>
- Zadorozhnyya, V. Y., Milovzorova, G. S., Klyamkinb, S. N., Zadorozhnyya, M. Y., Strugovaa, D. V., Gorshenkova, M. V., & S.D. Kaloshkin. (2017). Preparation and hydrogen storage properties of nanocrystalline TiFe synthesized by mechanical alloying. *ELSEVIER*, 1002–0071, 149–155.
- Zhou, W., Apkarian, R. P., & Wang, Z. L. (n.d.). Fundamentals of Scanning Electron Microscopy. *2000*.
- Zobel, H. F., Young, S. N., & Rocca, L. A. (1988). *Starch Gelatinization: An X-ray Diffraction Study*. 65(6), 443–446.