

DAFTAR PUSTAKA

- Aristanti, Y., Supriyatna, Y. I., Masduki, N. P., & Soepriyanto, S. (2018). Decomposition of banten ilmenite by caustic fusion process for TiO₂ photocatalytic applications. *IOP Conference Series: Materials Science and Engineering*, 285(1). <https://doi.org/10.1088/1757-899X/285/1/012005>
- Chen, Z., Zeilstra, C., van der Stel, J., Sietsma, J., & Yang, Y. (2020). Thermal decomposition reaction kinetics of hematite ore. *ISIJ International*, 60(1), 65–72. <https://doi.org/10.2355/isijinternational.ISIJINT-2019-129>
- El-Hazek, N., Lasheen, T. A., El-Sheikh, R., & Zaki, S. A. (2007). Hydrometallurgical criteria for TiO₂ leaching from Rosetta ilmenite by hydrochloric acid. *Hydrometallurgy*, 87(1–2), 45–50. <https://doi.org/10.1016/j.hydromet.2007.01.003>
- Ginting, L. I. B., Manaf, A., Astuti, W., Supriyatna, Y. I., & Bahfie, F. (2023). Study of Titanium Dioxide (TiO₂) Extraction Process from Ilmenite Banten. *IOP Conference Series: Earth and Environmental Science*, 1201(1). <https://doi.org/10.1088/1755-1315/1201/1/012092>
- Hobart M. King., (2016). Ilmenite. *Ilmenite: An ore of titanium | Uses and Properties* (geology.com)
- Khan, S. A., Khan, S. B., Khan, L. U., & Farooq, A. (2018). *Fourier Transform Infrared Spectroscopy : Fundamentals and Application in Functional Groups and Nanomaterials Characterization* Fourier Transform Infrared Spectroscopy : Fundamentals and Application in Functional Groups and Nanomaterials Characterization. July 2020. <https://doi.org/10.1007/978-3-319-92955-2>
- Kundiman, N., Kurnia, K., Indrayana, I. P. T., & Sadjab, B. A. (2023). Pengaruh Variasi Suhu Kalsinasi Terhadap Parameter Mikrostruktur (Sturktur Kristal Dan Gugus Fungsi) Nanopartikel TiO₂ Sebagai Kandidat Material

- Fotokatalisis. *Journal Online of Physics*, 8(3), 14–20.
<https://doi.org/10.22437/jop.v8i3.26814>
- Mackey, T. S. (1974). Acid Leaching of ilmenite into Synthetic Rutile. *Industrial and Engineering Chemistry Product Research and Development*, 13(1), 9–18.
<https://doi.org/10.1021/i360049a003>
- Maharani, D. K., & Nurisnaini, R. (2024). Nanopartikel TiO₂ Dari Ekstrak Daun Kemangi (*Ocimum Sanctum*) Untuk Degradasi Metilen Biru. ... *Pengetahuan Alam, Kebumian Dan ...*, 2(3).
<https://journal.arimsi.or.id/index.php/Algoritma/article/view/59%0Ahttps://journal.arimsi.or.id/index.php/Algoritma/article/download/59/83>
- Mario, A., & Giuseppe, R. (2016). A surface science approach to TiO₂ P25 photocatalysis: an in situ FTIR study of phenol photodegradation at controlled water coverages from sub-monolayer to multilayer. “*Applied Catalysis B, Environmental.*” <https://doi.org/10.1016/j.apcatb.2016.05.029>
- Nuraeni, W., Daruwati, I., W, E. M., & Sriyani, M. E. (2013). Verifikasi Kinerja Alat Particle size analyzer (PSA) Horiba Lb-550 Untuk Penentuan Distribusi Ukuran Nanopartikel. *Prosiding Seminar Nasional Sains Dan Teknologi Nuklir*, 266–271.
- Okto, S. H. S., As'adah, A., Putri, A. R., Basmalah, M., & Munasir. (2022). Green Synthesis Nanopartikel TiO₂ dari Ekstrak Daun Juwet (*Syzygium cumini*) sebagai Material Fotokatalitik : Removing Ion-Pb dalam Air Limbah Industri. *Prosiding Seminar Nasional UNIMUS*, 5, 647–656.
<https://prosiding.unimus.ac.id/index.php/semnas/article/view/1216>.
- Pistorius, P. C. (2008). Ilmenite smelting: The basics. *Journal of the Southern African Institute of Mining and Metallurgy*, 108(1), 35–43.
- Ramadan, A. M., Farghaly, M., Fathy, W. M., & Ahmed, M. M. (2016). Leaching and Kinetics Studies on Processing of Abu-Ghalaga Ilmenite Ore. *International Research Journal of Engineering and Technology (IRJET)*, 3(10), 46–53.

- Setiawan, B. (2012). Ekstraksi Titanium Dioksida Anatase dari Ilmenite Bangka Melalui Senyawa Anatara Ammonium Perokso Titanat dan Uji Awal Fotoreaktivitasnya. *Skripsi Program Studi Kimia, Fakultas Matematika Dan Ilmu Pengetahuan Alam*, 1–87.
- Subagja, R. (2016). *Ekstraksi Titanium Dari Ilmenit Bangka Melalui Tahap November*, 1–8. <https://www.semanticscholar.org/paper/eb040f2ffcdcbfd54bd059483f00ce7c0d588609>
- Supriyatna, Y. I., Astuti, W., Sumardi, S., Prasetya, A., Petrus, H. T. B. M., & Dida, E. N. (2023). Kinetics study of low-grade ilmenite fusion process using sodium hydroxide: Non-isothermal condition with model-free methods. *Materials Today: Proceedings*, xxxx. <https://doi.org/10.1016/j.matpr.2023.06.366>
- Tao, T. A. O., Qi-yuan, C., Hui-ping, H. U., Zhou-lan, Y. I. N., & Ying, C. (2012). TiO₂ nanoparticles prepared by hydrochloric acid leaching of mechanically activated and carbothermic reduced ilmenite. *Transactions of Nonferrous Metals Society of China*, 22(5), 1232–1238. [https://doi.org/10.1016/S1003-6326\(11\)61310-1](https://doi.org/10.1016/S1003-6326(11)61310-1)
- Tobing, A. T., & Maharani, D. K. (2021). Pengaruh Suhu Kalsinasi Terhadap Ukuran Kristal dan Komposisi Fasa Pada Senyawa TiO₂. *UNESA Journal of Chemistry*, 10(3), 367–373.
- Yustanti, E., Rosani, A., & Lalasari, L. H. (2021). The leaching of South Kalimantan ilmenite decomposed by NaOH using sulfuric acid solution. *Teknika: Jurnal Sains Dan Teknologi*, 17(1), 21. <https://doi.org/10.36055/tjst.v17i1.10789>