

DAFTAR PUSTAKA

1. Mamoto L.V., Citraningtyas F.G : Analisis *Rhodamine B* Pada Lipstik Yang Beredar Di Pasar Kota Manado, *Pharmacon Jurnal Ilmiah Farmasi – Unsrat* 2013, 2 (02):2302 – 2493
2. Sun L., Shao R., Tang L.Q., Zhidong C : Synthesis of ZnFe₂O₄/ZnO Nanocomposites immobilized on Graphene with enhanced Photocatalytic Activity under Solar Light Irradiation. *Journal of Alloys and Compounds* 2013, 564:55–62.
3. Mohammed, H.A., Hamza, A., Adamu, I.K., Ejila, A., Waziri, S.M., Mustapha, S. I : BOD5 Removal From Tannery Wastewater Over ZnO-ZnFe₂O₄ Composite Photocatalyst Supported on Activated Carbon. *Journal of Chemical Engineering and Materials Science* 2013, 4(6):80-86.
4. Guo, X., Zhu, H., Li, Q : Visible-light-driven photocatalytic properties of ZnO/ZnFe₂O₄ core/shell nanocable arrays, *Applied Catalysis B: Environment* 2014, 160:408-414
5. Pathak T.K., Vasoya N. H., Natarajan T. S., Modi K.B., Tayade R.J : Photocatalytic Degradation Of Aqueous Nitrobenzene Solution Using Nanocrystalline Mg-Mn Ferrites, *Materials Science Forum Journal* 2013, 764: 116-129.
6. Shifu, C., Wei, Z., Wei, L., Huaye, Z., Xiaoling, Y : Preparation, Characterization, and Activity Evaluation of p–n Junction Photocatalyst p-CaFe₂O₄/n-ZnO. *Chemical Engineering Journal* 2009. 155:466–473.
7. Wilson, A, Mishra, S.R., Gupta, R., Ghosh, K : Preparation and Photocatalytic Properties of Hybrid Core–Shell Reusable CoFe₂O₄–ZnO Nanospheres. *Journal of Magnetism and Magnetic Material* 2012, 324:2597–2601.
8. Peng, T., Zhang, X., Lv, H., Zan, L : Preparation of NiFe₂O₄ Nanoparticles and Its Visible-Light-Driven Photoactivity for Hydrogen Production. *Catalysis Communications* 2012, 28:116–119.
9. Rahmayeni, Arief, S., Stiadi, Y., Rianda, R., Zulhadjri : Synthesis of Magnetic Nanoparticle TiO₂-NiFe₂O₄ : Characterization and Photocatalytic Activity on Degradation of Rhodamine B. *Jurnal Riset Kimia* 2012,12(3):229-234.
10. Ren, A., Liu, C., Hong, Y., Shi, W., Lin, S., Li, P : Enhanced visible-light-driven photocatalytic activity for antibiotic degradation using

magnetic $\text{NiFe}_2\text{O}_4/\text{Bi}_2\text{O}_3$ heterostructures. *Chemical Engineering Journal* 2014, 258:301-308.

11. M. Arab Chamjangali, G. Bagherian, A. Javid, S. Boroumand, N. Farzaneh : Synthesis of Ag-ZnO with multiple rods (multipods) morphology and its application in the simultaneous photo-catalytic degradation of methyl orange and methylene blue, *Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy* 2015: 2-4.
12. Duta. A, Visa. M : Simultaneous removal of two industrial dyes by adsorption and photocatalysis on a fly-ash-TiO₂ composite, *Journal of Photochemistry and Photobiology A: Chemistry* 2015, 306: 21-30.
13. Hou Y., Ahalapitiya H. Jayatissa : Enhancement Of Gas Sensor Response Of Nanocrystalline Zinc Oxide For ammonia By Plasma Treatment. *Applied Surface Science Journal* 2014.
14. Messali M., F. Al Wadaani, H. Oudghiri-Hassani, S. Rakass, S. Al Amri, M. Benaissa, M. Abboudi : Preparation, Characterization And Photocatalytic Activity Of Hexagonal ZnO Nanoparticles. *Materials Letters* 2014.
15. Darajat, S., Aziz, H., Alif, A : Seng Oksida (ZnO) sebagai Fotokatalis pada Proses Degradasi Senyawa Biru Metilen. *Jurnal Riset Kimia* 2008, 1(2):179-186.
16. Housecroft C.E., Sharpe A.G. *Inorganic Chemistry, Ed.2th.* England : Pearson Prentice Hall, England. 2005. Hal : 150-151.
17. Naseri, M.G., Saion E.B., Kamali A: An Overview on Nanocrystalline ZnFe_2O_4 , MnFe_2O_4 , and CoFe_2O_4 : Synthesized by a Thermal Treatment Method. *International Scholarly Research Network* 2012, 2012:1-11.
18. Ullah, R., Dutta, J : Photocatalytic Degradation of Organic Dyes with Manganese-doped ZnO Nanoparticles. *Journal of Hazardous Materials* 2008, 156:194-200.
19. Hou, X : ZnO/Ag Heterostructured Nano Assemblies: Wet-Chemical Preparation an Improved Visible-Light Photocatalytic Performance. *Material Letters* 2015, 139:201-204.
20. Vilar S. Y., M. S. Andujar S. Y., Aguirre C.G., Mira J., Rodriguez M.A.S., Garcia S.C : A Simple Solvothermal Synthesis of MFe_2O_4 (M=Mn, Co and Ni) Nanoparticles. *Journal of Solid State Chemistry* 2009, 182: 2685-2690.

21. Nejadi K., Zabihi R : Preparation And Magnetic Properties of Nano Size Nickel Ferrite Particles Using Hydrothermal Method, *Chemistry Central Journal* 2012, 6:23-24.
22. Vivekanandhan, S., Venkateswarlu, M., Carnahan, D., Misra, M., Mohanty, A.K., Satyanarayana, N : Sol-gel mediated surface modification of nanocrystalline NiFe₂O₄ spinel powders with amorphous SiO₂. *Ceramics International* 2013, 39:4107-4111.
23. Zhang, G., Xu W., Li, Z., Hu, W., Wang, Y : Preparation and Characterization of Multi-Functional CoFe₂O₄-ZnO Nanocomposites. *Journal of Magnetism and Magnetic Materials* 2009, 321:1424-1427.
24. Safni, Handa, T.N., Suryani, H : Degradasi Zat Warna *Rhodamine B* secara Sonolisis dan Fotolisis dengan Penambahan TiO₂-Anatase. *Jurnal Sains dan Teknologi Farmasi* 2008, 13(1):38-42.
25. Shao, R., Sun, L., Tan, L., Chen, Z : Preparation and Characterization of Magnetic Core-Shell ZnFe₂O₄@ZnO Nanoparticles and their Application for the Photodegradation of Methylene Blue. *Chemical Engineering Journal* 2013, 217:185-191.
26. Hayashi H., Hakuta Y : Hydrothermal Synthesis of Metal Oxide Nanoparticles in Supercritical Water, *Materials* 2010, 3:3794-3817.
27. Arief, M. : Sintesis dan Karakterisasi Nanopartikel Seng Oksida (ZnO) dengan Metode Proses Pengendapan Kimia Basah dan Hidrotermal untuk Aplikasi Fotokatalisis. *Skripsi*, Universitas Indonesia, Depok, 2011.
28. Xu Y., Xu H., Li H., Xia J., Liu C., Liu L : Enhanced Photocatalytic Activity of New Photocatalyst Ag/AgCl/ZnO. *Journal of Alloys and Compounds* 2011, 509: 3286-3292.
29. Lu Y., Lin Y., Wang D., Wang L., Xie T., Jiang T : A High Performance Cobalt-Doped ZnO Visible Light Photocatalyst and Its Photogenerated Charge Transfer Properties. *Nano Res* 2011. 4(11):1144-1152.
30. Huo, J., Wei, M : Characterization and Magnetic Properties of Nanocrystalline Nickel Ferrite synthesized by Hydrothermal Method. *Materials Letters* 2009, 63:1183-1184.
31. O'Neil, Maryadele J. et al, 2006, *The Merck Index*, Merck Sharp & Dohme Corp., a subsidiary of Merck & Co., Inc.
32. Sentra Informasi Keracunan, Pusat Informasi Obat dan Makanan, Badan POM RI. 2005 *Pedoman Pertolongan Keracunan untuk Puskesmas, Buku IV Bahan Tambahan Pangan*.

33. Soares, E. T.; Lansarin, M. A.; Moro, C. C. 2007. A Study of Process Variables for The Photocatalytic Degradation of Rhodamine B. *Brazilian of Chemical*
34. Silalahi J., Rahman F : Analisis *Rhodamine B* pada Jajanan Anak Sekolah Dasar di Kabupaten Labuhan Batu Selatan, Sumatera Utara. *Indon Med Assoc* 2011. 61(7) : 293-298.
35. Septia, W. A : Penerapan Metode Solvotermal untuk Sintesis Nanokomposit ZnO/MFe₂O₄ (M = Ni, Cu) Dan Uji Sifat Fotokatalitiknya Di Bawah Sinar Matahari. *Skripsi*, Universitas Andalas, Padang, 2015.
36. Silva, et al : Catalytic oxidation of methylene blue in aqueous solutions. Instituto de Ingenieria Quimica– Universidad Nacional de San Juan– Argentina.
37. Hawley : *Condensed Chemical Dictionary*, Eleventh ed. Van Nortrand Reinhold, New York 1981.
38. Widihati, I.A.G., Diantariani, N.P., Nikmah, Y.F : Fotodegradasi Metilen Biru dengan Sinar UV dan Katalis Al₂O₃. *Jurnal Kimia* 2011, 5(1):31-42.
39. Huo, R., Yuang, Y., Zhao, Z., Zhang, F., Xu, S : Enhanced Photocatalytic Performance of Hierarchical ZnO/ZnAl₂O₄ Microsphere Derived from Layered Double Hydroxide Precursor Spray-Dried Microsphere. *Colloid and Interface Science* 2013.
40. Sivakumar, P., Ramesh, R., Ramanand, A., Ponnusamy, S., Muthamizchelvan, C : Preparation and properties of nickel ferrite (NiFe₂O₄) nanoparticles via sol-gel auto-combustion method. *Materials Research Bulletin* 2011. 46:2204-2207.
41. Srivastava, M., Chaubey, S., Ojha, A.K : Investigation on size dependent structural and magnetic behavior of nickel ferrite nanoparticles prepared by sol-gel and hydrothermal methods. *Materials Chemistry and Physics* 2009, 118:174-180.
42. Reddy, M.P., Madhuri, W., Sadhana, K., Kim, I.G., Hui, K.S., Kumar, K.V.S., Reddy, R.R : Microwave Sintering of Nickel Ferrite Nanoparticles Processed via Sol-Gel Method. *J Sol-Gel Sci Technol* 2014, 70:400-404.