

DAFTAR PUSTAKA

1. Afkhami Abbas, Razieh Moosavi, 2010, Adsorptive Removal Of Congo Red, A Carciogenic Textyle Dye, From Aqueous Solution By Maghmemite Nanoparticles. *Journal Of Hazardous Materials*, Faculty Of Chemistry Bu-Ali Sina University, Iran, 174, 398-403.
2. Rahmayeni, Dian, D., Syukri, A, 2013, Sintesis, Karakterisasi Dan Uji Aktivitas Fotokatalitik Nanokomposit $\text{TiO}_2\text{-ZnFe}_2\text{O}_4$, *Jurnal Kimia Unand* (ISSN No. 2302-3401), Volume 2 Nomor 3.
3. Slamet, Bismo, S., Arbianti, R., Sari Z. 2006. Penyisihan Fenol Dengan Kombinasi Proses Adsorpsi Dan Fotokatalisis Menggunakan Karbon Aktif Dan TiO_2 , *Jurnal Teknologi*, Edisi No. 4.
4. Borgohain C., Senapati K.K.,Sarma K.C., Phukan P., 2012. A Facile Synthesis Of Nanocrystalline CoFe_2O_4 Embedded One-Dimensional ZnO Hetero-Structure And Its Use In Photocatalysis, *Journal Of Molecular Catalysis A* 363– 364, 495– 500.
5. Jiang J., Ai L.H., Li L.C., Liu H, Facile Fabrication And Characterization Of $\text{NiFe}_2\text{O}_4/\text{ZnO}$ Hybrid Nanoparticles, *Journal Of Alloys And Compounds*, 2009, 484, 69-72.
6. Li, C. J., Wang, J. N., Wang, B., Gong, J. R., & Lin, Z., 2012, A Novel Magnetically Separable $\text{TiO}_2/\text{CoFe}_2\text{O}_4$ Nanofiber With High Photocatalytic Activity Under UV-Vis Light, *Materials Research Bulletin*, 47, 2, 333-337.
7. Su N.R., Lv P., Li M., Zhang X., Li M., Niu J., 2014, Fabrication Of $\text{MgFe}_2\text{O}_4\text{-ZnO}$ Heterojunction Photocatalysts For Application Of Organic Pollutants, *Material Letters*, 122, 201-204
8. Sun L, Shao .R, Tang .L, Chen .Z, 2013, Synthesis Of $\text{ZnFe}_2\text{O}_4/\text{ZnO}$ Nanocomposites Immobilized On Graphene With Enhanced Photocatalytic Activity Under Solar Light Irradiation, *Journal Of Alloys And Compounds*, 564,55–62.
9. S.R. Senthilkumar, T. Sivakumar, 2014, Green Tea (*Camellia Sinensis*) Mediated Synthesis Of Zinc Oxide (Zno) Nanoparticles And Studies On Their Antimicrobial Activities, *Int. J. Pharm. Pharm, Sci*, 6 R, 461-465.
10. Tamanna Bhuyan, Kavita Mishra, Manika Khanuja, Ram Prasad, Ajit Varma,2015, Biosynthesis Of Zinc Oxide Nanoparticles From *Azadirachta Indica* For Antibacterial And Photocatalytic Applications, *Mater. Sci. Semicond. Process*, 32, 55-61.

11. M. Ramesha, M. Anbuvarannan, G. Viruthagiri, 2015, Green Synthesis Of ZnO Nanoparticles Using Solanum Nigrumleaf Extract And Their Antibacterial Activity, *Spectrochim. Acta A*, 136, 864-870.
12. Rathinam Yuvakkumar, A. Joseph Nathanael, Sun Ig Honga, 2014, Rambutan (*Nephelium Lappaceum L.*) Peel Extract Assisted Biomimetic Synthesis Of Nickel Oxide Nanocrystals, *Mater. Lett*, 128,170-174.
13. Pal Svan Lal, Utpal Jana, P. K. Manna, G. P. Mohanta, R. Manavalan, 2011, Nanoparticle: An Overview Of Preparation And Characterization, *Journal Of Applied Pharmaceutical Science* 01 (06), 228-234.
14. Hou Y., Ahalapitiya H. Jayatissa., 2014, Enhancement Of Nanocrystalline Zinc Oxide Based Electronic Gas Sensor By Surface Modification, *Dissertations*, 1585,1-127.
15. Nejati K., Zabihi R., 2012, Preparation And Magnetic Properties Of Nano Size Nickel Ferrite Particles Using Hydrothermal Method, *Chemistry Central Journal*, 6, 23.
16. Vilar S. Y., M.Sandujar S. Y., Aguirre C.G., Mira J., Rodriguez M.A.S., Garcia S.C., 2009, A Simple Solvothermal Synthesis Of MFe_2O_4 (M=Mn, Co And Ni) Nanoparticles. *Journal Of Solid State Chemistry*, 182, 2685–2690.
17. Messali M., F.Al Wadaani, H.Oudghiri-Hassani, S.Rakass, S.Alamri, M. Benaissa, M.Abboudi., 2014, Preparation, Characterization And Photocatalytic Activity Of Hexagonal ZnO Nanoparticles, *Materials Letters*,
18. Nugroho D.W., 2012, Pengaruh Variasi Ph Pada Sintesis Nanopartikel ZnO Dengan Metode Sol-Gel, *Prosiding Pertemuan Ilmiah Ilmu Pengetahuan Dan Teknologi Bahan*, ISSN 1411-2213.
19. Housecorft C.E., Sharpe A.G., *Inorganic Chemistry*, Ed.2th. England : Pearson Prentice Hall, 2005, 150-151
20. Mukti, K.H., Hastiawan, I., Rakhmawaty, D., Noviyanti, A.R, 2013, Preparasi Fotokatalis Barium Bismut Titanat Terprotonasi (HBBT) Untuk Fotodegradasi Metilen Biru. *Prosiding Seminar Nasional Sains Dan Teknologi Nuklir*. PTNBR-BATAN Bandung,128-134.
21. Feng, X., Guo, H., Patel, K., Zhou, H., And Lou, X., 2014, High Performance, Recoverable Fe_3O_4 -ZnO Nanoparticle For Enhanced Photocatalytic Degradation Of Phenol, *Chemical Engineering Journal*, 224,327-334.
22. Hayashi H., Hakuta Y., 2010, Hydrothermal Synthesis Ofmetal Oxide Nanoparticles In Supercritical Water, *Materials*, (3), 3794-3817

23. Jansenss, J.J.M., Pohlan, J. Dan Vanderlinden E.J.M, 2013, Harvest Maturity, Harvesting, And Field Handling Of Rambutan. *Stewart Postharvest, Review*, 2(11),1-12.
24. Dalimartha, Setiawan, Atlas Tanaman Indonesia, Jilid 4, 2015, Jakarta: Puspa Suara.
25. Thitilertdecha, N., Teerawutgulrag, A., Rakariyatham, N, 2008, Antioxidant And Antibacterial Activities Of Nephelium LappaceumL Extracts. *Food, Science And Technology*, 1(170).
26. Hossein, Mahvi Amir, Heibati Behzad, 2012, Removal Of Reactive Red 120 And Direct Red 81 Dyes From Aqueous Solutions By Pumice. *Research Journal Of Chemistry And Environment*, 62-68.
27. Heravi, Mohammad Momen, Zari Abasion, Ali Morsali, Poursan Ardalan, Touran Ardalan, 2014, Biosorption Of Direct Red 81 Dye From Aqueous Solution On Prepared Sonchus Fruit Plant, As A Low Cost Biosorbent, *Thermodynamic And Kinetic Study, Journal Of Applied Chemistry*,17-22.
28. Byberg, Rebecca, Jesse Cobb, 2012, Photocatalytic Degradation Of A Series Of Direct Azo Dyes Using Immobilized TiO₂, *Worcester Polytechnic Institute*,1-66.
29. Dong Na, Fangzhen He, Junlian Xin, Qizhao Wang, Ziqiang Lei, Bitao Su, 2015, Preparation Of CoFe₂O₄ Magnetic Fiber Nanomaterial Via A Template-Assisted Solvothermal Method, *Material Letters*, 141, 238-241.
30. Castro, T.J, S.W, Da Silva, F. Nakagomi, N.S. Moura, A. Franco Jr, P.C. Moris, 2015, Structural And Magnetic Properties Of ZnO-CoFe₂O₄ Nanocomposites, *Journal Of Magnetism And Magnetic Materials*, 389, 27-33.
31. Z.P. Chen, W.Q. Fang, B.Zhang, H.G. Yang, 2013, High-Yield Synthesis And Magnetic Properties Of ZnFe₂O₄ Single Crystal Nanocubes In Aqueous Solution, *J. Alloy Comp*, 550, 348-352.
32. Manikandan A, R. Sridhar, S. Arul Antony, Seeram Ramakrishna, 2014, Simple Aloe Vera Plant-Extracted Microwave and Conventional Combustion Synthesis: Morphological, Optical, Magnetic And Catalytic Properties Of CoFe₂O₄ Nanostructures, *Journal Molecular Structure*, 1076, 168-200.
33. Laokul Paveena, Vittaya Amornkitbamrung, Supapan Serapin, Santi Maensiri, 2011, Characterization And Magnetic Properties Of Nanocrystalline CuFe₂O₄, NiFe₂O₄, ZnFe₂O₄ Powders Prepared By The Aloe Vera Extract Solution, *Current Applied Physics*, 11, 101-108.

34. Y. Koseoglu, F. Alan, M. Tan, R. Yilgin, M. Ozturk, 2012, Low temperature hydrothermal synthesis and characterization of Mn doped cobalt ferrite nanoparticles, *Cera. Int*, 38, 3625–3634.
35. H.Cheng, H. Hsu, S. Chen, W.Wu, C. Kao,L. Lin, W.Hsieh, 2005, Efficient UV Photoluminescence From Monodispered Secondary ZnO Colloidalsperes Synthesized By Sol-Gel Method, *J.Cryst.Growthh*, 227,192-199.
36. G. Xiong, U.Pal, J.G. Serrano, K.B.Ucer,R.T. Williams, 2006, Photoluminescence And FTIR Study Of ZnO Nanoparticles:The Impurity And Defect Perspective, *Phys.Status Solidy C3*, 3577-3581.
37. X.Liu, Z. Ma, J.Xing, H.Liu, 2004, Preparation And Characterization Of Amino-Silane Modified Superparamagnetic Silica Nanophheres, *Magn. Magn.Mater*, 270,1-6.
38. Sathiskumara P., Pugazhenthirana N., Mangalarajab R.V., Asiri A.M., Anandana S., 2013, ZnO Supported CoFe₂O₄ Nanophotocatalysts For The Mineralization Of Direct Blue 71 In Aqueous Environments. *Journal Of Hazardous Materials*, 252-253,171-179.
39. Y.J. Kim, B. Gao, S.Y. Han, Jung, A.K. Chakraborty, T. Ko, C. Lee, W.I. Lee, 2009, Nanoparticle For a Novel Visible Light Photocatalyst, *J. Phys. Chem C*, 113, 19179-19184.
40. Subagio,F.A,A, Nurhasanah I, 2011, Sintesis Nanokomposit TiO₂ – Carbon Nanotubes Menggunakan Metode Sol-Gel Untuk Fotodegradasi Zat Warna Azo Orange 3R, *Jurnal Ilmu Pengetahuan Dan Teknologi*, 29 (2), 63-72.
41. Atkia,A.J, Kadhin,S.H, And Hussen, F. H, 2007, Photocaliytc Degradation Of Textile Dyieng Wastewater Using Titanium Dioxide And Zinc Oxide, *E-Journal Of Chemistry*, 2, 219-223.
42. Eko, H., Heri, S., Sofjan, F., Zaenal, A. 2013, Pembuatan Lapisan Fotokatalis Zinc Oxide (ZnO) Dengan Teknik Spray Coating Dan Aplikasinya Pada Pengering Jagung. *Berkala Fisika. Vol. 16, No. 4*. Jurusan Fisika Universitas Diponegoro