

บรรณานุกรม

- Bao, D., Gu, H., Kuang, A. 1998. Sol-gel-derived c-axis oriented ZnO thin films. *Thin Solid Films*. 312, 37-39.
- Caswell, K.K., Bender, C.M., Murphy, C.J. 2003. Seedless, Surfactantless wet chemical synthesis of silver nanowire. 3, 667-669.
- Chu, S.Y., Yan, T.M., Chen, S.L. 2000. Analysis of ZnO varistors prepared by the sol-gel method. *Ceramics International*. 26, 733-737.
- Dong, L., Liu, Y.C., Tong, Y.H., Xiao, Z.Y., Zhang, J.Y., Lu, Y.M., Shen, D.Z., Fan, X.W. 2005. Preparation of ZnO colloids by aggregation of the nanocrystal subunits. *J.Colloid and Interface Science*. 283, 380-384.
- Fortunato, E., Barquinha, P., Pimentel, A., Goncalves, A., Marques, A., Pereira, L., Martins, R. 2005. Recent advances in ZnO transparent thin film transistors. *Thin Solid Films*. 487, 205-211.
- Hosono, E., Fujihara, S., Kimura, T., Imai, H. 2004. Non-basic solution routes to prepare ZnO nanoparticles. *J.Sol-Gel Science and Technology*. 29, 71-77.
- Jinping, L., Xinting, H. 2006. A low-temperature synthesis of ultraviolet-light-emitting ZnO nanotubes and tubular whiskers. *J.Solid State Chemistry*. 179, 843-848.
- Kong, Y.C., Yu, D.P., Zhang, B., Fang, W., Feng, S.Q. 2001. Ultraviolet-emitting ZnO nanowires synthesized by a physical vapor deposition approach. *Applied Physica Letters*. 78, 407-409.
- Lee, C., Lim, K., Song, J. 1996. Highly textured ZnO thin films doped with indium prepared by the pyrosol method. *Solar Energy Materilas and Solar Cells*. 43, 37-45.
- Li, D., Haneda, H. 2003. Morphologies of zinc oxide particles and their effects on photocatalysis. *Chemosphere*. 51, 129-137.
- Lu, C.H., Yeh, C.H. 1997. Emulsion precipitation of submicron zinc oxide powder. *Materials Letter*. 33, 129-132.
- Maensiri, S., Laokul, P., Promarak, V. 2006. Synthesis and optical properties of nanocrystalline ZnO powders by a simple method using zinc acetate dehydrate and poly(vinylpyrrolidone). *J.Crystal Growth*. 289, 102-106.
- Majumder, S.B., Jain, M., Dobal, P.S. Katiyar, R.S. 2003. Investigations on solution derived aluminium-doped zinc oxide thin films. *Materials Science and Engineering B*. 103, 16-25.
- McBride, R.A., Kelly, J.M., McCormack, D.E. 2003. Growth of well defined ZnO microparticles

- by hydroxide ion hydrolysis of zinc salts. *J. Materials Chemistry*. 99, 1196-1201.
- Norton, D.P., Heo, Y.W., Ivill, M.P., Ip, K., Pearton, S.J., Chisholm, M.F., Steiner, T. 2004. ZnO: growth, doping and processing. *Materials today*. 7, 34-40.
- Pearton, S.J., Norton, D.P., Ip, K., Heo, Y.W., Steiner, T. 2003. Recent progress in processing and properties of ZnO. *Superlattices and Microstructures*. 34, 3-32.
- Pillai, S.C., Kelly, J.M., McCormack, D.E., Ramesh, R. 2004. Self-assembled arrays of ZnO nanoparticles and their application as varistor materials. *J. Materials Chemistry*. 14, 1572-1578.
- Seelig, E.W., Tang, B., Yamilov, A., Cao, H., Chang, R.P.H. 2003. Self-assembled 3D photonic crystals from ZnO colloidal spheres. *Materials Chemistry and Physics*. 80, 257-263.
- Serpone, N., Lawless, D., Khairutdinov, R. 1995. Size effects on the photophysical properties of colloidal anatase TiO₂ particles: size quantization or direct transitions in this indirect semiconductor. *J. Physical Chemistry*. 99, 16646-16654.
- Vanheusden, K., Warren, W.L., Seager, C.H., Tallant, D.R., Voigt, J.A. 1996. Mechanisms behind green photoluminescence in ZnO phosphor powders. *J. Applied Physics*. 79, 7983-7990.
- Viswanatha, R., Sapra, S., Satpati, B., Satyam, P.V., Dev, B.N., Sarma, D.D. 2004. Understanding the quantum size effects in ZnO nanocrystals. 14, 661-668.
- Wang, E.M., Bonevich, J.E., Searson, P.C. 1998. The growth kinetics of nanocrystalline ZnO particles from colloidal suspensions. *J. Physical Chemistry B*. 102, 7770-7775.
- Xinshu, N., Weiping, D., Weimin, D. 2004. Preparation and gas sensing properties of ZnM₂O₄ (M = Fe, Co, Cr). *Sensors and actuator B*. 99, 405-409.
- Xu, J., Pan, Q., Shun, Y., Tian, Z. 2000. Grain size control and gas sensing properties of ZnO gas sensors. *Sensors and Actuator B*. 66, 277-279.
- Xu, J., Chen, Y., Chen, D., Chen, J. 2006. Hydrothermal synthesis and gas sensing characters of ZnO nanorods. *Sensors and Actuator B*. 113, 526-531.
- Zeshan, H., Oskam, G., Searson, P.C. 2003. Influence of solvent on the growth of ZnO nanoparticles. *J. Colloid and Interface Science*. 263, 454-460.
- Zhong, L.W. 2004. Zinc oxide nanostructures: growth, properties and applications. *J. Condensed Matter*. 16, R829-R858.