

Appendix A

A.1. List of Publication

- 1- **R. Yousefi**, B. Kamaluddin., (2009). Dependence of photoluminescence peaks and ZnO nanowires diameter grown on silicon substrates at different temperatures and orientations. *J. Alloy Compd*, **479 (1-2)**. L11-L14.
- 2- **R. Yousefi**, B. Kamaluddin, M. Ghoranneviss, F. Hajakbari., (2009). Auger and photoluminescence analysis of ZnO nanowires grown on AlN thin film. *Appl Surf Sci*, **255 (15)**.6985-6988.
- 3- **R. Yousefi**, B. Kamaluddin., (2009). Effect of S- and Sn-doping to the optical properties of ZnO nanobelts. *Appl Surf Sci*, **255 (23)**. 9376-9380.
- 4- **R. Yousefi**, B. Kamaluddin., (2009). Fabrication and characterization of ZnO and ZnMgO nanostructures grown using a ZnO/ZnMgO compound as the source material. *Appl Surf Sci*, **256 (1)**. 329-334.
- 5- **R. Yousefi**, B. Kamaluddin., (2010). The effects of annealing temperature on structural and optical properties of S-doped ZnO nanobelts. *Solid State Sci*, **12 (2)**. 252-256.
- 6- **R. Yousefi**, F. J. Sheini, M. R. Muhamad, M. A. More., (2010). Characterization and field emission properties of ZnMgO nanowires fabricated by thermal evaporation process. *Solid State Sci*, **12 (7)**. 1088-93.
- 7- **R. Yousefi**, M. R. Muhamad., (2010). Effects of gold catalysts and thermal evaporation method modifications on the growth process of $Zn_{1-x}Mg_xO$ nanowires. *J. Solid State Chem* **183 (7)**. 1733-39.
- 8- **R. Yousefi**, M. R. Muhamad, A. K. Zak., (2010). Investigation of indium oxide as a self-catalyst in ZnO/ZnInO heterostructure nanowires growth. *Thin Solid Films* **518 (21)** 5971-77
- 9- **R. Yousefi**, B. Kamaluddin, M. Ghoranneviss, F. Hajakbari., (2009). Characterization and fabrication of ZnO nanowires grown on AlN thin film. *AIP Conf. Proc.* **1150**. 371-375.
- 10- **R. Yousefi**, M. R. Muhamad, A.K. Zak., (2010). The effect of source temperature on morphological and optical properties of ZnO nanowires grown using a modified thermal evaporation set-up. Accepted in *Current Applied Physics*.

A.2. International Conference Attendent

- 1- **R. Yousefi**, B. Kamaluddin., 2ND International Conference on Funcational Materials and Devices 2008 (ICMFD 2008), *Kuala Lumpur, Malaysia*, Poster contributed.
- 2- **R. Yousefi**, B. Kamaluddin., International Conference on Thin Films 2008, *Singapore*, Oral presentation.
- 3- **R. Yousefi**, B. Kamaluddin., The Third International Meeting of Frontiers of Physics 2009, *Kuala Lumpur, Malaysia*, Oral presentation.
- 4- **R. Yousefi**, M. R. Muhamad., The 6th International Workshop on Zinc Oxide and Related Materials 2010, *Changchun, China*, Accepted as oral presentation.