Supplementary Information

Investigation of growth mechanism of ZnO nanorods formation by thermal decomposition of zinc acetate and their field emission properties

Table S1 - Comparison of different zinc precursors on the basis of their decomposition temperature and cost

Zinc precursor	Decomposition temp (° C)	Cost
Zinc sulphate hydrate	800	2500/250G*
Zinc oxalate hydrate	350-450	7238/5G*
Zinc nitrate hexahydrate	400	2248/500G*
Zinc acetate dehydrate	300	1807/500G*

*** Cost is based on Sigma Aldrich**

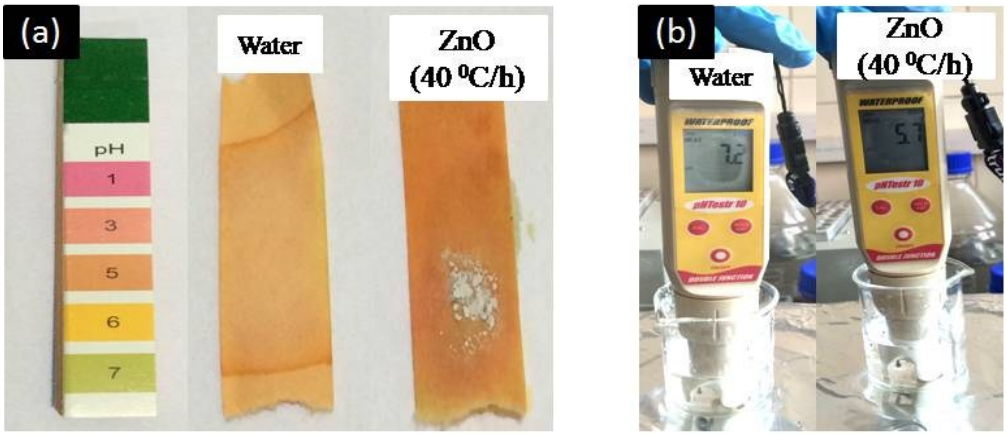

Fig. S1 – Variation in pH while decomposition of zinc acetate at heating rate of 40°C/h (a) over a pH strip and (b) on a digital pH-meter.