

Oxygen Vacancies Generation in ZnO and Their Effects on Gas Sensing Properties

_____, *

(kyong@postech.ac.kr*)

ZnO film nanorod H₂O₂ annealing ethanol gas sensing
 . RF sputtering 1µm ZnO film , seed
 3µm ZnO nanorod . ZnO nanorod gas sensor
 ZnO film gas sensor 가 sensing response .
 H₂O₂ annealing ZnO oxygen vacancies X-ray
 diffraction (XRD), X-ray photoelectron spectroscopy (XPS), photoluminescence (PL), diffused reflectance
 spectroscopy (DRS) . oxygen vacancies gas sensing
 response 가 , .