

Published papers:

- 1- Luminance -voltage and efficiency - voltage characterization of $ZnS: Mn^{+2}$ alternating- current thin-film electroluminescent device (2004).
- 2-Influence of charged centers on transport properties of thin film electroluminescent devices (2004)
- 3- Subthreshold voltage-induced transferred charge aging analysis of alternating-current thin -film electroluminescent devices (2004).
- 4- Photo-induced charge and Luminance measurements in $znS :Mn^{+2}$ ACTFEL(2004).
- 5- Phosphor materials and Luminescent impurities for ACTFELdevice (2004).
- 6- Photo-induced charge and hole drift length measurement of evaporated $ZnS :Mn$ alternating-current thin- film electroluminescent device (2004).
- 7-Influence of charged centers on transport properties thin film electroluminescent devices (2005).
- 8- Aging characteristics of green-emitting $Zn_2GeO_4: Mn$ alternating-current thin-film electroluminescent displays (2005).
- 9-Aging characteristics of green-emitting- $Zn_2GeO_4: Mn$ alternating-current thin-film electroluminescent devices (2005).
- 10-Aging characteristics of green-emitting $Zn_2Geo_4: Mn$ alternating-current thin-film electroluminescent devices (2005).
- 11-Aging study of evaporated $Zn_2GeO_4: Mn$ Alternating-current thin-film electroluminescent devices (2005).
- 12-Local investigation on alternating current $Zn_2GeO_4:Mn$ thin-film electroluminescent devices (2006).
- 13-Local opto-electronic characteristics of alternating current $Zn_2GeO_4:Mn$ thin-film electroluminescent devices (2006).
- 14-The dependence of brightness layer epitaxy $Zn_2GeO_4:Mn$ alternating-current thin- film, electroluminescent devices (2005).
- 15-The dependence of brightness and threshold voltage of memory $Zn_2GeO_4:Mn$ thin **film** electroluminescent devices upon thickness(2006).
- 16- Influence of charged centers on transport characteristics of alternating current thin **film** electroluminescent devices (2006).
- 17-Electroluminescence brightness and luminous efficiency of $Zn_2GeO_4: Mn$ doped with (2007)
- 18- Measuring Scattered X-Ray Rate at Medical Diagnostic Room Utilizing Geiger-Muller Counter (2017)

19- Mathematical Evaluation of Entrance Surface Dose (ESD) for Patients Examined by Diagnostic X-Rays (2017)