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**PERSONAL**

Date of Birth	31.05.1981
Place of Birth	Kadirli/OSMANİYE

**EDUCATION**

2009-2013	Middle East Technical University, Physics, Ph.D.
2005-2008	Middle East Technical University, Physics, M.S.
1999-2004	Boğaziçi University, Physics, B.S.

**ACADEMIC POSITIONS**

09/2017	Assoc. Prof. Dr., Department of Electrical and Electronics Engineering, Atılım University, Turkey
05/2013	Asst. Prof. Dr., Department of Electrical and Electronics Engineering, Atılım University, Turkey

**RESEARCH INTERESTS**

1	Binary, Ternary and Quaternary Semiconducting Compounds
2	Ellipsometry
3	Thermoluminescence
4	Thermally Stimulated Current
5	Thin Films
6	Optical Characterization of Semiconductors

**PUBLICATIONS**

1	M. Isik, N. Sarigul, N.M. Gasanly, Thermoluminescence characteristics of $\text{Bi}_{12}\text{SiO}_{20}$ single crystals, Journal of Luminescence, 224, 117280, 2020
2	S. Delice, M. Isik, H.H. Gullu, M. Terlemezoglu, O. Bayrakli Surucu, N.M. Gasanly, M. Parlak, Temperature dependent band gap in $\text{SnS}_{2x}\text{Se}_{(2-2x)}$ ( $x = 0.5$ ) thin films, Materials Science in Semiconductor Processing, 114, 105083, 2020
3	M. Isik, H.H. Gullu, M. Parlak, N.M. Gasanly, Synthesis and temperature-tuned band gap characteristics of magnetron sputtered ZnTe thin films, Physica B: Condensed Matter, 582, 411968, 2020
4	G. Surucu, M. Isik, A. Candan, X. Wang, H.H. Gullu, Investigation of structural, electronic, magnetic and lattice dynamical properties for $X\text{CoBi}$ ( $X$ : Ti, Zr, Hf) Half-Heusler compounds, Physica B: Condensed Matter, 587, 412146, 2020

<b>5</b>	M. Isik, I. Gler, N.M. Gasanly, Thermoluminescence characterization of $(\text{Ga}_2\text{Se}_3)_{0.25}$ – $(\text{Ga}_2\text{S}_3)_{0.75}$ single crystal compounds, Materials Science in Semiconductor Processing, 108, 104875, 2020
<b>6</b>	H.H. Gullu, O. Surucu, M. Terlemezoglu, M. Isik, C. Ercelebi, N.M. Gasanly, M. Parlak, Temperature-dependent material characterization of $\text{CuZnSe}_2$ thin films, Thin Solid Films, 701, 137941, 2020
<b>7</b>	H.H. Gullu, M. Isik, N.M. Gasanly, M. Parlak, Temperature-dependent optical and electrical characterization of Cu-Ga-S thin films and their diode characteristics on n-Si, Optik, 208, 164485, 2020
<b>8</b>	M. Isik, H. Nasser, A. Guseinov, N.M. Gasanly, Optical constants and critical point energies of $(\text{AgInSe}_2)_{0.75}$ – $(\text{In}_2\text{Se}_3)_{0.25}$ single crystals, Journal of Materials Science: Materials in Electronics, 31, 4702-4707, 2020
<b>9</b>	M. Isik, N.M. Gasanly, Temperature-tuned band gap characteristics of InSe layered semiconductor single crystals, Materials Science in Semiconductor Processing, 107, 104862, 2020
<b>10</b>	M. Isik, S. Delice, N.M. Gasanly, N.H. Darvishov, V.E. Bagiev, Investigation of optical properties of $\text{Bi}_{12}\text{GeO}_{20}$ sillenite crystals by spectroscopic ellipsometry and Raman spectroscopy, Ceramics International, (In Press) 2020
<b>11</b>	H.H. Gullu, M. Isik, S. Delice, M. Parlak, N.M. Gasanly, Material and device properties of Si-based $\text{Cu}_{0.5}\text{Ag}_{0.5}\text{InSe}_2$ thin-film heterojunction diode, Journal of Materials Science: Materials in Electronics, 31, 1566-1573, 2020
<b>12</b>	G. Surucu, A. Gencer, A. Candan, H.H. Gullu, M. Isik, $\text{CaXH}_3$ (X = Mn, Fe, Co) perovskite-type hydrides for hydrogen storage applications, International Journal of Energy Research, 44, 2345-2354, 2020.
<b>13</b>	G. Surucu, A. Candan, A. Gencer, M. Isik, First-principle investigation for the hydrogen storage properties of $\text{NaXH}_3$ (X= Mn, Fe, Co) perovskite type hydrides, International Journal of Hydrogen Energy, 44, 30218-30225, 2019.
<b>14</b>	M. Isik, S. Delice, N.M. Gasanly, N.H. Darvishov, V.E. Bagiev, Temperature-dependent band gap characteristics of $\text{Bi}_{12}\text{SiO}_{20}$ single crystals, Journal of Applied Physics, 126, 245703, 2019
<b>15</b>	M. Isik, I. Guler, N.M. Gasanly, Study of vibrational modes in $(\text{Ga}_2\text{S}_3)_x$ – $(\text{Ga}_2\text{Se}_3)_{1-x}$ mixed crystals by Raman and infrared reflection measurements, Optical Materials, 95, 109228, 2019
<b>16</b>	M. Isik, N.M. Gasanly, The defect state of Yb-doped ZnO nanoparticles using thermoluminescence study, Materials Science in Semiconductor Processing, 100, 29-34, 2019
<b>17</b>	S. Delice, M. Isik, H.H. Gullu, M. Terlemezoglu, O.B. Surucu, M. Parlak, N.M. Gasanly, Temperature dependence of band gaps in sputtered SnSe thin films, 131, 22-26, 2019
<b>18</b>	S. Delice, M. Isik, N.M. Gasanly, Effect of heating rate on thermoluminescence characteristics of $\text{Y}_2\text{O}_3$ nanoparticles, Journal of Luminescence, 212, 233-237, 2019
<b>19</b>	S. Delice, M. Isik, N.M. Gasanly, Traps distribution in sol-gel synthesized ZnO nanoparticles, Materials Letters, 245, 103-105, 2019
<b>20</b>	M. Isik, H.H. Gullu, S. Delice, N.M. Gasanly, M. Parlak, Analysis of temperature-dependent transmittance spectra of $\text{Zn}_{0.5}\text{In}_{0.5}\text{Se}$ (ZIS) thin films, Journal of Materials Science-Materials in Electronics, 30, 9356-9362, 2019
<b>21</b>	M. Isik, N.M. Gasanly, L. Gasanova, Optical properties of $(\text{Ga}_2\text{Se}_3)_{0.75}$ - $(\text{Ga}_2\text{S}_3)_{0.25}$ single crystals by spectroscopic ellipsometry, Physica B-Condensed Matter, 560, 6-10, 2019
<b>22</b>	I. Guler, M. Isik, N.M. Gasanly, L.G. Gasanova, R.F. Babayeva, Structural and Optical Properties of $\text{Ga}_2\text{Se}_3$ Crystals by Spectroscopic Ellipsometry, Journal of Electronic Materials, 48, 2418-2422, 2019
<b>23</b>	M. Isik, H.H. Gullu, S. Delice, M. Parlak, N.M. Gasanly, Structural and temperature-dependent optical properties of thermally evaporated CdS thin films, Materials Science in Semiconductor Processing, 93, 148-152, 2019
<b>24</b>	S. Delice, M. Isik, N.M. Gasanly, Low temperature thermoluminescence of $\text{Gd}_2\text{O}_3$ nanoparticles using various heating rate and $T_{\max}$ - $T_{\text{exc}}$ . methods, Results in Physics, 12, 1809-1813, 2019
<b>25</b>	M. Isik, N.M. Gasanly, Gd-doped ZnO nanoparticles: Synthesis, structural and thermoluminescence properties, Journal of Luminescence, 207, 220-225, 2019

<b>26</b>	M. Isik, H.H. Gullu, E. Coskun, N. Gasanly, Optical band gap and dispersion of optical constants of Cu-Ga-S thin films, <i>Optik</i> , 186, 147-154, 2019
<b>27</b>	S. Delice, M. Isik, N.M. Gasanly, Low temperature thermoluminescence behaviour of $\text{Y}_2\text{O}_3$ nanoparticles, <i>Journal of Rare Earths</i> , 37, 19-23, 2019
<b>28</b>	M. Isik, N.M. Gasanly, L. Gasanova, Spectroscopic ellipsometry investigation of optical properties of $\beta\text{-Ga}_2\text{S}_3$ single crystals, <i>Optical Materials</i> , 86, 95-99, 2018
<b>29</b>	H.H. Gullu, M. Isik, N.M. Gasanly, Structural and optical properties of thermally evaporated Cu-Ga-S (CGS) thin films, <i>Physica B-Condensed Matter</i> , 547, 92-96, 2018
<b>30</b>	M. Isik, N.M. Gasanly, Thermoluminescence properties of Al doped ZnO nanoparticles, <i>Ceramics International</i> , 44, 13929-13933, 2018
<b>31</b>	M. Isik, N.M. Gasanly, L.G. Gasanova, A.Z. Mahammadov, Thermoluminescence study in $\text{Cu}_3\text{Ga}_5\text{S}_9$ single crystals: Application of heating rate and $T_m-T_{stop}$ methods, <i>Journal of Luminescence</i> , 199, 334-338, 2018
<b>32</b>	S. Delice, M. Isik, N.M. Gasanly, Study on thermoluminescence of $\text{TlInS}_2$ layered crystals doped with Pr, <i>Materials Science in Semiconductor Processing</i> , 80, 99-103, 2018
<b>33</b>	I. Guler, M. Isik, F. Ahmedova, A. Guseinov, N. Gasanly, Characteristic features of thermoluminescence in neodymium-doped gallium sulfide, <i>Luminescence</i> , 33, 759-763, 2018
<b>34</b>	M. Isik, N.M. Gasanly, Trap characterization by photo-transferred thermoluminescence in MgO nanoparticles, <i>Physica B-Condensed Matter</i> , 537, 301-305, 2018
<b>35</b>	M. Isik, H.H. Gullu, Annealing Effect on Dark Electrical Conductivity and Photoconductivity of Ga-In-Se Thin Films, <i>Acta Physica Polonica A</i> , 133, 1119-1123, 2018
<b>36</b>	S. Delice, M. Isik, N.M. Gasanly, Trap distribution in $\text{AgIn}_5\text{S}_8$ single crystals: Thermoluminescence study, <i>Journal of Physics and Chemistry of Solids</i> , 114, 53-57, 2018
<b>37</b>	M. Isik, H. Nasser, F. Ahmedova, A. Guseinov, N.M. Gasanly, Optical properties of $\text{Cu}_3\text{In}_5\text{S}_9$ single crystals by spectroscopic ellipsometry, <i>Optik</i> , 171, 77-82, 2018
<b>38</b>	I. Guler, M. Isik, L. Gasanova, A. Mahammadov, N. Gasanly, Thermoluminescence in gallium sesquisulfide single crystals: usual and unusual heating rate dependencies, <i>Optik</i> , 165, 132-136, 2018
<b>39</b>	S. Delice, M. Isik, N.M. Gasanly, Characterization of trap centers in $\text{Gd}_2\text{O}_3$ nanoparticles by low temperature thermoluminescence measurements, <i>Optik</i> , 237-242, 2018
<b>40</b>	M. Isik, E. Tugay, N. Gasanly, Optical properties of GaS crystals: Combined study of temperature-dependent band gap energy and oscillator parameters, <i>Indiand Journal of Pure &amp; Applied Physics</i> , 55, 583-588, 2017
<b>41</b>	M. Isik, E. Bulur, N.M. Gasanly, Photo-transferred thermoluminescence of shallow traps in $\beta$ -irradiated BeO ceramics, <i>Journal of Luminescence</i> , 187, 290-294, 2017
<b>42</b>	M. Isik, N. Gasanly, Analysis of optical constants and temperature-dependent absorption edge of $\text{GaS}_{0.75}\text{Se}_{0.25}$ layered crystals, <i>Materials Research Bulletin</i> , 90, 280-284, 2017
<b>43</b>	M. Isik, N. Gasanly, Determination of optical constants and temperature dependent band gap energy of $\text{GaS}_{0.25}\text{Se}_{0.75}$ single crystals, <i>Journal of Optoelectronics and Advanced Materials</i> , 19, 374-378, 2017
<b>44</b>	M. Isik, N. Gasanly, Composition-tuned band gap energy and refractive index in $\text{GaS}_x\text{Se}_{1-x}$ layered mixed crystals, <i>Materials Chemistry and Physics</i> , 190, 74-78, 2017
<b>45</b>	M. Isik, T. Yildirim, N.M. Gasanly, Analysis of Thermoluminescence glow peaks in beta-irradiated TiGaSeS crystals, <i>Acta Physica Polonica A</i> , 129, 1165-1168, 2016
<b>46</b>	M. Isik, S. Delice, N. Gasanly, Defect characterization of $\text{Ga}_4\text{Se}_3\text{S}$ layered single crystals by thermoluminescence, <i>Pramana-Journal of Physics</i> , 86, 893-900, 2016
<b>47</b>	M. Isik, N. Gasanly, Ellipsometric study of optical properties of $\text{GaS}_x\text{Se}_{1-x}$ layered mixed crystals, <i>Optical Materials</i> , 54, 155-159, 2016
<b>48</b>	M. Isik, N. Gasanly, Optical characterization of $\text{CuIn}_5\text{S}_8$ crystals by ellipsometry measurements, <i>Journal of Physics and Chemistry of Solids</i> , 91, 13-17, 2016
<b>49</b>	M. Isik, T. Yildirim, N.M. Gasanly, Thermoluminescence properties of ZnO nanoparticles in the temperature range 10-300 K, <i>Journal of Sol-Gel Science and Technology</i> , 78, 76-81, 2016
<b>50</b>	M. Isik, E. Tugay, N.M. Gasanly, Temperature-tuned band gap energy and oscillator parameters of $\text{GaS}_{0.5}\text{Se}_{0.5}$ single crystals, <i>Optik</i> , 127, 8301-8305, 2016
<b>51</b>	M. Isik, N.M. Gasanly, Optical parameters of anisotropic chain-structured $\text{Ti}_2\text{InGaTe}_4$ crystals by spectroscopic ellipsometry, <i>Optik</i> , 127, 10637-10642, 2016

<b>52</b>	M. Isik, E. Tugay, N.M. Gasanly, Temperature-dependent optical properties of GaSe layered single crystals, <i>Philosophical Magazine</i> , 96, 2564-2573, 2016
<b>53</b>	M. Isik, N. Gasanly, Ellipsometry study of optical parameters of AgIn <sub>5</sub> S <sub>8</sub> crystals, <i>Physica B-Condensed Matter</i> , 478, 127-130, 2015
<b>54</b>	M. Isik, S. Delice, N.M. Gasanly, Analysis of glow curve of GaS <sub>0.5</sub> Se <sub>0.5</sub> single crystals, <i>Journal of Luminescence</i> , 168, 236-240, 2015
<b>55</b>	S. Delice, M. Isik, N.M. Gasanly, Transmission, reflection and thermoluminescence studies on GaS <sub>0.75</sub> Se <sub>0.25</sub> layered single crystals, <i>Materials Research Bulletin</i> , 70, 236-240, 2015
<b>56</b>	M. Isik, N. Gasanly, Optical characterization of Ga <sub>2</sub> SeS layered crystals by transmission, reflection and ellipsometry, <i>Modern Physics Letters B</i> , 29, 1550088, 2015
<b>57</b>	M. Isik, T. Yildirim, N.M. Gasanly, Determination of trapping parameters of thermoluminescent glow peaks of semiconducting Tl <sub>2</sub> Ga <sub>2</sub> S <sub>3</sub> Se crystals, <i>Journal of Physics and Chemistry of Solids</i> , 82, 56-59, 2015
<b>58</b>	S. Delice, M. Isik, E. Bulur, N.M. Gasanly, Low temperature thermoluminescence of quaternary thallium sulfide Tl <sub>4</sub> InGa <sub>3</sub> S <sub>8</sub> , <i>Indian Journal of Physics</i> , 89, 571-576, 2015
<b>59</b>	M. Isik, S. Delice, N.M. Gasanly, Low-Temperature Thermo luminescence Studies on TlInS <sub>2</sub> Layered Single Crystals, <i>Acta Physica Polonica A</i> , 126, 1299-1303, 2014
<b>60</b>	M. Isik, W. Hadibrata, N.M. Gasanly, Annealing effect on the low temperature thermoluminescence properties of GaSe single crystals, <i>Journal of Luminescence</i> , 154, 131-135, 2014
<b>61</b>	M. Isik, N.M. Gasanly, F. Korkmaz, Compositional Dependence of Optical Modes Frequencies in TiGa <sub>(x)</sub> In <sub>(1-x)</sub> S <sub>(2)</sub> Layered Mixed Crystals (0 ≤ x ≤ 1), <i>Acta Physica Polonica A</i> , 126, 747-750, 2014
<b>62</b>	M. Isik, H.H. Gullu, Structural and optical properties of thermally evaporated Ga-In-Se thin films, <i>Modern Physics Letters B</i> , 28, 1450101, 2014
<b>63</b>	S. Delice, M. Isik, N.M. Gasanly, Trapping centers and their distribution in Tl <sub>2</sub> InGaSe <sub>4</sub> single crystals by thermally stimulated luminescence, <i>Journal of Materials Science</i> , 49, 2542-2547, 2014
<b>64</b>	S. Delice, M. Isik, N.M. Gasanly, Thermoluminescence characteristics of Tl <sub>4</sub> GaIn <sub>3</sub> S <sub>8</sub> layered single crystals, <i>Philosophical Magazine</i> , 94, 141-151, 2014
<b>65</b>	M. Isik, S. Delice, N.M. Gasanly, Optical properties of TiGa <sub>x</sub> In <sub>1-x</sub> Se <sub>2</sub> layered mixed crystals (0.5 ≤ x ≤ 1) by spectroscopic ellipsometry, transmission, and reflection, <i>Philosophical Magazine</i> , 94, 2623-2632, 2014
<b>66</b>	M. Isik, N.M. Gasanly, Interband critical points in TiGa <sub>x</sub> In <sub>1-x</sub> S <sub>2</sub> layered mixed crystals (0 ≤ x ≤ 1), <i>Journal of Alloys and Compounds</i> , 581, 542-546, 2013
<b>67</b>	M. Isik, E. Bulur, N.M. Gasanly, TL and TSC studies on TiGaSe <sub>2</sub> layered single crystals, <i>Journal of Luminescence</i> , 144, 163-168, 2013
<b>68</b>	M. Isik, N.M. Gasanly, Temperature-dependent electrical resistivity, space-charge-limited current and photoconductivity of Ga <sub>0.75</sub> In <sub>0.25</sub> Se single crystals, <i>Physica B-Condensed Matter</i> , 421, 53-56, 2013
<b>69</b>	M. Isik, N.M. Gasanly, F. Korkmaz, Multiphonon absorption processes in layered structured TiGaS <sub>2</sub> , TlInS <sub>2</sub> and TiGaSe <sub>2</sub> single crystals, <i>Physica B-Condensed Matter</i> , 421, 50-52, 2013
<b>70</b>	S. Delice, M. Isik, E. Bulur, N.M. Gasanly, Thermoluminescence properties of Tl <sub>2</sub> Ga <sub>2</sub> S <sub>3</sub> Se layered single crystals, <i>Journal of Applied Physics</i> , 113, 193510, 2013
<b>71</b>	M. Isik, E. Bulur, N.M. Gasanly, Low-temperature thermoluminescence in TiGaS <sub>2</sub> layered single crystals, <i>Journal of Luminescence</i> , 135, 60-65, 2013
<b>72</b>	M. Isik, N.M. Gasanly, F. Korkmaz, Infrared and Raman scattering spectra of layered structured Ga <sub>3</sub> InSe <sub>4</sub> crystals, <i>Physica B-Condensed Matter</i> , 412, 61-63, 2013
<b>73</b>	M. Isik, N.M. Gasanly, R. Turan, Optical constants and interband transitions of anisotropic layered structured Tl <sub>2</sub> GaInS <sub>4</sub> crystals by spectroscopic ellipsometry, <i>Journal of Alloys and Compounds</i> , 549, 179-183, 2013
<b>74</b>	M. Isik, I. Guler, N.M. Gasanly, Temperature and excitation intensity tuned photoluminescence in Ga <sub>0.75</sub> In <sub>0.25</sub> Se crystals, <i>Optical Materials</i> , 35, 414-418, 2013
<b>75</b>	M. Isik, N.M. Gasanly, R. Turan, Interband transitions in gallium sulfide layered single crystals by ellipsometry measurements, <i>Physica B-Condensed Matter</i> , 408, 43-45, 2013

<b>76</b>	M. Isik, E. Bulur, N.M. Gasanly, Low-temperature thermoluminescence in layered structured $\text{Ga}_{0.75}\text{In}_{0.25}\text{Se}$ single crystals, Journal of Alloys and Compounds, 545, 153-156, 2012
<b>77</b>	M. Isik, N.M. Gasanly, R. Turan, Spectroscopic ellipsometry study of above-band gap optical constants of layered structured $\text{TlGaSe}_2$ , $\text{TlGaS}_2$ and $\text{TlInS}_2$ single crystals, Physica B-Condensed Matter, 407, 4193-4197, 2012
<b>78</b>	M. Isik, N.M. Gasanly, Dielectric functions and interband critical points of anisotropic chain structured $\text{TlSe}$ single crystals, Journal of Applied Physics, 112, 083526, 2012
<b>79</b>	M. Isik, N.M. Gasanly, Ellipsometry study of interband transitions in $\text{TlGaS}_{2x}\text{Se}_{2(1-x)}$ mixed crystals ( $0 \leq x \leq 1$ ), Optics Communications, 285, 4092-4096, 2012
<b>80</b>	M. Isik, N.M. Gasanly, Absorption edge and optical constants of $\text{Tl}_2\text{Ga}_2\text{S}_3\text{Se}$ crystals from reflection and transmission, and ellipsometric measurements, Physica B-Condensed Matter, 407, 2229-2233, 2012
<b>81</b>	M. Isik, N.M. Gasanly, Determination of optical parameters of $\text{Ga}_{0.75}\text{In}_{0.25}\text{Se}$ layered crystals, Crystal Research and Technology, 47, 530-534, 2012
<b>82</b>	M. Isik, S.S. Cetin, N.M. Gasanly, S. Ozcelik, Optical constants of layered structured $\text{Ga}_{0.75}\text{In}_{0.25}\text{Se}$ crystals from the ellipsometric measurements, Solid State Communications, 152, 791-793, 2012
<b>83</b>	M. Isik, N.M. Gasanly, Trapping center parameters in $\text{In}_6\text{S}_7$ crystals, Physica B-Condensed Matter, 406, 2650-2653, 2011
<b>84</b>	M. Isik, N.M. Gasanly, Thermally stimulated current measurements in undoped $\text{Ga}_3\text{InSe}_4$ single crystals, Journal of Physics and Chemistry of Solids, 72, 768-772, 2001
<b>85</b>	M. Isik, N.M. Gasanly, Trapping centers and their distribution in $\text{Tl}_2\text{Ga}_2\text{Se}_3\text{S}$ layered single crystals, Journal of Physics and Chemistry of Solids, 70, 1048-1053, 2009
<b>86</b>	M. Isik, N.M. Gasanly, H. Ozkan, Deep traps distribution in $\text{TlInS}_2$ layered crystals, Acta Physica Polonica A, 115, 732-737, 2009
<b>87</b>	M. Isik, K. Goksen, N.M. Gasanly, H. Ozkan, Trap distribution in $\text{TlInS}_2$ layered crystals from thermally stimulated current measurements, Journal of the Korean Physical Society, 52, 367-373, 2008

## PROJECTS

<b>1</b>	TÜBİTAK (MFAG-116F304), Project Coordinator, "Nadir Toprak Elementi (Gd, Yb, Er) Katkılı ZnO Nanokristallerinin Sentezlenmesi Ve Düşük Sıcaklık Termolüminesans Özelliklerinin İncelenmesi" 15.03.2017-15.03.2019
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## CITATIONS

Sum of times cited without self-citations (ISI Web of Science):	156
H-index (ISI Web of Science):	8

## COURSES GIVEN

<b>1</b>	General Physics I-Mechanics (PHYS101)
<b>2</b>	General Physics II-Electricity and Magnetism (PHYS102)
<b>3</b>	Mathematical Methods in Physics (PHYS503)
<b>4</b>	Physics of Semiconductor Devices (PHYS516)

## THESES SUPERVISED

<b>1</b>	Om-Alhana Habaibi, MS Thesis, Structural and Ellipsometric Properties of GaS(x)Se(1-x) Layered Mixed Crystals, 2017
<b>2</b>	Abeer Mami, MS Thesis, Photo-transferred Thermoluminescence Characteristics of Beta-Irradiated MgO Nanopowders, 2018
<b>3</b>	Nahed Emhemed, MS Thesis, Low Temperature Thermoluminescence Properties of Al-doped ZnO Nanoparticles, 2018