

## Res. Asst. PhD YEMLİHA ALTINTAS

### Personal Information

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### International Researcher IDs

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Publons / Web Of Science ResearcherID: ABE-7710-2021

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### Education Information

Doctorate, Erciyes University, Fen Bilimleri Enstitüsü, Fizik, Turkey 2011 - 2016

Postgraduate, Sakarya University, Institute Of Science, Fizik, Turkey 2009 - 2011

Masters (Non-Thesis), Balıkesir University, Institute Of Science, Fizik Eğitimi, Turkey 2003 - 2005

Undergraduate, Balıkesir University, Faculty Of Arts And Sciences, Fizik, Turkey 1999 - 2003

### Foreign Languages

English, C1 Advanced

### Certificates, Courses and Trainings

Education Management and Planning, Agilent Cary Eclipse Fluorescence Spectrophotometer cihazı kullanıcı sertifikası, SEM Lab. Cih. Paz. San. ve Tic. A.Ş., 2015

Education Management and Planning, FT-IR Teorik ve Aplikasyon Eğitimi, REDOKSLAB, 2014

Education Management and Planning, Scanning Electron Microscopy (SEM, EDX) kullanıcı sertifikası, Optronik-Zeis, 2013

Education Management and Planning, Spin Coater kullanıcı sertifikası, TERRALAB, 2013

Education Management and Planning, Quartz Crystal Microbalance cihazı kullanıcı sertifikası, TERRALAB, 2013

Education Management and Planning, Atomik Force Mikroscope (AFM) kullanıcı sertifikası, Nanomanyetik, 2013

### Dissertations

Doctorate, METALİK ALAŞIMLARIN KATI-SIVI ARAYÜZEY ENERJİLERİNİN DENEYSEL TESPİTİ , Erciyes Üniversitesi, Fen Bilimleri Enstitüsü, Fizik, 2016

Postgraduate, 2-Bromofenil Boronik Asit Molekülünün Spektroskopik ve Geometrik Özelliklerinin Teorik ve Deneysel Olarak İncelenmesi, Sakarya Üniversitesi, Fen Bilimleri Enstitüsü, Fizik, 2011

### Research Areas

Material science and engineering, Nanomaterials, Natural Sciences, Engineering and Technology

## Academic Titles / Tasks

Research Assistant PhD, Abdullah Gul University, Mühendislik Fakültesi, Nanoteknoloji Mühendisliği, 2013 - Continues  
Research Assistant, Erciyes University, Fen Fakültesi, Fizik , 2011 - 2013

## Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Magnetically controlled anisotropic light emission of DNA-functionalized supraparticles**  
ERDEM T., Zupkauskas M., O'Neill T., Cassiagli A., Xu P., ALTINTAS Y., MUTLUGÜN E., Eiser E.  
MRS BULLETIN, vol.47, no.11, pp.1084-1091, 2022 (SCI-Expanded)
- II. **Efficient generation of emissive many-body correlations in copper-doped colloidal quantum wells**  
Yu J., Sharma M., Li M., Liu B., Hernandez-Martinez P. L., Delikanli S., Sharma A., Altintas Y., Hettiarachchi C., Sum T. C., et al.  
CELL REPORTS PHYSICAL SCIENCE, vol.3, no.9, 2022 (SCI-Expanded)
- III. **Management of electroluminescence from silver-doped colloidal quantum well light-emitting diodes**  
Liu B., Sharma M., Yu J., Wang L., Shendre S., Sharma A., Izmir M., Delikanli S., Altintas Y., Dang C., et al.  
CELL REPORTS PHYSICAL SCIENCE, vol.3, no.5, 2022 (SCI-Expanded)
- IV. **Deep-Red-Emitting Colloidal Quantum Well Light-Emitting Diodes Enabled through a Complex Design of Core/Crown/Double Shell Heterostructure**  
Shabani F., Dehghanpour Baruj H., Yurdakul I., Delikanli S., Gheshlaghi N., Isik F., Liu B., Altintas Y., Canimkurbey B., Demir H. V.  
SMALL, vol.18, no.8, 2022 (SCI-Expanded)
- V. **Near-Field Energy Transfer into Silicon Inversely Proportional to Distance Using Quasi-2D Colloidal Quantum Well Donors**  
Humayun M. H., Hernandez-Martinez P. L., Gheshlaghi N., Erdem O., Altintas Y., Shabani F., DEMİR H. V.  
SMALL, vol.17, no.41, 2021 (SCI-Expanded)
- VI. **Low-Threshold Lasing from Copper-Doped CdSe Colloidal Quantum Wells**  
Yu J., Sharma M., Li M., Delikanli S., Sharma A., Taimoor M., Altintas Y., McBride J. R., Kusserow T., Sum T., et al.  
LASER & PHOTONICS REVIEWS, vol.15, no.6, 2021 (SCI-Expanded)
- VII. **Self-Resonant Microlasers of Colloidal Quantum Wells Constructed by Direct Deep Patterning**  
Gheshlaghi N., Foroutan-Barenji S., Erdem O., Altintas Y., Shabani F., Humayun M. H., DEMİR H. V.  
NANO LETTERS, vol.21, no.11, pp.4598-4605, 2021 (SCI-Expanded)
- VIII. **Single-Mode Lasing from a Single 7 nm Thick Monolayer of Colloidal Quantum Wells in a Monolithic Microcavity**  
Foroutan-Barenji S., Erdem O., Delikanli S., Yagci H. B., Gheshlaghi N., Altintas Y., DEMİR H. V.  
LASER & PHOTONICS REVIEWS, vol.15, no.4, 2021 (SCI-Expanded)
- IX. **Optical Gain in Ultrathin Self-Assembled Bi-Layers of Colloidal Quantum Wells Enabled by the Mode Confinement in their High-Index Dielectric Waveguides**  
Foroutan-Barenji S., Erdem O., Gheshlaghi N., Altintas Y., DEMİR H. V.  
SMALL, vol.16, no.45, 2020 (SCI-Expanded)
- X. **Thickness-Tunable Self-Assembled Colloidal Nanoplatelet Films Enable Ultrathin Optical Gain Media**  
Erdem O., Foroutan S., Gheshlaghi N., Guzelurk B., Altintas Y., DEMİR H. V.  
NANO LETTERS, vol.20, no.9, pp.6459-6465, 2020 (SCI-Expanded)
- XI. **Spectrally Wide-Range-Tunable, Efficient, and Bright Colloidal Light-Emitting Diodes of Quasi-2D Nanoplatelets Enabled by Engineered Alloyed Heterostructures**  
Altintas Y., Liu B., Hernandez-Martinez P. L., Gheshlaghi N., Shabani F., Sharma M., Wang L., Sun H., Mutlugun E., Demir H. V.  
CHEMISTRY OF MATERIALS, vol.32, no.18, pp.7874-7883, 2020 (SCI-Expanded)
- XII. **Record High External Quantum Efficiency of 19.2% Achieved in Light-Emitting Diodes of Colloidal Quantum Wells Enabled by Hot-Injection Shell Growth**  
Liu B., Altintas Y., Wang L., Shendre S., Sharma M., Sun H., Mutlugun E., Demir H. V.

ADVANCED MATERIALS, vol.32, no.8, 2020 (SCI-Expanded)

- XIII. **Transparent Films Made of Highly Scattering Particles**  
Erdem T., Yang L., Xu P., ALTINTAS Y., O'Neil T., Caciagli A., Ducati C., MUTLUGÜN E., Scherman O. A., Eiser E.  
LANGMUIR, vol.36, no.4, pp.911-918, 2020 (SCI-Expanded)
- XIV. **Writing chemical patterns using electrospun fibers as nanoscale inkpots for directed assembly of colloidal nanocrystals**  
KİREMİTLER N. B., TÖRÜN İ., ALTINTAS Y., Patarroyo J., Demir H. V., Puntos V. F., Mutlugun E., ÖNSES M. S.  
NANOSCALE, vol.12, no.2, pp.895-903, 2020 (SCI-Expanded)
- XV. **Improving performance and stability in quantum dot-sensitized solar cell through single layer graphene/Cu<sub>2</sub>S nanocomposite counter electrode**  
Akman E., ALTINTAS Y., Gulen M., Yilmaz M., MUTLUGÜN E., Sonmezoglu S.  
RENEWABLE ENERGY, vol.145, pp.2192-2200, 2020 (SCI-Expanded)
- XVI. **Multiplexed patterning of cesium lead halide perovskite nanocrystals by additive jet printing for efficient white light generation**  
ALTINTAS Y., TÖRÜN İ., YAZICI A. F., Beskazak E., ERDEM T., ÖNSES M. S., MUTLUGÜN E.  
CHEMICAL ENGINEERING JOURNAL, vol.380, 2020 (SCI-Expanded)
- XVII. **Giant Alloyed Hot Injection Shells Enable Ultralow Optical Gain Threshold in Colloidal Quantum Wells**  
Altintas Y., Gungor K., Gao Y., Sak M., Quliyeva U., Bappi G., Mutlugun E., Sargent E. H., Demir H. V.  
ACS NANO, vol.13, no.9, pp.10662-10670, 2019 (SCI-Expanded)
- XVIII. **Cesium-lead based inorganic perovskite quantum-dots as interfacial layer for highly stable perovskite solar cells with exceeding 21% efficiency**  
Akin S., ALTINTAS Y., MUTLUGÜN E., Sonmezoglu S.  
NANO ENERGY, vol.60, pp.557-566, 2019 (SCI-Expanded)
- XIX. **Effect of Sn contents on thermodynamic, microstructure and mechanical properties in the Zn<sub>90</sub>-Bi<sub>10</sub> and Bi<sub>88</sub>-Zn<sub>12</sub> based ternary alloys**  
Esener P. A., ALTINTAS Y., Bayram Ü., ÖZTÜRK E., MARAŞLI N., Aksöz S.  
Journal of Materials Science: Materials in Electronics, vol.30, no.4, pp.3678-3691, 2019 (SCI-Expanded)
- XX. **Highly Stable, Near-Unity Efficiency Atomically Flat Semiconductor Nanocrystals of CdSe/ZnS Hetero-Nanoplatelets Enabled by ZnS-Shell Hot-Injection Growth**  
Altintas Y., Quliyeva U., Gungor K., Erdem O., Kelestemur Y., Mutlugun E., KOVALENKO M. V., Demir H. V.  
SMALL, vol.15, no.8, 2019 (SCI-Expanded)
- XXI. **FRET enabled light harvesting within quantum dot loaded nanofibers**  
ALTINTAS Y., KİREMİTLER N. B., GENÇ S., ÖNSES M. S., MUTLUGÜN E.  
JOURNAL OF PHYSICS D-APPLIED PHYSICS, vol.51, no.6, 2018 (SCI-Expanded)
- XXII. **Cd-free quantum dot pellets for efficient white light generation**  
ALTINTAS Y., TALPUR M. Y., MUTLUGÜN E.  
OPTICS EXPRESS, vol.25, no.23, pp.28371-28384, 2017 (SCI-Expanded)
- XXIII. **Excitonic interaction amongst InP/ZnS salt pellets**  
ALTINTAS Y., YAZICI A. F., ÜNLÜ M., DADI Ş., GENÇ S., MUTLUGÜN E.  
JOURNAL OF MATERIALS CHEMISTRY C, vol.5, no.29, pp.7328-7336, 2017 (SCI-Expanded)
- XXIV. **Efficient Forster Resonance Energy Transfer Donors of In(Zn)P/ZnS Quantum Dots**  
ALTINTAS Y., TALPUR M. Y., MUTLUGÜN E.  
JOURNAL OF PHYSICAL CHEMISTRY C, vol.121, no.5, pp.3034-3043, 2017 (SCI-Expanded)
- XXV. **The effect of ligand chain length on the optical properties of alloyed core-shell InPZnS/ZnS quantum dots**  
ALTINTAS Y., TALPUR M. Y., MUTLUGÜN E.  
Journal of Alloys and Compounds, vol.711, pp.335-341, 2017 (SCI-Expanded)
- XXVI. **Experimental measurements of some thermophysical properties of solid CdSb intermetallic in the Sn-Cd-Sb ternary alloy**  
ÖZTÜRK E., Aksöz S., ALTINTAS Y., Keşlioğlu K., MARAŞLI N.  
Journal of Thermal Analysis and Calorimetry, vol.126, no.3, pp.1059-1065, 2016 (SCI-Expanded)

- XXVII. **CdSe/ZnS quantum dot films for high performance flexible lighting and display applications**  
ALTINTAS Y., GENÇ S., Talpur M. Y., MUTLUGÜN E.  
NANOTECHNOLOGY, vol.27, no.29, 2016 (SCI-Expanded)
- XXVIII. **CdSe/ZnS quantum dot films for high performance flexible lighting and display applications.**  
ALTINTAS Y., GENÇ S., TALPUR M. Y., MUTLUGÜN E.  
NANOTECHNOLOGY, pp.295604-295612, 2016 (SCI-Expanded)
- XXIX. **The experimental determination of thermophysical properties of intermetallic CuAl<sub>2</sub> phase in equilibrium with (Al plus Cu plus Si) liquid**  
Altintas Y., Aksoz S., Keslioglu K., MARAŞLI N.  
JOURNAL OF CHEMICAL THERMODYNAMICS, vol.97, pp.235-241, 2016 (SCI-Expanded)
- XXX. **Highly Efficient Cd-Free Alloyed Core/Shell Quantum Dots with Optimized Precursor Concentrations**  
ALTINTAS Y., TALPUR M. Y., ÜNLÜ M., MUTLUGÜN E.  
JOURNAL OF PHYSICAL CHEMISTRY C, vol.120, no.14, pp.7885-7892, 2016 (SCI-Expanded)
- XXXI. **The measurements of electrical and thermal conductivity variations with temperature and phonon component of the thermal conductivity in Sn-Cd-Sb, Sn-In-Cu, Sn-Ag-Bi and Sn-Bi-Zn alloys**  
ALTINTAS Y., Kaygisiz Y., ÖZTÜRK E., Aksoz S., Keslioglu K., MARAŞLI N.  
INTERNATIONAL JOURNAL OF THERMAL SCIENCES, vol.100, pp.1-9, 2016 (SCI-Expanded)
- XXXII. **Trans-cis isomerization assisted synthesis of solution-processable yellow fluorescent maleic anhydrides for white-light generation**  
Özdemir M., GENÇ S., ÖZDEMİR R., ALTINTAS Y., Citir M., Sen U., MUTLUGÜN E., USTA H.  
SYNTHETIC METALS, vol.210, pp.192-200, 2015 (SCI-Expanded)
- XXXIII. **Determination of thermodynamic properties of aluminum based binary and ternary alloys**  
Altintas Y., Aksoz S., Keslioglu K., MARAŞLI N.  
JOURNAL OF ALLOYS AND COMPOUNDS, vol.649, pp.453-460, 2015 (SCI-Expanded)
- XXXIV. **Thermal conductivity and interfacial energy of solid Bi in the Bi-Ag eutectic system**  
Altintas Y., ÖZTÜRK E., Aksoz S., Keslioglu K., MARAŞLI N.  
JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY, vol.122, no.1, pp.65-72, 2015 (SCI-Expanded)
- XXXV. **The Experimental Determination of Interfacial Energies for Solid Zn in Equilibrium with Zn-Al-Sb Liquid**  
Altintas Y., ÖZTÜRK E., Aksoz S., Keslioglu K., MARAŞLI N.  
METALLURGICAL AND MATERIALS TRANSACTIONS B-PROCESS METALLURGY AND MATERIALS PROCESSING SCIENCE, vol.46, no.5, pp.2084-2095, 2015 (SCI-Expanded)
- XXXVI. **Solid-liquid interfacial energy of solid succinonitrile in equilibrium with succinonitrile-1,4-diiodobenzene eutectic liquid**  
Ersoy S. B., ALTINTAS Y., Karadag S. B., Aksoz S., Keslioglu K., MARAŞLI N.  
JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY, vol.119, no.3, pp.1867-1874, 2015 (SCI-Expanded)
- XXXVII. **Experimental determination of interfacial energies for solid Sn in equilibrium with Sn-Mg-Zn liquid**  
ALTINTAS Y., ÖZTÜRK E., Aksoz S., Keslioglu K., Marasli N.  
METALS AND MATERIALS INTERNATIONAL, vol.21, no.2, pp.286-294, 2015 (SCI-Expanded)
- XXXVIII. **Solid-liquid interfacial energy of solid succinonitrile solution in equilibrium with succinonitrile-neopentylglycol eutectic liquid**  
Karadag S. B., Altintas Y., ÖZTÜRK E., Aksoz S., Keslioglu K., MARAŞLI N.  
JOURNAL OF CRYSTAL GROWTH, vol.380, pp.209-217, 2013 (SCI-Expanded)

## Articles Published in Other Journals

- I. **Solid-State Encapsulation and Color Tuning in Films of Cesium Lead Halide Perovskite Nanocrystals for White Light Generation**  
Torun I., Altintas Y., Yazıcı A. F., Mutlugün E., Önses M. S.  
ACS APPLIED NANO MATERIALS, vol.2, pp.1185-1193, 2019 (ESCI)

**II. Plasmon Enhanced Emission of Perovskite Quantum Dot Films**

DADI Ş., ALTINTAS Y., Beskazak E., MUTLUGÜN E.

MRS ADVANCES, vol.3, no.14, pp.733-739, 2018 (ESCI)

**Refereed Congress / Symposium Publications in Proceedings**

- I. **Effect of ionic liquids on Cu<sub>2</sub>S counter electrode-based quantum dot-sensitized solarcells**  
TEKİN B., ALTINTAS Y., GÜLEN M., AKMAN E., MUTLUGÜN E., SÖNMEZOĞLU S.  
International Conference on Photovoltaic Science and Technologies(PVCON), 4 - 06 July 2018
- II. **The Effect of Tetraethylorthosilicate on the Performance of CdSe/ZnS Core-shell Quantum Dots Sensitized Solar Cells (QDSSC)**  
AKMAN E., ALTINTAS Y., GÜLEN M., TEKİN B., UZUNER B. E., ARSLAN H., MUTLUGÜN E., SÖNMEZOĞLU S.  
The International Conference on Materials Science, Machine and Automotive Engineerings and Technology, 10 - 12 April 2018
- III. **Arrays of multi-color emitting cesium lead halide perovskite nanocrystals and efficient white light generation by tailored anion exchange reactions and electrohydrodynamic jet printing**  
ALTINTAS Y., TÖRÜN İ., YAZICI A. F., Beskazak E., ÖNSES M. S., MUTLUGÜN E.  
Solid-State Lighting, SSL 2018, Singapore, Singapore, 5 - 08 November 2018
- IV. **Plasmon Enhanced Emission of Perovskite Quantum Dot Films**  
MUTLUGÜN E., DADI Ş., ALTINTAS Y., BEŞKAZAK E.  
2017 MRS Fall Meeting, 26 November - 01 December 2017
- V. **Optical Properties of High Quality Cd-free CuInS, CuInGaS and ZnAgInS Quantum Dots**  
ALTINTAS Y., MUTLUGÜN E.  
33. International Physics Congress, Muğla, Turkey, 6 - 10 September 2017, pp.180
- VI. **Synthesis and Characterization of High Quality Red Emitting CsPbBr<sub>3</sub>I<sub>3-x</sub> Perovskite QDs**  
ALTINTAS Y., Beskazak E., MUTLUGÜN E.  
33. International Physics Congress, Muğla, Turkey, 6 - 10 September 2017, pp.187
- VII. **Quantum Dot Integrated Nanofibers for White LEDs**  
MUTLUGÜN E., ALTINTAS Y., KİREMİTLER N. B., GENÇ S., ÖNSES M. S.  
Materials Research Society, MRS 2017 Spring Meeting, Arizona, United States Of America, 17 - 21 April 2017
- VIII. **Saturated Energy Transfer among InP/ZnS Quantum Dot Solids**  
ALTINTAS Y., MUTLUGÜN E.  
MRS 2017 Spring Meeting, Phoenix, United States Of America, 17 - 21 April 2017
- IX. **Polymeric Nanocrystal Sheets for Efficient Lighting and Display Applications**  
MUTLUGÜN E., ALTINTAS Y., GENÇ S., TALPUR M. Y.  
Materials Research Society, MRS 2016 Fall Meeting, Boston, United States Of America, 27 November - 02 December 2016
- X. **Nanocrystal Sheets for Efficient Lighting and Display Applications**  
ALTINTAS Y., GENÇ S., Talpur M. Y., MUTLUGÜN E.  
Materials Research Society Fall Meeting, 27 November - 02 December 2016
- XI. **InP/ZnS Based Nanocrystal Sheets For Biolabeling Applications**  
ÜNLÜ M., ALTINTAS Y., MUTLUGÜN E.  
3st International NANOSCIENCE & NANOTECHNOLOGY FOR NEXT GENERATION (NaNoNG 2016), Antalya, Turkey, 20 October - 22 November 2016, pp.29
- XII. **THE EFFECT OF ZN PRECURSOR ON THE ACHIEVEMENT OF HIGHLY EFFICIENT ECO-FRIENDLY COLLOIDAL SEMICONDUCTOR QUANTUM DOTS**  
ALTINTAS Y., TALPUR M. Y., MUTLUGÜN E.  
32. International Physics Congress, Muğla, Turkey, 6 - 09 September 2016, pp.82
- XIII. **THERMAL CONDUCTIVITY AND SOLID-LIQUID INTERFACIAL ENERGY OF SOLID Al AND SOLID Si PHASES IN Al-Mg-Si EUTECTIC TERNARY ALLOY SYSTEM**

- ALTINTAS Y., Ozturk E., Aksöz S., Keşlioğlu K., Maraşlı N.  
32. International Physics Congress, Muğla, Turkey, 6 - 09 September 2016, pp.81
- XIV. **DETERMINATION OF THERMAL CONDUCTIVITY OF UNIDIRECTIONAL SOLIDIFIED Sn-Bi-In-Zn ALTERNATIVE LEAD-FREE SOLDER ALLOY SYSTEM'S DIFFERENT COMPOSITIONS**  
A. Esener P., Aksöz S., Öztürk E., ALTINTAS Y., Keşlioğlu K., Maraşlı N.  
32. International Physics Congress, Muğla, Turkey, 6 - 09 September 2016, pp.83
- XV. **SOLID-LIQUID INTERFACIAL ENERGY OF SOLID SUCCINONITRILE IN EQUILIBRIUM WITH SUCCINONITRILE-AMINO-METHYL-PROPANEDIOL EUTECTIC LIQUID**  
ALTINTAS Y., Ersoy Ş. B., Aksöz S., Keşlioğlu K., Maraşlı N.  
32. International Physics Congress, Muğla, Turkey, 6 - 09 September 2016, pp.95
- XVI. **EFFECTS OF Bi AND Zn ELEMENTS MICROSTRUCTURES AND THERMAL CONDUCTIVITY OF Sn-BI-ZN SOLDER**  
A. Esener P., ALTINTAS Y., Bayram Ü., Aksöz S., Keşlioğlu K., Maraşlı N.  
32. International Physics Congress, Muğla, Turkey, 6 - 09 September 2016, pp.82
- XVII. **Overcoating Alloyed InPZnS Quantum Dots for Record High Quantum Efficiency and Narrow Size Distribution Through Optimized Precursor Concentration**  
MUTLUGÜN E., ALTINTAS Y., Talpur M. Y., ÜNLÜ M.  
Materials Research Society- MRS 2015 Fall Meeting, Boston, United States Of America, 29 November - 04 December 2015
- XVIII. **Color tunable highly efficient Cd-free quantum dots utilized by core growth temperature effect**  
ALTINTAS Y., Talpur M. Y., MUTLUGÜN E.  
International Conference on Nanoscience and Nanotechnology for Next Generation NANONG2015, Antalya, Turkey, 29 - 31 October 2015, pp.35
- XIX. **The measurements of electrical and thermal conductivity variations with temperature and phonon component of the thermal conductivity in the In-Bi intermetallic alloys**  
Aksoz S., ATA P., Bayram Ü., ALTINTAS Y., Ozturk E., Keslioglu K., Marasli N.  
9th International Physics Conference of the Balkan Physical Union – BPU9, İstanbul, Turkey, 24 - 27 August 2015, pp.142
- XX. **Thermal conductivity of Sn-based ternary solders**  
ALTINTAS Y., Ozturk E., Aksoz S., Keslioglu K., Marasli N.  
31. Uluslararası Fizik Kongresi, Muğla, Turkey, 21 - 24 July 2014, pp.78
- XXI. **Solid-liquid interfacial energy of solid amino-methyl-propanediol solution in equilibrium with amino-methyl-propanediol-(D) camphor eutectic liquid**  
ALTINTAS Y., Ersoy Ş. B., Karadağ S. B., Aksöz S., Keslioglu K., Marasli N.  
31. Uluslararası Fizik Kongresi, Muğla, Turkey, 21 - 24 July 2014, pp.338
- XXII. **Determination of solid-liquid interfacial energy for organic compound**  
Ersoy Ş. B., ALTINTAS Y., Karadağ S. B., Aksöz S., Keşlioğlu K., Maraşlı N.  
31. Uluslararası Fizik Kongresi, Muğla, Turkey, 21 - 24 July 2014, pp.88
- XXIII. **Solid-liquid interfacial energy of solid neopentylglycol solution in equilibrium with succinonitrile-neopentylglycol eutectic liquid**  
ALTINTAS Y., Karadağ S. B., Öztürk E., Aksöz S., Keşlioğlu K., Maraşlı N.  
30. Uluslararası Fizik Kongresi, İstanbul, Turkey, 2 - 05 September 2013, pp.92

## Supported Projects

MUTLUGÜN E., ALTINTAS Y., Project Supported by Higher Education Institutions, "OPTOELEKTRONİK AYGITLAR İÇİN YARIİLETKEN KOLLOİDAL KUANTUM NOKTALARI VE KUANTUM KUYULARININ SENTEZİ VE KARAKTERİZASYONU", 2017 - 2019

MUTLUGÜN E., ALTINTAS Y., Project Supported by Higher Education Institutions, Yarıiletken kuantum noktacık-perovskit güneş hücreleri, 2015 - 2019

## Memberships / Tasks in Scientific Organizations

Materials Research Society (MRS), Member, 2015 - 2016

## Metrics

Publication: 63

Citation (WoS): 818

Citation (Scopus): 827

H-Index (WoS): 16

H-Index (Scopus): 16

## Congress and Symposium Activities

33. International Physics Congress, Attendee, Muğla, Turkey, 2017

14th EUROPEAN SHORT COURSE on PRINCIPLES & APPLICATIONS of TIME RESOLVED FLUORESCENCE SPECTROSCOPY, Attendee, Berlin, Germany, 2016

32. International Physics Congress, Attendee, Muğla, Turkey, 2016

Lectures of International Summer School and Workshop on Photovoltaic Science and Technology, Attendee, Ankara, Turkey, 2016

Materials Research Society- MRS 2015 Fall Meeting, Attendee, Massachusetts, United States Of America, 2015

9th International Physics Conference of the Balkan Physical Union – BPU9, Attendee, İstanbul, Turkey, 2015

Nanotechnology for Development of Advanced Solar and Energy Devices, Attendee, Ankara, Turkey, 2014

31. Uluslararası Fizik Kongresi, Attendee, Bodrum/Muğla, Turkey, 2014

21. İSTATİSTİKSEL FİZİK GÜNLERİ, Attendee, Kayseri, Turkey, 2014

30. Uluslararası Fizik Kongresi, Attendee, İstanbul, Turkey, 2013

Advanced Materials World Congress, Attendee, İzmir, Turkey, 2013

20. İSTATİSTİKSEL FİZİK GÜNLERİ, Attendee, Kayseri, Turkey, 2013

## Scholarships

2211-C YURT İÇİ ÖNCELİKLİ ALANLARA YÖNELİK DOKTORA TEŞVİK BURSUSU, TUBITAK, 2013 - 2016

## Awards

ALTINTAS Y., En iyi 2. Poster Ödülü: Runner up, Nanoday 2018, May 2018

ALTINTAS Y., Fizik Bölüm Birinciliği, Balıkesir Üniversitesi Fen-Edebiyat Fakültesi Dekanlığı, June 2003