

# CURRICULUM VITAE

## 1. Personal Information

<b>Edit Date</b>	01.09.2017		
<b>Name/Surname (Academic title)</b>	Bahadir BOYACIOGLU, <i>Prof.Dr.</i>		
<b>Address</b>	Ankara University, Vocational School of Health Services, Kecioren Campus, Fatih Street, 197/A, 06290-Kecioren, ANKARA		
<b>Phone</b>	+90 312 357 3242	<b>Fax:</b>	+90 312 380 4868
<b>E-mail</b>	bboyacioglu@ankara.edu.tr		
<b>Languages</b>	Turkish (Native), English		
<b>Computer</b>	Fortran, Mathematica, MS Office, Scientific Work Place, Web Design, Gaussian09, Gausview5		
<b>Current Research Interests</b>	Theoretical Condensed Matter Physics, electron-phonon and electron-electron interactions in low dimensional systems, Integer and Fractional Quantum Hall Effects, Quantum Mechanical properties of Molecular Structure.		

## 2. Education Degrees

Period	Degree	University	Department
1996-2001	Ph.D.	Ankara University	Condensed Matter Physics
1993-1996	M.Sc.	Ankara University	Condensed Matter Physics
1987-1992	B.Sc.	Ankara University	Physics

## 3. Academic Degrees and Professional Experiences:

Period	Academic Title	University	Department
2014-.....	Prof. Dr.	Ankara University	Vocational School of Health Services
2009-2014	Assoc. Prof. Dr.	Ankara University	Vocational School of Health Services
2001-2009	Instructor	Ankara University	Vocational School of Health Services
1994-2001	Research Assistant	Ankara University	Physics

## 4. Administrative Functions:

Elmadag Vocational School, Ankara University ( Member of Board, 2015-.....)  
GAMA Vocational School, Ankara University ( Member of Board, 2011-.....)  
Nallihan Vocational School, Ankara University (*Vice Director*, 2013-2015)  
Vocational School of Health Services, Ankara University (*Vice Director*, 2008-2013)

## 5. Projects

- “The upgrade of High-Performance Computing System to investigate the Synthesis and Characterization of Amine showing Molecular Docking, Molecular and Electronic Structures with Spectroscopic and Nonlinear Optical Properties by the Experimental and Theoretical Methods” Ankara University, Scientific Research Projects, 16H0504001, Researcher, 2016.
- “Synthesis of Colorimetric Anion Sensing Fluoro Salicylidene Anilin Ligands and Their Metal Complexes, Investigation of Molecular Structures, Spectroscopic, Nonlinear Optical Properties and Electronic Structures by the Experimental and Quantum Mechanical Methods” TUBİTAK Project, 115F253, Researcher, 2015.
- “The upgrade of High-Performance Computing System to calculate the Quatum Mechanical Properties of Molecular Systems including acceptor-donor groups” Ankara University, Scientific Research Projects, 15H0506001, Project Coordinator, 2015.
- “The setup of High-Performance Computing System to calculate of Physical and Chemical Properties of Molecular System” Ankara University, Scientific Research Projects, 14H0430005, Researcher, 2014.

## 6. Coordinatorships:

Erasmus International Exchange Programme: *Vice Coordinator*, Ankara University, Vocational School of Health Services (2013)  
Orientation Programme: Ankara University, Vocational School of Health Services (2009-2013)  
Farabi National Exchange Programme: Ankara University, Vocational School of Health Services (2008-2013)

## 7. Consulting

Radiotherapy Programme: Ankara University, Vocational School of Health Services (2001-.....)  
Medical Imaging Techniques Programme: Ankara University, Vocational School of Health (2001-2009)

## 8. Refereeship

- *Quantum Information Processing*
- *Physica E: Low-dimensional Systems and Nanostructures*
- *Journal of Radiation Research and Applied Sciences*
- *International Journal of Modern Physics B*
- *International Journal of Theoretical Physics*
- *Central European Journal of Physics*
- *Süleyman Demirel Üniversitesi Fen Bilimleri Enstitüsü Dergisi*

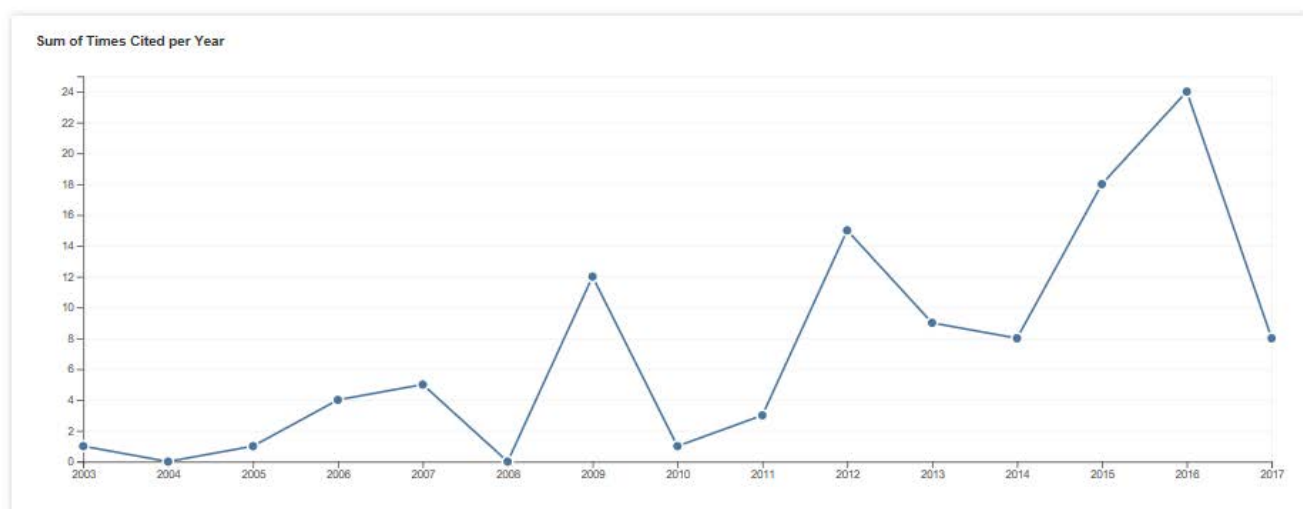
## 9. Editorship

The Member of Academic Editor : Physical Review and Research International (2013-.....)  
The Member of Editorial Board : American Journal of Modern Physics (2013-.....)  
American Journal of Physics and Applications (2014-.....)  
American Journal of Nano Research and Application (2014-.....)  
Vice Editor : Ankara Journal of Health Services (2008-2014)

## 10. Given Courses

1	2016-2017	FALL	<b>Basic Physics</b> (Undergraduate - Department of Child Development, Faculty of Health Sciences)
2			<b>Physics</b> (Associate Degree-The programs of Medical Imaging Techniques, Audiometry, Radiotherapy, Anesthesia, Orthopedic Prosthetics and Orthotics, Oral and Dental Health )
			<b>Cyristal Physics</b> (Undergraduate - Department of Physics)
			<b>Advanced Solid State Physics I</b> (Graduate - Department of Physics)
4		SPRING	<b>Mechanical Physics</b> (Associate Degree - Orthopedic Prosthetics and Orthotics)
5			<b>Acoustical Physics</b> (Associate Degree- Audiometry)
6			<b>Radiation Physics</b> (Associate Degree - Medical Imaging Techniques and Radiotherapy)
7			<b>Physics</b> (Associate Degree - Medical Laboratory Techniques)
	<b>Solid State Physics II</b> (Undergraduate course, Department of Physics)		
	<b>Advanced Solid State Physics II</b> (Graduate - Department of Physics)		

## 11. Citation Report



Web of Science, Last updated:01/09/2017

# LIST OF PUBLICATIONS

## A. LIST OF PUBLICATIONS (SCI AND SCI-EXPANDED)

1. Hüseyin Ünver, **Bahadır Boyacıoğlu**, Celal Tuğrul Zeyrek, Devrim Yolal, Mustafa Yıldız, Nuray Yıldırım, Neslihan Demir, Aşkın Kiraz, Ayhan Elmali  
*Experimental, DFT Calculation, Biological Activity, Anion Sensing Application Studies and Crystal Structure of A New Schiff Base (E)-4-[(pyridin-3-ylimino)methyl]benzene-1,3-diol*  
Journal of Chemical Crystallography (2017) (Accepted)

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2. Celal Tuğrul Zeyrek, **Bahadır Boyacıoğlu**, Özlem Temiz-Arpacı, Hüseyin Ünver and Ayhan Elmali  
*Spectroscopic, quantum mechanical and molecular docking studies of a new benzoxazole compound with an oxidoreductase enzyme and DNA*  
Journal of Molecular Structure 1136 (2017) 112-126

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3. Celal Tuğrul Zeyrek, **Bahadır Boyacıoğlu**, and Hüseyin Ünver  
*Density Functional Modelling Studies of Chloride-Substituted Schiff bases as Corrosion Inhibitors: Optimized Geometries, Atomic Charges, Solvent and Non-linear Optical Effects*  
Protection of Metals and Physical Chemistry of Surfaces, 2017, Vol. 53, No. 1, pp. 159–176.

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4. Ziya Sağlam, Gokhan Şahin and **Bahadır Boyacıoğlu**  
*Compton effect in terms of spintronic*  
Results in Physics 6 (2016) 726–727

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5. Zeyrek, C.T.; **Boyacıoğlu, B.**; Yıldız, M.; Ünver, H.; Yolal, D.; Demir, N.; Elmali, A.; Tadesse, S; Aslan, K  
*Synthesis, Characterization, and Evaluation of (E)-methyl 2-((2-oxonaphthalen-1(2H)-ylidene)methylamino)acetate as a Biological Agent and an Anion Sensor*  
Bioorganic & Medicinal Chemistry, 24,(2016) 5592-5601

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6. Aalu Boda, **Bahadır Boyacıoğlu**, Ugur Erkaslan and Ashok Chatterjee  
*Effect of Rashba Spin-orbit coupling on the electronic, thermodynamic, magnetic and transport properties of GaAs, InAs and InSb quantum dots with Gaussian confinement*  
Physica B: Condensed Matter, **498** (2016) 43-48

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7. Hüseyin Ünver, **Bahadır Boyacıoğlu**, Celal Tuğrul Zeyrek, Mustafa Yıldız, Neslihan Demir, Nuray Yıldırım, Oğuzhan Karaosmanoğlu, Hülya Sivas, Ayhan Elmali  
*Synthesis, spectral and quantum chemical studies and use of (E)-3-[(3,5-bis(trifluoromethyl)phenylimino)methyl]benzene-1,2-diol and its Ni(II) and Cu(II) complexes as an anion sensor, DNA binding, DNA cleavage, anti-microbial, anti-mutagenic and anti-cancer agent*  
Journal of Molecular Structure **1125** (2016) 162–176

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8. Ziya Sağlam, **Bahadır Boyacıoğlu**, S. Burcin Bayram, Ashok Chatterjee  
*Quantum flux associated with a photon on the basis of the Heisenberg uncertainty relation*  
Results in Physics **6** (2016) 215–216

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9. M. Yıldız , O. Karpuz, C. T. Zeyrek, **B. Boyacıoğlu**, H. Dal, N. Demir, N. Yıldırım, H. Ünver  
*Synthesis, biological activity, DNA binding and anion sensors, molecular structure and quantum chemical studies of a novel bidentate Schiff base derived from 3,5-bis(trifluoromethyl)aniline and salicylaldehyde*  
Journal of Molecular Structure **1094** (2015) 148–160

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10. A. Boda, **B. Boyacıoğlu** and A. Chatterjee ,  
*Ground state properties of a two-electron system in a three-dimensional GaAs quantum dot with Gaussian confinement in a magnetic field*  
Journal of Applied Physics **114**, 044311 (2013)

11. **B. Boyacioglu** and A. Chatterjee  
*Heat capacity and entropy of a GaAs quantum dots with gaussian confinement*  
Journal of Applied Physics **112**, 083514 (2012).

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12. **B. Boyacioglu** and A. Chatterjee  
*Dia- and paramagnetism and total susceptibility of GaAs quantum dots with gaussian confinement*  
Physica E **44**, 1826-1831 (2012).

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13. **B. Boyacioglu** and A. Chatterjee  
*Persistent current through a semiconductor quantum dot with gaussian confinement*  
Physica B **407**, 3535-3538 (2012).

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14. **B. Boyacioglu** and A. Chatterjee  
*Magnetic properties of semiconductor quantum dots with gaussian confinement*  
Int. J. of Mod. Phys. B **26**, 1250018 (12 pages) (2012).

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15. S.Yanar, A. Sevim, **B. Boyacioglu**, M. Saglam, S. Mukhopadhyaya, A. Chatterjee  
*Polaronic effects in a Gaussian quantum dot*  
Superlattices and Microstructures **43**, 208–239 (2008)

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16. S. Mukhopadhyaya, **B. Boyacioglu**, M. Saglam and A. Chatterjee,  
*Quantum size effect on the phonon-induced Zeeman splitting in a GaAs quantum dot with gaussian and parabolic confining potentials*  
Physica E **40**, 2776–2782 (2008)

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17. **B. Boyacioglu**, M. Saglam and A. Chatterjee  
*Two-electron singlet states in semiconductor quantum dots with Gaussian confinement: A singleparameter variational calculation*  
J. Phys.: Condens. Matter **19**, 1-18 (2007) 456217

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18. M. Saglam, **B. Boyacioglu**, and Z. Saglam  
*Spin-Flip investigation of the 1s-2p and 2p-3d transitions in Dirac Hydrogen atom in terms of the flux-quantization argument*  
Journal of Russian Laser Research, Vol. **28**, No.4, 377-382 (2007)

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19. R. Tagiyeva , M. Saglam and **B. Boyacioglu**  
*Dispersion relation for surface localized Magnetic Polaritons and Magnetostatic waves in antiferromagnetic superlattices*  
Journal of Physics and Chemistry of Solids, **68**, 1296-1304 (2007)

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20. M. Saglam, **B. Boyacioglu**, Z. Saglam and K. K. Wan  
*Quantized Magnetic Flux Through The Excited State Orbit of Hydrogen Atom*  
Journal of Russian Laser Research, Vol. **28**, No.3, 267-271 (2007).

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21. R.Tagiyeva , M. Saglam and **B. Boyacioglu**  
*Effective Medium Approach for Surface Localized Magnetic Polaritons in Magnetic (Ferromagnetic and Anti-Ferromagnetic) Superlattices*  
Superlattices and Microstructures, **41**, 237-247(2007)

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22. Z. Saglam and **B. Boyacioglu**  
*Magnetic Flux Through The Ground State Orbit of Hydrogen Atom*  
Journal of Russian Laser Research, Vol. **28**, 142-147 (2007)

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23. M. Saglam, and **B. Boyacioglu**  
*The Absence of the Decimal g-Factor*  
Phys. Stat. Sol. (b), **230**, 133-142 (2002).

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24. Saglam, M. and **B. Boyacioglu**  
*Calculation of the Flux Associated with the Electron's Spin on the Basis of The Magnetic Top Model*  
Int. J. of Mod. Phys. B., Vol. **16**, 607-614 (2002).

#### **B. LIST OF PUBLICATIONS (OTHER INDICES)**

1. M. Saglam, **B. Boyacioglu** and Z. Saglam  
*Spin-dependent selection rules for dipole transitions*  
Concepts of Physics, Vol. **3**, 181-189 (2006)

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2. M. Saglam and B. Boyacioglu  
Magnetic Field Dependence of the Magnetic Length for Localized Electrons in QHE  
Proceedings of the 10th Conference on Hopping and Related Phenomena , Trieste, Italy  
Phys. Stat. Sol (c), 1,140 (2004 )

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3. Z. Merdan, **B. Boyacioglu**, A. Günen and Z. Saglam  
*The simulation of the four-dimensional Ising model on the Creutz Cellular Automaton*  
Bulletin of Pure & Applied Sciences Sec-D, Vol. **22** No:2, 95-100 (2003).

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4. M. Saglam and **B. Boyacioglu**  
*Generalization of the Flux Quantization to Hydrogen Atom*  
J. of Appl. Sci. Vol. **2**(2): 129-132, 2002

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5. H. Gur, **B. Boyacioglu**, and M. Saglam  
*About The Radius of Electron Times Velocity of Light  $r_e c$*   
J. of Appl. Sci. Vol. **2**(7): 733-734, 2002.

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#### **c. International Presentations:**

1. Hüseyin Ünver, Bahadır Boyacıoğlu, Mustafa Yıldız, C.Tugrul Zeyrek, A. Elmali,  
*Synthesis, Quantum Chemical Calculations, Molecular Docking Studies and Anion Sensor Properties of Vanillin Schiff Base*,  
5rd International research and practice conference "Nanotechnology and Nanomaterials" (NANO-2017) August 23-26, 2017, Conference Hall of Y. Fedkovych National University of Chernivtsi, Chernivtsi- Ukraine.
2. Bahadır Boyacıoğlu, Hüseyin Ünver, Mustafa Yıldız, C.Tugrul Zeyrek, Ayhan Elmali,  
*DFT Calculation, Anion Sensing Application Studies and Crystal Structure of 3-Aminopyridine-Based Imine Derivative*,  
5rd International research and practice conference "Nanotechnology and Nanomaterials" (NANO-2017) August 23-26, 2017, Conference Hall of Y. Fedkovych National University of Chernivtsi, Chernivtsi- Ukraine.

3. Mustafa Yıldız, Neslihan Demir, Hüseyin Ünver, Bahadır Boyacıoğlu, Ayhan Elmali, *Synthesis And use of Novel Water-Soluble Polyethyleneimine-Based Schiff bases as an Cation Sensor, DNA Binding, DNA Cleavage And Anti-Microbial Agent*, 5rd International research and practice conference "Nanotechnology and Nanomaterials" (NANO-2017) August 23-26, 2017, Conference Hall of Y. Fedkovych National University of Chernivtsi, Chernivtsi- Ukraine.
4. Nuray Yıldırım, Neslihan Demir, Mustafa Yıldız, Hüseyin Ünver, Bahadır Boyacıoğlu, Celal Tuğrul Zeyrek *Synthesis, Theoretical, Antimicrobial Activity, DNA Binding, DNA Cleavage and Anion Sensing Studies of (E)-4-chloro-2-((pyridin-2-ylimino )methyl)phenol*, April 26-29, 2017, IVEK 3rd International Convention Of Pharmaceuticals And Pharmacies, Istanbul
5. Mustafa Yildiz, Huseyin Unver, Bahadir Boyacioglu, Neslihan Demir, Nuray Yildirim, Celal Tugrul Zeyrek, Ayhan Elmali *Anion Sensing, Biological Activities, Spectroscopic and Crystallographic Studies of 5-Methylsalicylaldehyde Schiff Base*, February 24-25, 2017, The IIER International Conference, Bucharest, Romania
6. Bahadır Boyacıoğlu, Huseyin Unver, Mustafa Yildiz, Neslihan Demir, Nuray Yildirim, Celal Tugrul Zeyrek, Ayhan Elmali *Theoretical Calculations, Biological Activities, Anion Sensing Applications and Crystallographic Studies of (E)-2-((3,5-Bis (Trifluoromethyl) Phenylimino) Methyl)-4,6-Dimethoxyphenol*, February 24-25, 2017, The IIER International Conference, Bucharest, Romania
7. Huseyin Unver, Mustafa Yildiz, Bahadır Boyacıoğlu, Neslihan Demir, Nuray Yildirim, Celal Tugrul Zeyrek, Ayhan Elmali *Quantum Chemical and Experimental Studies, Anti-Microbial, Anti-Mutagenic, Dna Binding and Anion Sensors Properties of A Schiff Base Derived From 3,5-Bis(Trifluoromethyl)Aniline With 3,5-Dichlorosalicylaldehyde*, February 24-25, 2017, The IIER International Conference, Bucharest, Romania.
8. Celal Tuğrul Zeyrek, Özlem Temiz-Arpaci, Hüseyin Ünver, Bahadır Boyacıoğlu, Ayhan Elmali *Synthesis, characterization, molecular docking, biological activity, and DFT studies of a new benzoxazole ligand*, The 2017 Pure and Applied Chemistry International Conference (PACCON 2017), February 2-3, 2017, Thailand.
9. Aalu Boda, Bahadır Boyacıoğlu and Ashok Chatterjee *Spin Persistent Current of One Electron Quantum Dot with Gaussian Confinement* DAE Solid State Physics Symposium, 26–30 December 2016, India.
10. Hüseyin ÜNVER, Devrim YOLAL, Celal Tuğrul ZEYREK, Bahadır BOYACIOĞLU, Mustafa YILDIZ, Neslihan DEMİR, Nuray YILDIRIM, *Synthesis, Spectroscopic and Crystallographic Characterization of Pyridine-imine Compounds: DFT Calculation, Anion Sensor and Biological Activity Studies*, 2nd ITWCCST, 26-30th October 2016, Skopje, Macadonia.
11. Hüseyin ÜNVER, Bahadır BOYACIOĞLU, Mustafa YILDIZ, Neslihan DEMİR, Nuray YILDIRIM, Celal Tuğrul ZEYREK, Ayhan ELMALI, *A Schiff Base Sensor Selective to Anions, Quantum Mechanical Calculation and DNA Binding Studies*, 2nd ITWCCST, 26-30th October 2016, Skopje, Macadonia.
12. Mustafa YILDIZ, Hüseyin ÜNVER, Bahadır BOYACIOĞLU, Nuray YILDIRIM, Neslihan DEMİR, Celal Tuğrul ZEYREK, Ayhan ELMALI, *A New Schiff Base Sensor Selective to Anions, Its Ni(II) and Cu(II) Complexes, Inter Actions with DNA, Quantum Chemical and Spectral Studies and Use as Anticancer Agent*, 2nd ITWCCST, 26-30th October 2016, Skopje, Macadonia.

13. Celal Tuğrul Zeyrek, Hüseyin Ünver, Özlem Temiz Arpacı, Bahadır Boyacıoğlu, Ayhan Elmali  
Experimental, DFT, biological activity and molecular docking studies of 5-ethylsulphonyl-2phenyl-  
benzoxazole, NANO-2016, August 24 - 27, 2016, Lviv, Ukraine.
14. Ünver Hüseyin, Zeyrek C Tuğrul, Boyacıoğlu Bahadır, Yıldız Mustafa (2016). Molecular structure and  
quantum chemical calculations on a novel bidentate Schiff base ligand (E)-4-[(4-  
ethoxyphenylimino)methyl]-2-methoxyphenol. The 2016 Pure and Applied Chemistry International  
Conference (PACCON 2016).
15. Yıldırım Nuray, Demir Neslihan, Yıldız Mustafa, Ünver Hüseyin, Boyacıoğlu Bahadır, Zeyrek Tuğrul  
(2015). Synthesis, Theoretical, Antimicrobial Activity, DNA Binding and DNA Cleavage Studies of (E)-  
3-((3,5-bis(trifluoromethyl)phenylimino) methyl)benzene-1,2-diol. IVEK 2nd International Convention  
Of Pharmaceuticals And Pharmacies.
16. Yıldız Mustafa, Yıldırım Nuray, Demir Neslihan, Ünver Hüseyin, Boyacıoğlu Bahadır, Zeyrek Tuğrul  
(2015). Synthesis, Characterization, Antimicrobial Activity and DNA Binding Studies of a Schiff Base.  
IVEK 2nd International Convention Of Pharmaceuticals And Pharmacies.
17. Ünver Hüseyin, Boyacıoğlu Bahadır, Zeyrek Tuğrul, Yolal Devrim, Yıldız Mustafa (2015). Experimental,  
DFT calculation, Biological Activity and Anion Sensing Applications Studies of a New Schiff Base (E)-4-  
[(pyridin-3-ylimino)methyl]benzene-1,3-diol. 1st International Turkic World Conference on Chemical  
Sciences and Technologies.
18. Mustafa Yıldız, Özge Karpuz, Tuğrul Zeyrek, **Bahadır Boyacıoğlu**, Hakan Dal, Neslihan Demir, Nuray  
Yıldırım, Hüseyin Ünver  
*Synthesis, biological activity, crystal structure and quantum chemical studies of a novel bidentate  
Schiff base derived from 3,5-bis(trifluoromethyl)aniline and salicylaldehyde,*  
Molecular Modelling in Chemistry and Biochemistry (MOLMOD 2014),  
13-15 November 2014, Cluj-Napoca, ROMANIA.
19. **B. Boyacıoğlu** and A. Chatterjee  
Heat capacity and entropy of a GaAs quantum dots with gaussian confinement  
Turkish Physical Society 30th International Physics Conference, 02-05 September 2013, İstanbul  
University-İstanbul, Turkey.  
Book of Abstract, p.481
20. V. Duran, U. Erkaslan and **B. Boyacıoğlu**  
*Gaussiyen Potansiyeli ile sınırlanmış Kuantum Noktasının Elektronik Enerji Düzeylerinin  
İncelenmesi*  
Turkish Physical Society 30th International Physics Conference, 02-05 September 2013, İstanbul  
University-İstanbul, Turkey.  
Book of Abstract, p.426
21. **B. Boyacıoğlu** and A. Chatterjee  
*Dia- and paramagnetism and total susceptibility of GaAs quantum dots with gaussian confinement*  
Turkish Physical Society 29th International Physics Conference, 05-08 September 2012, Bodrum-  
Mugla, Turkey.  
Book of Abstract, p.170
22. **B. Boyacıoğlu** and A. Chatterjee  
*Persistent current through a semiconductor quantum dot with gaussian confinement*  
Turkish Physical Society 29th International Physics Conference, 05-08 September 2012, Bodrum-  
Mugla, Turkey.  
Book of Abstract, p.547



- 23. B. Boyacioglu** and A. Chatterjee  
*Magnetization, magnetic susceptibility and persistent current in semiconductor quantum dots with gaussian confinement*  
 Turkish Physical Society 27th International Physics Conference, 14-17 September 2010, İstanbul University-İstanbul, Turkey.  
 Book of Abstract, p.604
- 24. B. Boyacioglu**, M. Saglam, S. Mukhopadhyaya and A. Chatterjee  
*Polaronic effects in a Gaussian quantum dot*  
 TIDS 13 Workshop & International Conference, August 31.-September 5. 2009, Ráckeve, Hungary.  
 Book of Abstract, p.52
- 25. B. Boyacioglu**, M. Saglam ve A. Chatterjee  
*Two-electron singlet states in semiconductor quantum dots with Gaussian confinement: A single parameter variational calculation*  
 Turkish Physical Society 24th International Physics Conference, 28-31 August. 2007, İnönü University-Malatya, Turkey.  
 Book of Abstract, p.427
- 26. B. Boyacioglu** and Z. Saglam  
*Quantized Magnetic Fluxes Through the Excited State Orbits of Hydrogen Atom*  
 14<sup>th</sup> Central European Workshop on Quantum Optics, Palermo (Italy),  
 1-5 June 2007.  
 Book of Abstract, p.28
- 27. M. Saglam**, Z. Saglam, and **B. Boyacioglu**  
*Spin-Flip in Excitonic Transitions in Terms of Magnetic Flux Quantization of Hydrogen Atom*  
 12th Central European Workshop on Quantum Optics" June 6-9, 2005, Ankara,Turkey  
 Book of Abstract
- 28. M. Saglam** and **B. Boyacioglu**  
*Magnetic Field Dependence of the Magnetic Length for Localized Electrons in QHE*  
 Proceedings of the 10<sup>th</sup> Conference on Hopping and Related Phenomena , Phys. Stat. Sol (c), **1**,140  
 (2004) Trieste, Italy
- 29. R. T. Tagiyeva** **B. Boyacioglu** and M. Saglam  
*Surface Magnetic Polaritons and Magnetostatic waves in the anti ferromagnetic/ non-magnetic superlattice*  
 10<sup>th</sup> Conference on Hopping and Related Phenomena, Trieste (Italy), 1-4 September 2003  
 Book of Abstract
- 30. M. Saglam** and **B. Boyacioglu**  
*Investigation of the Localization Effect of the Magnetic Field in QHE Systems*  
 10<sup>th</sup> Conference on Hopping and Related Phenomena , Trieste (Italy), 1-4 September 2003  
 Book of Abstract
- 31. B. Boyacioglu** and M. Saglam  
*Is Electron an Anyon with Spin-1/2?*  
 1<sup>st</sup> Hellenic-Turkish International Physics Conference, 10-15 Sept. 2001, Bodrum-Turkey and Kos-Greece  
 Book of Abstract, p.229

32. M. Saglam, and **B. Boyacioglu**  
*The Absence of the Decimal g-Factor*  
9<sup>th</sup> International Conference on Hopping and Related Phenomena, Shefayim Israel, Sept. 3-6, 2001.  
Phys. Stat. Sol. (b), **230**, 133-142 (2002)

#### **D. National Presentations**

1. **B. Boyacioglu** and M. Saglam  
*Looking at the Electron from the Chern-Simons Gauge*  
Turkish Physical Society 22<sup>th</sup> National Physics Conference, 14-17 September 2004, Bodrum / Turkey  
Book of Abstract, p.407
2. M. Saglam, Z. Saglam and **B. Boyacioglu**  
*Universality of the Flux Quantization for Quantum Orbits of the Charge Particles*  
10<sup>th</sup> Statistical Physics Days, 3-4 July 2003, Istanbul, Turkey  
Book of Abstract
3. Z. Merdan, **B. Boyacioglu** and A. Günen  
*Study of Four-Dimensional Ising Model on The Creutz Cellular Automaton* 10<sup>th</sup> Statistical Physics Days, 3-4 July 2003, Istanbul, Turkey  
Book of Abstract
4. N. Aktekin, M. Saglam and **B. Boyacioglu**  
*Effect of the Number of Energy Levels of a Demon For The Simulation of the Four Dimensional Ising Model on the Creutz Cellular Automaton*  
ITU 8<sup>th</sup> Statistical Physics Days, Istanbul (Turkey), 5-6 July 2001  
Book of Abstract
5. M. Saglam and **B. Boyacioglu**  
*The Non-Existence of an Ideal Two Dimensionality in QHE*  
8<sup>th</sup> Condensed Matter Physics, Ankara Meetings, Ankara (Turkey), 9 November 2001  
Book of Abstract

#### **National and International symposium, congress, workshop and summer schools**

1. **Perihan Şenel Tekin, B. Boyacioglu, Aysel Köksal ve Serap Alsancak**  
E-Learning and Medical Documentatation and Secretary Distance Education Experience  
National Workshop on Vocational Schools and Students Symposium, Nevsehir University  
13-15 June 2012
2. **B. Boyacioglu, Perihan Şenel Tekin ve Serap Alsancak**  
Educational Development Programs Works in Vocational Schools of Health  
National Workshop on Vocational Schools and Students Symposium, Nevsehir University  
13-15 June 2012
3. **B. Boyacioglu**  
Program Development Workshop  
Bologna Coordination Commission, Ankara University, Ankara, TURKEY.  
06-07 January 2011

**4. B. Boyacioglu**

Radiology Workshop-II  
Vocational School of Health, Uludağ University, Bursa, TURKEY  
22-23 December 2008

**5. B. Boyacioglu**

Radiology Technology I  
Education Seminar, *Electrical & Electronics Engineering* Department, METU, Ankara, TURKEY  
13-15 November 2002

**6. B. Boyacioglu**

Radiation Physics  
Radiology and Radiotherapy Technician Education Courses  
Ankara University, Faculty of Medicine, Department of Radiation Oncology, Ankara, TURKEY  
20 June-18 July 2001  
Trainer