

Kimlik Bilgileri

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Eğitim Bilgileri

| Mezuniyet Bilgileri | Üniversite Fakülte/Enstitü | Bölüm/Anabilim |
|---------------------|--|----------------------|
| Lisans | Fırat Üniversitesi | Fizik Bölümü |
| Yüksek Lisans | Fırat Üniversitesi/Fen Bilimleri Enstitüsü | Fizik Ana Bilim Dalı |
| Doktora | Fırat Üniversitesi/Fen Bilimleri Enstitüsü | Fizik Ana Bilim Dalı |
| Doçentlik | Üniversitelerarası Kurul (ÜAK) Başkanlığı | Fizik Bilim Alanı |

Kadro Bilgileri

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|-------------------------|---|
| Fakülte/YO/MYO/vb. | Darende Bekir Ilıcak MYO |
| Bölümü / Uzmanlık Alanı | Tıbbi Hizmetler ve Teknikler Bölümü/Fizik, Katıhal (Yoğun Madde) Fiziği ve Fen Bilgisi Eğitimi Uzmanlık Alanı |
| Anabilim Dalı | Optisyonluk Programı |
| Kadro Unvanı | Doçent |
| Verdiği Dersler | - |

Atıflar

Atıf Sayısı

579

Toplam atıf sayısı 575 olup detayları *Bilimsel Çalışmalar* kısmında yer alan Makale Bilgilerin yer aldığı son sütunda verilmiştir.

BİLİMSEL ÇALIŞMALAR ÖZET

| | |
|---------------------------------|-----|
| SCI/SCI-Expanded Makale Sayısı | 57 |
| Sunum (Bildiri) Sayısı | 123 |
| Yönetilen Tez Sayısı | 4 |
| Yürütücü Olduğu Proje Sayısı | 3 |
| Araştırmacı Olduğu Proje Sayısı | 10 |
| Atıf Sayısı | 579 |
| h-endeksi | 15 |
| i10-endeksi | 22 |

A. ULUSLARARASI HAKEMLİ DERGİLERDE YAYIMLANAN MAKALELER

| Yıl | Eser No | Yayın Künyesi: Yazar(lar), Yayın Adı, Dergi Adı, Cilt (Sayı) (Yıl) Sayfa Aralığı | Atıf Sayısı |
|-------------|-------------|---|---|
| 2010 (1) | A.1 | A.A.M. Farag, B. Gunduz , Fahrettin Yakuphanoglu, W.A. Farooq, Controlling of electrical characteristics of Al/p-Si Schottky diode by tris(8-hydroxyquinolino) aluminum organic film, Synthetic Metals, 160 (23-24) (2010) 2559-2563. | 47 |
| 2012 (5) | A.2 | Esin Kaya, Nevin Turan, Bayram Gündüz , Naki Çolak, Hanifi Körkoca, Synthesis, Characterization of Poly-2-(2-hydroxybenzylideneamino)-6-phenyl-4,5,6,7-tetrahydrobenzo[b]thiophene-3-carbonitrile: Investigation of Antibacterial Activity and Optical Properties, Polymer Engineering and Science, 52(7) (2012) 1581-1589. | 15 |
| | A.3 | Nevin Turan, Esin Kaya, Bayram Gündüz , Naki Çolak, Hanifi Körkoca, Synthesis, Characterization of Poly(E)-3-amino-4-((3-bromophenyl)diazenyl)-1H-pyrazol-5-ol: Investigation of Antibacterial Activity, Fluorescence, and Optical Properties, Fibers and Polymers, 13(4) (2012) 415-424. | 25 |
| | A.4 | Review Article: Fahrettin Yakuphanoglu, Bayram Gunduz , Effects of channel widths, thicknesses of active layer on the electrical and photosensing properties of the 6,13-bis(triisopropylsilylethynyl) pentacene transistors by thermal evaporation method: Comparison study, Synthetic Metals, 162 (13-14) (2012) 1210-1239. | 32 |
| | A.5 | Bayram Gunduz , Fahrettin Yakuphanoglu, Effects of UV and white light illuminations on photosensing properties of the 6,13-bis(triisopropylsilylethynyl) pentacene thin film transistor, Sensors and Actuators A: Physical, 178 (2012) 141-153. | 34 |
| | A.6 | Review Article: B. Gunduz , I.S. Yahia, F. Yakuphanoglu, Electrical and photoconductivity properties of p-Si/P3HT/Al and p-Si/P3HT:MEH-PPV/Al organic devices: Comparison study, Microelectronic Engineering, 98 (2012) 41-57. | 49 |
| | 2013 (5) | A.7 | S.K. Kim, B. Gunduz , D.H. Yoon, H.J. Kim, A.A. Al-Ghamdi, F. Yakuphanoglu, Photofield effect and photoresponse properties of the transparent oxide-based BaInZnO thin-film transistors, Sensors and Actuators A: Physical, 193 (2013) 1-12. |
| A.8 | | B. Gunduz , O.A. Al-Hartomy, S.A.F Al Said, A.A. Al-Ghamdi, F. Yakuphanoglu, Controlling of photoresponse properties of pentacene thin film phototransistors by dielectric layer thickness and channel widths, Synthetic Metals, 179 (2013) 94-115. | 10 |
| A.9 | | B. Gunduz , A.A. Al-Ghamdi, A.A. Hendi, Z.H. Gafer, S. El-Gazzar, F. El-Tantawy, F. Yakuphanoglu, New Schottky diode based entirely on nickel aluminate spinel/p-silicon using the sol-gel spin coating approach, Superlattices and Microstructures, 64 (2013) 167-177. | 16 |
| A.10 | | Bayram Gündüz , Nevin Turan, Esin Kaya, Naki Çolak, The photo-electrical properties of the p-Si/Fe(II)-polymeric complex/Au diode, Synthetic Metals, 184 (2013) 73-82. | 8 |
| A.11 | | Bayram Gündüz , Effects of molarity and solvents on the optical properties of the solutions of tris[4-(5-dicyanomethylidenemethyl-2-thienyl)phenyl]amine (TDCV-TPA) and structural properties of its film, Optical Materials, 36(2) (2013) 425-436. | 48 |
| 2014 (3) | A.12 | Nevin Turan, Bayram Gündüz , Hanifi Körkoca, Ragıp Adigüzel, Naki Çolak, Kenan Buldurun, Study of Structure and Spectral Characteristics of the Zinc(II) and | 18 |

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|-------------|------|--|----|
| | | Copper(II) Complexes With 5,5-Dimethyl-2-(2-(3-nitrophenyl)hydrazono)cyclohexane-1,3-dione and Their Effects on Optical Properties and the Developing of the Energy Band Gap and Investigation of Antibacterial Activity, Journal of the Mexican Chemical Society, 58(1) (2014) 65-75. | |
| | A.13 | Z. Serbetci, B. Gunduz , A.A. Al-Ghamdi, F. Al-Hazmic, K. Arik, F. El-Tantawy, F. Yakuphanoglu, W.A. Farooq, Determination of Optical Constants of Nanocluster CdO Thin Films Deposited by Sol-Gel Technique, Acta Physica Polonica A 126(3) (2014) 798-807. | 18 |
| | A.14 | Bayram Gündüz , Nevin Turan, Esin Kaya, Synthesis, characterization, surface morphology properties and effects of annealing temperature on optical properties of poly(2-(((5-phenyl-1,3,4-thiadiazole-2-yl)imino)methyl)phenyl methacrylate) (PTMPMA), Polymer Bulletin, 71(11) (2014) 2945-2961. | 5 |
| 2015 (8) | A.15 | Bayram Gündüz , Sensing and surface morphological properties of a poly[(9,9-dioctylfluorenyl-2,7-diyl)-co-bithiophene] liquid-crystalline polymer for optoelectronic applications, Journal of Applied Polymer Science, 132(11) (2015) 1-8. | 12 |
| | A.16 | Esin Kaya, Bayram Gündüz , Determination of optical constants of poly(N-phthalimidomethyl methacrylate), Materials Express, 5 (2015) 24-32. | 2 |
| | A.17 | Bayram Gündüz , Sensing Properties of the N,N'-Dipentyl-3,4,9,10-perylenedicarboximide Small Molecule for Different Concentrations and Solvents for Sensor Applications, Sensor Letters 13(1) (2015) 52-63. | 6 |
| | A.18 | Bayram Gündüz , Surface Morphology Properties of the 5,5'-Di(4-biphenyl)-2,2'-bithiophene (PPTTP) Nanofiber Film and Calculations of the Optical Parameters of the PPTTP Nanofiber Optoelectronic Devices, Journal of Nanoelectronics and Optoelectronics, 10(1) (2015) 1-8. | 5 |
| | A.19 | Bayram Gündüz , Optical properties of poly[2-methoxy-5-(3',7'-dimethyloctyloxy)-1,4-phenylenevinylene] light-emitting polymer solutions: effects of molarities and solvents, Polymer Bulletin, 72(12) (2015) 3241-3267. | 32 |
| | A.21 | Bayram Gündüz , Controlling of spectral and optical parameters of the F8T2 liquid-crystalline polymer (LCP) by molarity for optoelectronic devices, Optik – International Journal for Light and Electron Optics, 126 (23) (2015) 4566-4573. | 14 |
| | A.22 | F. Yakuphanoglu, B. Gunduz , A.A. Al-Ghamdi, W.A. Farooq, F. El-Tantawy, Transparent ultraviolet photodiodes based conductive gallium-indium-oxide films/p-type silicon for solar panel tracking systems, Sensors and Actuators A: Physical, 234 (2015) 212-222. | 3 |
| | A.24 | Ragıp Adıguzel, Bayram Gunduz , Nevin Turan, Yıldırım Topcu, Investigation of the Optical Properties of the Solutions of the Tetraaquabis(saccharinato)metal(II)dihydrate [Metal: Co(II) and Ni(II)] Complexes at Different Molarity and Volume of Stock Solutions, REV.CHIM. (Bucharest) 66 (12) (2015) 2109-2117. | |
| 2016 (4) | A.23 | Esin Kaya, Bayram Gündüz , Adnan Çetin, Synthesis, characterization of conjugated polymers containing phenyl and bithiophene: Controlling of optical properties with molarity, Colloid and Polymer Science, 294(2) (2016) 339-345. | 4 |
| | A.20 | Bayram Gündüz , Investigation of the spectral, optical and surface morphology properties of the N,N'-Dipentyl-3,4,9,10-perylenedicarboximide small molecule for optoelectronic applications, Polymers for Advanced Technologies, 27 (2) (2016), 144-155. | 15 |
| | A.25 | Erman Erdoğan, Bayram Gündüz , Controlling of the Optical Properties of the Solutions of the PTCDI-C8 Organic Semiconductor, Electronic Materials Letters, 12 (6) (2016), 773-778. | 3 |
| | A.26 | Asim Mantarcı, Bayram Gündüz , A study on refractive index dispersion and optoelectronic parameters of the BCzVB OLED material by using solution method, Optical and Quantum Electronics, 48 (12), (2016) 547(1-13). | 8 |
| 2017 (8) | A.27 | Adnan Cetin, Bayram Gündüz , Nurettin Menges, Ishak Bildirici, Unsymmetrical pyrazole-based new semiconductor oligomer: synthesis and optical properties Polymer Bulletin, 74(7) (2017) 2593-2604. | 7 |
| | A.28 | Erman Erdoğan, Bayram Gündüz , Optoelectronic parameters of TBADN organic molecule: New aspect to solution technique, Optics and Laser Technology 91(1) (2017) 130-137. | 4 |

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| | A.29 | Mustafa Kurban, Bayram Gündüz , Physical and Optical Properties of DCJTBDye for OLED Display Applications: Experimental and Theoretical Investigation, Journal of Molecular Structure, 1137 (2017) 403-411. | 19 |
| | A.30 | Mehmet Cabuk, Bayram Gündüz , Controlling the optical properties of polyaniline doped by boric acid particles by changing their doping agent and initiator concentration, Applied Surface Science 424 (2017) 345-351. | 14 |
| | A.31 | Cahit Orek, Bayram Gündüz , Omer Kaygili, Niyazi Bulut, Electronic, optical, and spectroscopic analysis of TBADN organic semiconductor: Experiment and theory, Chemical Physics Letters 678 (2017) 130-138. | 13 |
| | A.32 | Mehmet Cabuk, Bayram Gündüz , Change of optoelectronic parameters of the boric acid-doped polyaniline conducting polymer with concentration, Colloids and Surfaces A 532 (2017) 263-269. | 6 |
| | A.33 | Erman Erdoğan, Bayram Gündüz , Fundamental Properties of PTCDI-C8 Semiconductor for Optoelectronic and Photonic Applications, American Institute of Physics (AIP) Conference Proceedings 1815, 050003 (2017); doi: 10.1063/1.4976381. | 1 |
| | A.34 | Nevin Turan, Kenan Buldurun, Bayram Gündüz , and Naki Çolak, Synthesis and Structures of Fe(II), Zn(II) and Pd(II) Complexes with a Schiff Base Derived from Methyl 2 Amino-6-Methyl-4,5,6,7-Tetrahydrothieno[2,3-c]Pyridine-3-Carboxylate and Comparison of Their Optical Constants for Different Solvents and Molarities, Journal of Nanoelectronics and Optoelectronics, 12 (2017) 1028-1040. | 6 |
| 2018 (12) | A.35 | Mustafa Kurban, Bayram Gündüz , Study of structural, optical properties and electronic structure of PTCDI-C5 organic nanostructure, Chemical Physics Letters 691 (2018) 14-21. | 4 |
| | A.36 | Cahit Orek, Faruk Arslan, Bayram Gündüz , Omer Kaygili, Niyazi Bulut, Comparison of experimental photonic and refractive index characteristics of the TBADN films with their theoretical counterparts, Chemical Physics Letters 696 (2018) 12-18. | 1 |
| | A.37 | Bayram Gündüz , Mustafa Kurban, Photonic, spectroscopic properties and electronic structure of PTCDI-C8 organic nanostructure, Vibrational Spectroscopy 96 (2018) 46-51. | 10 |
| | A.38 | Armağan Günsel, Ahmet T. Bilgiçli, Hasan Pişkin, Nagihan Çaylak Delibaş, M. Nilüfer Yarasir, Bayram Gündüz , Synthesis, characterization, and optical and surface properties of (4-(trifluoromethylthio)phenoxy) copper (II) phthalocyanine, New Journal of Chemistry, 42 (2018) 6013-6022. | 6 |
| | A.39 | Mustafa Kurban, Bayram Gündüz , Electronic structure, optical and structural properties of organic 5,5'-Dibromo-2,2'-bithiophene, Optik, 165 (2018) 370-379 | 5 |
| | A.40 | I. Ercan, O. Kaygili, T. Ateş, B. Gündüz , N. Bulut, S. Koytepe, I. Ozcan, The effects of urea content on the structural, thermal and morphological properties of MgO nanopowders, Ceramics International, 44 (12) (2018) 14523-14527. | 3 |
| | A.41 | A. Günsel, A. T. Bilgiçli, E. Güzel, M. N. Yarasir, B. Gündüz , Axially phenoxy-derivative disubstituted phthalocyanine; Synthesis, characterization and photophysical properties, Research on Chemical Intermediates, 44 (2018) 6197-6217. | |
| | A.42 | Emine Tanış, Emine Babur Sas, Bayram Gündüz , Mustafa Kurt, Required theoretical and experimental physical characteristics of tris[4-(diethylamino)phenyl] amine organic material, Journal of Materials Science: Materials in Electronics, 29 (18) (2018) 16111-16119. | 2 |
| | A.43 | Bayram Gündüz , Mustafa Kurban, Photophysical and optical properties of 5-Bromo-2-nitropyridine organic molecule: Experiment and theory, Optical Materials 85 (2018) 373-381. | |
| | A.44 | E. Babur Sas, M. Kurban, B. Gündüz , Mustafa Kurt, Photophysical, spectroscopic properties and electronic structure of BND: Experiment and theory, Synthetic Metals, 246 (2018) 39-44. | 1 |
| | A.45 | Omer Kaygili, Ismail Ercan, Tankut Ates, Serhat Keser, Cahit Orek, Bayram Gündüz , Turgay Seckin, Niyazi Bulut, Luis Bañares, An experimental and theoretical investigation of the structure of synthesized ZnO powder, Chemical Physics 513 (2018) 273-279. | 2 |

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| | A.46 | Ayşe Tan, Serap Kizilkaya, Bayram Gunduz and Yunus Kara, Synthesis and optical properties of some isoindole-1,3-dione compounds: Optical band gap, refractive index and absorbance band edge, <i>Organic Communications</i> 11:4 (2018) 173-180. | |
| | A.47 | Demet Coskun, Bayram Gunduz , Mehmet Fatih Coskun, Synthesis, characterization and significant optoelectronic parameters of 1-(7-methoxy-1-benzofuran-2-yl) substituted chalcone derivatives, <i>Journal of Molecular Structure</i> 1178 (2019) 261-267. | 1 |
| | A.48 | Mustafa Kurban, Bayram Gündüz , Fahrettin Göktaş, Experimental and Theoretical Studies of the structural, electronic and optical properties of BCzVB organic material, <i>Optik</i> , 182 (2019) 611-617. | 2 |
| | A.49 | Handan Aydin, Bayram Gündüz , Cihat Aydin, Surface morphology, spectroscopy, optical and conductivity properties of transparent poly(9-vinylcarbazole) thin films modified with graphene oxide, <i>Synthetic Metals</i> 252 (2019) 1-7. | 4 |
| | A.50 | Armağan Günsel, Ahmet T. Bilgiçli, Hasan Pişkin, Burak Tüzün, Nagihan Çaylak Delibaş, M. Nilüfer Yarasir, Bayram Gündüz , Comparison of spectroscopic, electronic, theoretical, optical and surface morphological properties of functional manganese(III) phthalocyanine compounds for various conditions, <i>Journal of Molecular Structure</i> , 1193 (2019) 247-264. | 3 |
| | A.51 | Adnan Kurt, Bayram Gündüz , Zulfiye Iltter, Murat Koca, Optoelectronic properties of 3-acetyl-6-bromocoumarin compound in various solvents and concentrations, <i>Kuwait Journal of Science</i> , 46 (3) (2019) 60-70. | |
| 2019 (11) | A.52 | Omer Kaygili, Niyazi Bulut, Tankut Ates, Ismail Ercan, Suleyman Koytepe, Turgay Seckin, Cengiz Tatar, Bayram Gunduz , Hanifi Kebiroglu, Structural and thermal properties of Zn-containing magnesium aluminate spinels obtained by wet chemical method, <i>Materials Science-Poland</i> 37 (2) (2019), 238-243. | |
| | A.53 | Kenan Buldurun, Bayram Gündüz , Nevin Turan, Naki Çolak, Synthesis, Characterization, Optical Transition and Dielectric Properties of the Schiff Base Ligand and Its Cobalt(II) and Palladium(II) Complexes, <i>Journal of Electronic Materials</i> , 48(11) (2019) 7131-7138. | 2 |
| | A.54 | Armağan Günsel, Ahmet T. Bilgiçli, Hasan Pişkin, Burak Tüzün, M. Nilüfer Yarasir, Bayram Gündüz , Synthesis of non-peripherally tetra-substituted copper (II) phthalocyanines: Characterization, optical, surface properties, fabrication and photo-electrical properties of photosensitive diode, <i>Dalton Transactions</i> , 48 (2019) 14839-14852. | 2 |
| | A.55 | Armağan Günsel, Ahmet T. Bilgiçli, Burak Tüzün, Hasan Pişkin, M. Nilüfer Yarasir, Bayram Gündüz , Optoelectronic parameters of peripherally tetra-substituted copper(II) phthalocyanines and fabrication of a photoconductive diode for various conditions, <i>New Journal of Chemistry</i> , 44(2) (2020) 369-380. | |
| | A.56 | Emine Şaş, Emine Tanis, Bayram Gunduz , Mustafa Kurt, Comparison of theoretical and experimental electronic and optoelectronic properties of HPS compound, <i>Materials Research Express</i> , 6(12) (2019) 126210. | |
| | A.57 | Adnan Kurt, Bayram Gündüz , Murat Koca, A detailed study on the optical properties of 3-benzoyl-7-hydroxy coumarin compound in different solvents and concentrations, <i>Macedonian Journal of Chemistry and Chemical Engineering</i> , 38(2), (2019) 227-236. | |
| | Toplam | | 57 |
| | | | 557 |

D. ULUSAL HAKEMLİ DERGİLERDE YAYIMLANAN MAKALELER

| | |
|---------|---|
| Eser No | Yayın Künyesi: Yazar(lar), Yayın Adı, Dergi Adı, Cilt (Sayı) (Yıl) Sayfa Aralığı |
| D.1 | Bayram Gündüz , Effect of molarity and solvent on the optical parameters of the liquid-crystalline polymer F8T2 and surface morphology properties of the F8T2 film, <i>Muş Alparslan Üniversitesi, Fen Bilimleri Dergisi</i> 1(1) (2013) 85-107. |

B. ULUSLARARASI BİLİMSEL TOPLANTILARDA SUNULAN VE BİLDİRİ KİTAPLARINDA (PROCEEDINGS) BASILAN BİLDİRİLER

| Eser No | Bildiri Künyesi: Yazar(lar), Bildiri Adı, Etkinlik Adı, Yeri ve Tarihi | Bildiri Türü |
|----------------|---|-------------------------------|
| B.1 | B. Gündüz , F. Yakuphanoğlu, ITO/PEDOT-PSS/MEH-PPV:PCBM(1:4)/Al Fotodiyotun Hazırlanması ve Elektronik Özelliklerinin Araştırılması, Türk Fizik Derneği 24. Uluslararası Fizik Kongresi, İnönü Üniversitesi, Malatya, Türkiye, 28-31 Ağustos 2007. | Poster |
| B.2 | B. Gündüz , F. Yakuphanoğlu, Effect of PEDOT-PSS on Electrical and Photovoltaic Properties of ITO/MEH-PPV:PCBM/Al Organic Diode, Turkish Physical Society 25 th International Physics Congress, Bodrum, Turkey, 25-29 August 2008. | Poster |
| B.3 | B. Gündüz , Electrical Properties of the Al/n-Si/SiO ₂ /Al MOS Contact, Turkish Physical Society 26 th International Physics Congress, Bodrum, Turkey, 24-27 September 2009. | Poster |
| B.4 | B. Gündüz , Dielectric Relaxation Mechanism of Al/n-Si/SiO ₂ /Al MIS Contact, Turkish Physical Society 26 th International Physics Congress, Bodrum, Turkey, 24-27 September 2009. | Poster |
| B.5 | B. Gündüz , The Effect of Temperature on Electrical Properties of Au/p-Si/CoPc/Au Diode, Turkish Physical Society 26 th International Physics Congress, Bodrum, Turkey, 24-27 September 2009. | Poster |
| B.6 | Bayram Gündüz , Electrical Properties of ITO For Metal-Semiconductor (Schottky) Photodiode and Solar Cell, 6th Nanoscience and Nanotechnology Conference (NanoTR-VI), Çeşme, İzmir, Turkey, 15-18 June 2010. | Oral presentation |
| B.7 | Esin Kaya, Nevin Turan, Naki Çolak, Bayram Gündüz , Synthesis, Characterization of Schiff Base Containing Oligomer and Investigation of Conductivity Properties, Chemical Physics Congress-IX (CPC-IX), Çeşme, İzmir, Turkey, 14-16 October 2010. | Poster |
| B.8 | Esin Kaya, Nevin Turan, Naki Çolak, Bayram Gündüz , Synthesis, Characterization of Schiff Base Containing Oligomer and Investigation of Optical Properties, Chemical Physics Congress-IX (CPC-IX), Çeşme, İzmir, Turkey, 14-16 October 2010. | Poster |
| B.9 | Bayram Gündüz , Current Transport Mechanism and The Schottky Effect In Organic Semiconductors Materials, Chemical Physics Congress-IX (CPC-IX), Çeşme, İzmir, Turkey, 14-16 October 2010. | Poster |
| B.10 | B. Gündüz , F. Yakuphanoglu, Controlling Electrical Characteristics Of Classical Electronic Devices by Tris(8-Hydroxyquinolino)Aluminium Organic Film, Turkish Physical Society 27 th International Physics Congress, Istanbul University, Istanbul, Turkey, 14-17 September 2010. | Oral presentation |
| B.11 | B. Gündüz , I.S. Yahia, F. Yakuphanoglu, W.A. Farooq, Fabrication and electrical characterization of hybrid diode based polymer organic semiconductor-silicon inorganic semiconductor, Advances in Applied Physics & Materials Science Congress (APMAS 2011), Antalya, Turkey, 12-15 May 2011. | Oral presentation |
| B.12 | B. Gündüz , I.S. Yahia, F. Yakuphanoglu, W.A. Farooq, The electrical and photoconducting properties of organic-inorganic photodiode, Advances in Applied Physics & Materials Science Congress (APMAS 2011), Antalya, Turkey, 12-15 May 2011. | Oral presentation |
| B.13 | B. Gündüz , M. Çavaş, F. Yakuphanoğlu, Quality Controlling of SiO ₂ Thin Films by sol gel method, 6 th International Advanced Technologies Symposium (IATS'11), Fırat University, Elazığ, Turkey, 16-18 May 2011. Atf Sayısı: 11 | Oral presentation (Full Text) |
| B.14 | B. Gündüz , M. Çavaş, F. Yakuphanoğlu, Production of Al ₂ O ₃ Thin films for FET and MOSFET Transistor Gate Applications, 6 th International Advanced Technologies Symposium (IATS'11), Fırat University, Elazığ, Turkey, 16-18 May 2011. Atf Sayısı: 11 | Oral presentation (Full Text) |
| B.15 | Bayram Gündüz , Ahmed A. Al-Ghamdi, Zarah H.Gafer, F. El-Tantawy, F. Yakuphanoglu, Pentacene thin film Phototransistors for Optoelectronic Applications, pp. 521, Global Engineering, Science and Technology Conference, Novotel World Trade Centre, Dubai, UAE, 1-2 April 2013. | Oral presentation |
| B.16 | Bayram Gündüz , Nevin Turan, Kenan Buldurun, Ragıp Adigüzel, Calculation of some optical constants and comparison of optical band gaps of the synthesized ligand and its [LZn(NO ₃) ₂ (H ₂ O) ₂].5H ₂ O and [L(Zn) ₂ (OH) ₄].2DMF complexes, 9 th Nanoscience and Nanotechnology Conference (NanoTR-9), Atatürk University, Erzurum, Turkey, 24-28 June 2013. | Poster |
| B.17 | Bayram Gündüz , Nevin Turan, Ragıp Adigüzel, Investigation of the dielectric, electrical susceptibility and optical conductivity properties of the 5,5-dimethyl-2-(2-(3-nitrophenyl)hydrazono)cyclohexane-1,3-dione ligand and its copper(II) complexes by taking optical measurements, 9 th Nanoscience and Nanotechnology Conference (NanoTR-9), Atatürk University, Erzurum, Turkey, 24-28 June 2013. | Poster |
| B.18 | Bayram Gündüz , Nevin Turan, Ragıp Adigüzel, The development of the energy band gap of the 5,5-dimethyl-2-(2-(3-nitrophenyl)hydrazono)cyclohexane-1,3-dione ligand with copper(II) complexes, 9 th Nanoscience and Nanotechnology Conference (NanoTR-9), Atatürk University, | Poster |

| Erzurum, Turkey, 24-28 June 2013. | | |
|-----------------------------------|--|-------------------------------|
| B.19 | Bayram Gündüz , Nevin Turan, Kenan Buldurun, Ragıp Adigüzel, Comparison of the dielectric, electrical susceptibility and optical conductivity properties of [LZn(NO ₃) ₂ (H ₂ O) ₂].5H ₂ O and [L(Zn) ₂ (OH) ₄].2DMF complexes of 5,5-dimethyl-2-(2-(3-nitrophenyl) hydrazono)cyclohexane-1,3-dione ligand, 9 th Nanoscience and Nanotechnology Conference (NanoTR-9), Atatürk University, Erzurum, Turkey, 24-28 June 2013. | Poster |
| B.20 | Bayram Gündüz , Determination of the optical parameters of the liquid-crystalline polymer poly[(9,9-dioctylfluorenyl-2,7-diyl)-co-bithiophene] (F8T2) for different molarities by a solution technique, 10 th Nanoscience and Nanotechnology Conference (NanoTR10), Yeditepe University, Istanbul, Turkey, 17-21 June, 2014. | Poster |
| B.21 | Bayram Gündüz , Effects on optical properties of the solutions of the MDMO-PPV light-emitting polymer (LEP) of the molarity, 10 th Nanoscience and Nanotechnology Conference (NanoTR10), Yeditepe University, Istanbul, Turkey, 17-21 June, 2014. | Poster |
| B.22 | Bayram Gündüz , Surface morphology properties of the liquid-crystalline polymer poly[(9,9-dioctylfluorenyl-2,7-diyl)-co-bithiophene] (F8T2) film and the optical properties of the solutions of the F8T2 polymer for different solvents, 10 th Nanoscience and Nanotechnology Conference (NanoTR10), Yeditepe University, Istanbul, Turkey, 17-21 June, 2014. | Oral presentation |
| B.23 | B. Gündüz , A. Çetin, The refractive index dispersion of the solutions of the MDMO-PPV (LEP) polymer for different solvents using single oscillator model, Nanoscience&Nanotechnology For Next Generation, International NanoNG'2014 Conference, Elazig, Turkey, 20-22 August 2014. | Poster |
| B.24 | A. Çetin, E. Kaya, B. Gündüz , Determination of the Optical Parameters of the Poly[2,2'-bithiophene]-5,5'-dilbis(4-methylbenzoate), Nanoscience & Nanotechnology For Next Generation, International NanoNG'2014 Conference, Elazig, Turkey, 20-22 August 2014. | Poster |
| B.25 | A. Çetin, B. Gündüz , Optical parameters of the solutions of the poly(p-phenylene-1-(2,5-dimethylphenyl)-5-phenyl-1H-pyrazole-3,4-dicarboxamide polymer, Nanoscience&Nanotechnology For Next Generation, International NanoNG'2014 Conference, Elazig, Turkey, 20-22 August 2014. | Poster |
| B.26 | Mehmet Cabuk, Bayram Gündüz , Synthesis, characterization and controlling of optical properties of the polyaniline by doping boric acid particles and changing initiator concentration, 12th International Nanoscience and Nanotechnology Conference, 03-05 June 2016, Darıca-Kocaeli/Turkey | Oral presentation |
| B.27 | Asim Mantarcı, Bayram Gündüz , Effects of molarities on optical and sensing properties of solutions of 1, 4-Bis [2-(3-Nethylcarbazyrl)-vinyl] benzene (BCzVB) organic light emitting material, 12th International Nanoscience and Nanotechnology Conference, 03-05 June 2016, Darıca-Kocaeli/Turkey | Oral presentation |
| B.28 | Mehmet Cabuk, Bayram Gündüz , Effects of molar concentration on optoelectronic parameters of the polyaniline doped boric acid conducting polymer, 12th International Nanoscience and Nanotechnology Conference, 03-05 June 2016, Darıca-Kocaeli/Turkey | Poster |
| B.29 | Bayram Gündüz , Asim Mantarcı, Determination of optical and contrast properties of BCzVB organic light emitting material (OLEM) material by using solution method, 12th International Nanoscience and Nanotechnology Conference, 03-05 June 2016, Darıca-Kocaeli/Turkey. | Poster |
| B.30 | Bayram Gündüz , Comparison of Optical and Electrical Conductance and Refractive Index Values of the PTCDI-C5 Small Molecule for Various Relations and Conditions, International Conference on Advanced Technology & Sciences (ICAT'16), September 01-03, 2016 Konya-Turkey | Oral presentation (Full Text) |
| B.31 | Bayram Gündüz , Analysis of Refractive Index Dispersion and Relation between Optical Band Gaps and Indexes of Refraction of PPTTPP Nanofiber, International Conference on Advanced Technology & Sciences (ICAT'16), September 01-03, 2016 Konya-Turkey | Oral presentation (Full Text) |
| B.32 | Erman Erdoğan, Bayram Gündüz , Detail Optoelectronic Properties of N,N'-Dioctyl-3,4,9,10 perylenedicarboximide (PTCDI-C8) Organic Molecule by Solution Technique, Turkish Physical Society 32nd International Physics Congress, September 06-09, 2016 Bodrum-Turkey | Poster |
| B.33 | Erman Erdoğan, Bayram Gündüz , Fundamental Properties of PTCDI-C8 Semiconductor for Optoelectronic and Photonic Applications, Turkish Physical Society 32nd International Physics Congress, September 06-09, 2016 Bodrum-Turkey | Oral presentation (Full Text) |
| B.34 | Mustafa Kurban, Bayram Gündüz , Computational and experimental thin film investigations on structure, energetics and spectroscopy properties of DCJTb, 2st International Advanced and Functional Materials Technologies (AFMAT2016), October 20-22, 2016, Kemer, Antalya/TURKEY | Oral presentation |
| B.35 | Bayram Gündüz , Surface morphology, optical and sensing properties of the TDCV-TPA small-molecule semiconducting dye, 2st International Advanced and Functional Materials Technologies (AFMAT2016), October 20-22, 2016, Kemer, Antalya/TURKEY | Oral presentation |

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| B.36 | Bayram Gündüz , Mustafa Kurban, Determination of electronic, spectroscopic and optical properties of DCJTb semiconductor by experimental solution technique and theoretical quantum mechanical method, 2st International Advanced and Functional Materials Technologies (AFMAT2016), October 20-22, 2016, Kemer, Antalya/TURKEY | Oral presentation |
| B.37 | Erman Erdoğan, Bayram Gündüz , UV-Spectra Properties of TBADN Organic Small Molecule, 1st International Mediterranean Science and Engineering Congress (IMSEC 2016), October 26-28, 2016, Adana/TURKEY | Poster |
| B.38 | Erman Erdoğan, Bayram Gündüz , Electrical and Optical Properties of 2-tert-Butyl-9,10-di(naphth 2-yl)anthracene (TBADN) Material Using Solution Technique for Various Solvents, 1st International Mediterranean Science and Engineering Congress (IMSEC 2016), October 26-28, 2016, Adana/TURKEY | Oral presentation (Full Text) |
| B.39 | Nevin TURAN, Bayram GÜNDÜZ , Kenan BULDURUN, Naki ÇOLAK, Comparison of Single Oscillator, Optical and Electrical Conductance Parameters of Schiff Base Derived from Pyridine-3-Carboxylate and M(II) (M= Fe, Zn and Pd) Complexes and Their Optoelectronic Applications, 2nd International Turkic World Conference on Chemical Sciences and Technologies (2nd ITWCCST) 26-30 October 2016, Skopje, MACEDONIA. | Poster |
| B.40 | A. Dere, F. Yakuphanoglu and Bayram Gündüz , Electronic properties of the BCzVB organic Schottky diode, 4 th International Conference on Materials Science and Nanotechnology For Next Generation (MSNG-2017) June 28-30, 2017, Sarajevo, BOSNIA. | Oral presentation |
| B.41 | Bayram Gündüz , F. Yakuphanoglu and A. Dere, Photo-current and capacitance properties of the 2,6-bis(3-(9H-Carbazol-9-yl)phenyl)pyridine (26DczPPy) photovoltaic device for different conditions, 4 th International Conference on Materials Science and Nanotechnology For Next Generation (MSNG-2017) June 28-30, 2017, Sarajevo, BOSNIA. | Oral presentation |
| B.42 | F. Yakuphanoglu, A. Dere and Bayram Gündüz , Study on electronic and photonic properties of the phosphorescent diode based on tris(1-phenylisoquinoline)iridium(III) ((Ir(piq) ₃), 4 th International Conference on Materials Science and Nanotechnology For Next Generation (MSNG-2017) June 28-30, 2017, Sarajevo, BOSNIA. | Poster |
| B.43 | Mustafa Kurban and Bayram Gündüz , Experimental and Theoretical Study on the Electronic and Optoelectronic Properties of 5,5'-Dibromo-2,2'-bithiophene Organic Material for Photovoltaic Applications, 4 th International Conference on Materials Science and Nanotechnology For Next Generation (MSNG-2017) June 28-30, 2017, Sarajevo, BOSNIA. | Oral presentation |
| B.44 | Mustafa Kurban and Bayram Gündüz , UV Characterizations of 5-Bromo-2-nitropyridine: Experimental and theoretical research, 4 th International Conference on Materials Science and Nanotechnology For Next Generation (MSNG-2017) June 28-30, 2017, Sarajevo, BOSNIA. | Oral presentation |
| B.45 | Bayram Gündüz , Cahit Orek, Omer Kaygili, and Niyazi Bulut, Investigation of experimental and theoretical spectroscopic and photonic properties of 2-tert-Butyl-9,10-di(naphth-2-yl)anthracene semiconductor for different solvents, International Congress on Semiconductor Materials and Devices (ICSMD-2017), Selçuk University, Suleyman Demirel Cultural Center, Konya, Turkey, 17-19 August 2017. | Oral presentation |
| B.46 | Bayram Gündüz , Cahit Orek, Omer Kaygili, and Niyazi Bulut, Determination experimental and theoretical refractive index values of theTBADN organic material for different relations and solvents, International Congress on Semiconductor Materials and Devices (ICSMD-2017), Selçuk University, Suleyman Demirel Cultural Center, Konya, Turkey, 17-19 August 2017. | Poster |
| B.47 | Esin Kaya and Bayram Gündüz , The Surface Morphological Properties of Polymer Complexes films of Hydroxypropyl Cellulose and 4-(Heptyloxy)benzoic Acid under annealing conditions, International Congress on Semiconductor Materials and Devices (ICSMD-2017), Selçuk University, Suleyman Demirel Cultural Center, Konya, Turkey, 17-19 August 2017. | Oral presentation |
| B.48 | Niyazi Bulut, Bayram Gündüz , Comparisons of Experimental and Theoretical Photonic and Fluorescence Properties of Platinum Octaethylporphyrin, International Conference on Condensed Matter and Materials Science (ICCMMS-2017), 11-15 October 2017, Adana, TURKEY. | Oral presentation |
| B.49 | B. Gündüz , M. Kurban, Optoelectronic and Spectroscopic Properties of PTCDI-C5 Small Molecule for Sensor Applications, International Conference on Condensed Matter and Materials Science (ICCMMS-2017), 11-15 October 2017, Adana, TURKEY. | Poster |
| B.50 | Zülküf Tünç, Hanifi Kebiroglu, Ömer Kaygılı, Cengiz Tatar, Bayram Gündüz , Niyazi Bulut, A Theoretical NMR Calculation of Hydroxyapatite Molecule, International Advanced Technologies Symposium (IATS17), 19-22 October 2017, Elazığ, TURKEY. | Oral presentation |
| B.51 | Zülküf Tünç, Hanifi Kebiroglu, Ömer Kaygılı, Cengiz Tatar, Bayram Gündüz , Niyazi Bulut, Thermal capacity calculation of hydroxyapatite molecule International Advanced Technologies Symposium (IATS17), 19-22 October 2017, Elazığ, TURKEY. | Poster |
| B.52 | Asim Mantarç1, Bayram Gündüz , Research on Optical Properties of 2, 6-bis (3-(9H-Carbazol-9-yl) phenyl) Pyridine (26DczPPy) for Different Concentrations, International Advanced Technologies Symposium (IATS17), 19-22 October 2017, Elazığ, TURKEY. | Oral presentation |

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| B.53 | Asim Mantarcı, Bayram Gündüz , Controlling of Optical Constants of 26DczPPy Organic Material with Solvents, International Advanced Technologies Symposium (IATS17), 19-22 October 2017, Elazığ, TURKEY. | Oral presentation |
| B.54 | Niyazi Bulut and Bayram Gündüz , Electronic and photonic properties of the organic semiconductors with theoretical and experimental techniques for various conditions: 2,2':5',2'':5'',2'''-Quaterthiophene (4T), 8th International Advances in Applied Physics & Materials Science Congress and Exhibition (APMAS2018), Gebze Technical University, April 24-30, 2018 in Oludeniz, TURKEY. | Invited Speaker |
| B.55 | Niyazi Bulut, Bayram Gündüz , Comparison of Optoelectronic Properties of Organic Semiconductors with Film and Solution Techniques, International Conference on Physical Chemistry and Functional Materials (PCFM'18)-June 19-21, 2018, Fırat University, Elazığ-Turkey. | Oral presentation (Full Text) |
| B.56 | Cahit Örek, Faruk Arslan, Bayram Gündüz , Omer Kaygili, Niyazi Bulut, Ismail Ercan, Modeling the Emission Spectra of 2-tert-butyl-9,10-di(naphth-2-yl)anthracene (TBADN), International Conference on Physical Chemistry and Functional Materials (PCFM'18)-June 19-21, 2018, Fırat University, Elazığ-Turkey. | Oral presentation |
| B.57 | Bayram Gündüz and Mustafa Kurban, Controlling Photophysical Properties and Electronic Structure of PTCDI-C8 Nanostructure, International Conference on Physical Chemistry and Functional Materials (PCFM'18)-June 19-21, 2018, Fırat University, Elazığ-Turkey. | Oral presentation (Full Text) |
| B.58 | Nevin Turan, Kenan Buldurun, Bayram Gündüz , Naki Çolak, Cobalt(II) and Palladium(II) Complexes Based on Schiff Base Ligand Derived from Bromo-Salicylaldehyde; Synthesis Characterization and Optical Studies, International Conference on Physical Chemistry and Functional Materials (PCFM'18)-June 19-21, 2018, Fırat University, Elazığ-Turkey. | Oral presentation (Full Text) |
| B.59 | Adnan Kurt, Bayram Gündüz , Murat Koca, Concentration Effect on the Optical Properties of 4-Chloromethyl-7-Hydroxy Coumarin Compound, International Conference on Physical Chemistry and Functional Materials (PCFM'18)-June 19-21, 2018, Fırat University, Elazığ-Turkey. | Oral presentation (Full Text) |
| B.60 | Kenan Buldurun, Nevin Turan, Bayram Gündüz, Naki Çolak, Synthesis, Characterizations, Structure–Activity Relations of Cobalt and Palladium Complexes and Photonic Properties, International Conference on Physical Chemistry and Functional Materials (PCFM'18)-June 19-21, 2018, Fırat University, Elazığ-Turkey. | Oral presentation (Full Text) |
| B.61 | Riyadh Saeed Agid, Omer Kaygili, Serhat Keser, Bayram Gündüz , Ismail Ercan, A Detailed X-Ray Diffraction Characterization of Mg-Substituted Hydroxyapatites, International Conference on Physical Chemistry and Functional Materials (PCFM'18)-June 19-21, 2018, Fırat University, Elazığ-Turkey. | Oral presentation |
| B.62 | Ragıp Adigüzel, Kenan Buldurun, Bayram Gündüz , Nevin Turan, Yildiray Topcu, The Effect on Optical Parameters of Tetraaquabis (Saccharinato) Hg(II) Dihydrate Complex of Some Solvents, International Conference on Physical Chemistry and Functional Materials (PCFM'18)-June 19-21, 2018, Fırat University, Elazığ-Turkey. | Oral presentation (Full Text) |
| B.63 | Adnan Kurt, Bayram Gündüz , Murat Koca, A Comprehensive Study on 4-Chloro-7-Methacryloyloxy Coumarin (CMAOC) for Optoelectronic Devices, International Conference on Physical Chemistry and Functional Materials (PCFM'18)-June 19-21, 2018, Fırat University, Elazığ-Turkey. | Poster |
| B.64 | Faruk Arslan, Cahit Örek, Bayram Gündüz , Omer Kaygili, Niyazi Bulut, Ismail Ercan, Refractive Indices of 2-tert-butyl-9,10-di(naphth-2-yl)anthracene (TBADN) Compound: A Long-Range Corrected DFT Study, International Conference on Physical Chemistry and Functional Materials (PCFM'18)-June 19-21, 2018, Fırat University, Elazığ-Turkey. | Poster |
| B.65 | Nevin Turan, Kenan Buldurun, Bayram Gündüz , Naki Çolak, Refractive Indices and Refractive Index Dispersion Features of Co(II) and Pd(II) Complexes for Different Solvents, International Conference on Physical Chemistry and Functional Materials (PCFM'18)-June 19-21, 2018, Fırat University, Elazığ-Turkey. | Poster |
| B.66 | Kenan Buldurun, Nevin Turan, Bayram Gündüz , Naki Çolak, Synthesis, Characterization, Electronic and Optoelectronic Parameters of Two New Complexes, International Conference on Physical Chemistry and Functional Materials (PCFM'18)-June 19-21, 2018, Fırat University, Elazığ-Turkey. | Poster |
| B.67 | Kenan Buldurun, Bayram Gündüz , Nevin Turan, Naki Çolak, Structure–Activity Relations and Optical Properties of Schiff Base, International Conference on Physical Chemistry and Functional Materials (PCFM'18)-June 19-21, 2018, Fırat University, Elazığ-Turkey. | Poster |
| B.68 | Adnan Kurt, Bayram Gündüz , Murat Koca, Optical Properties of 4-Chloromethyl-7-Hydroxy Coumarin Compound in Different Solvents, International Conference on Physical Chemistry and Functional Materials (PCFM'18)-June 19-21, 2018, Fırat University, Elazığ-Turkey. | Poster |
| B.69 | Adnan Kurt, Bayram Gündüz , Murat Koca, Determination of Optoelectronic Parameters of 4-Chloro-7-Methacryloyloxy Coumarin in Different Concentrations, International Conference on | Poster |

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| | Physical Chemistry and Functional Materials (PCFM'18)-June 19-21, 2018, Fırat University, Elazığ-Turkey. | |
| B.70 | Kenan Buldurun, Bayram Gündüz , Nevin Turan, Naki Çolak, Synthesis, Characterizations of Schiff Base Complexes and Their Optical Properties, International Conference on Physical Chemistry and Functional Materials (PCFM'18)-June 19-21, 2018, Fırat University, Elazığ-Turkey. | Poster |
| B.71 | Ragıp Adiguzel, Kenan Buldurun, Bayram Gündüz , Nevin Turan, Yıldıray Topcu, Dispersion of Refractive Index of Tetraaquabis(Saccharinato)Cd(II) Dihydrate Complex for Different Solvents and Relations, International Conference on Physical Chemistry and Functional Materials (PCFM'18)-June 19-21, 2018, Fırat University, Elazığ-Turkey. | Poster |
| B.72 | Ragıp Adiguzel, Kenan Buldurun, Bayram Gündüz , Yıldıray Topcu, Comparison of Refractive Indices of Tetraaquabis(Saccharinato)Metal(II)Dihydrate Complexes [Metal: Cd(II) and Hg(II)] for Different Conditions, International Conference on Physical Chemistry and Functional Materials (PCFM'18)-June 19-21, 2018, Fırat University, Elazığ-Turkey. | Poster |
| B.73 | Bayram Gündüz and Mustafa Kurban, Electronic Structure, Optical and Spectroscopic Properties of BCZVB Organic Molecule, International Conference on Physical Chemistry and Functional Materials (PCFM'18)-June 19-21, 2018, Fırat University, Elazığ-Turkey. | Poster |
| B.74 | Riyadh Saeed Agid, Omer Kaygili, Bayram Gündüz , Ismail Ercan, A Morphological Analysis of Nanostructured ZnO Powder, International Conference on Physical Chemistry and Functional Materials (PCFM'18)-June 19-21, 2018, Fırat University, Elazığ-Turkey. | Poster |
| B.75 | Niyazi Bulut and Bayram Gündüz , Comparison of theoretical and experimental optoelectronic properties of single walled carbon nanotube nanomaterial, 4th World Congress on Materials Science & Engineering, August 13-15, 2018, London, UK. | Invited Speaker |
| B.76 | Emine Tanış, Emine Babur Sas, Bayram Gündüz , Mustafa Kurt, Comparison of the dielectric and refractive indices of the TDAPA organic semiconductor for various conditions, International Congress on the World of Technology and Advanced Materials (WITAM-2018), Kırşehir Ahi Evran University, Kırşehir, Turkey, September 21-23, 2018. | Oral presentation (Full Text) |
| B.77 | Tankut Ates, Ismail Ercan, Bayram Gündüz , Hanifi Kebiroglu, Cahit Orek, Niyazi Bulut, Omer Kaygili, Thermodynamic properties of MgO: A theoretical study, International Congress on the World of Technology and Advanced Materials (WITAM-2018), Kırşehir Ahi Evran University, Kırşehir, Turkey, September 21-23, 2018. | Oral presentation |
| B.78 | Tankut Ates, Ismail Ercan, Bayram Gündüz , Omer Kaygili, Hanifi Kebiroglu, Cahit Orek, Niyazi Bulut, Theoretical study of the electronic structure properties of MgO, International Congress on the World of Technology and Advanced Materials (WITAM-2018), Kırşehir Ahi Evran University, Kırşehir, Turkey, September 21-23, 2018. | Oral presentation |
| B.79 | Tankut Ates, Ismail Ercan, Niyazi Bulut, Bayram Gündüz , Hanifi Kebiroglu, Omer Kaygili, Turan İnce, A detailed X-ray diffraction (XRD) characterization of ZnO structure, International Congress on the World of Technology and Advanced Materials (WITAM-2018), Kırşehir Ahi Evran University, Kırşehir, Turkey, September 21-23, 2018. | Poster |
| B.80 | Bayram Gündüz , Optical behaviours of hetero-solution of organic small molecule and nanofiber, International Congress on the World of Technology and Advanced Materials (WITAM-2018), Kırşehir Ahi Evran University, Kırşehir, Turkey, September 21-23, 2018. | Oral presentation (Full Text) |
| B.81 | Bayram Gündüz , Refractive indices and dispersions of PTCDI-C5: PPTTPP (1:1) hetero-solution for different concentrations and relations, International Congress on the World of Technology and Advanced Materials (WITAM-2018), Kırşehir Ahi Evran University, Kırşehir, Turkey, September 21-23, 2018. | Oral presentation (Full Text) |
| B.82 | Ragıp Adiguzel, Kenan Buldurun, Bayram Gündüz , Nevin Turan, Yıldıray Topcu, The effect on optical parameters of tetraaquabis(saccharinato) Mn(II)dihydrate complex of some solvents, V International Multidisciplinary Congress of Eurasia, 24-26 July, 2018. | Oral presentation (Full Text) |
| B.83 | Emine Babur Şaş, Mustafa Kurban, Bayram Gündüz , Mustafa Kurt, Evaluation of Performance of Functionals to Estimate Charge Transport Properties and Excited-State Energies, International Congress on the World of Technology and Advanced Materials (WITAM-2018), Kırşehir Ahi Evran University, Kırşehir, Turkey, September 21-23, 2018. | Oral presentation (Full Text) |
| B.84 | Niyazi Bulut, Hanifi Kebiroglu, Bayram Gündüz , Tankut Ateş, Ömer Kaygılı, Investigation of Thermal Properties of NiO Nanopowder, 12th Chemical Physics Congress (CPC–XII), Safranbolu, Turkey, 12–13 October 2018. | Poster |
| B.85 | Ayşe Tan, Serap Kizilkaya, Bayram Gündüz and Yunus Kara, Synthesis and optical properties of some isoindole-1,3-dione compounds, International Conference on Multidisciplinary, Science, Engineering and Technology (IMESET'18 Dubai), 25.10.2018 -27.10.2018 | Oral presentation |
| B.86 | Bayram Gündüz , Fabrication and electronic properties of a diode based on organic material, International Conference on Sustainable Energy & Energy Calculations (ICSEEC), Turkish-German University, Muğla, Turkey, 12-14 April 2019. | Oral presentation (Full Text) |

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| B.87 | Bayram Gündüz , Optoelectronic device based on gold nanoparticle, International Conference on Sustainable Energy & Energy Calculations (ICSEEC), Turkish-German University, Muğla, Turkey, 12-14 April 2019. | Oral presentation (Full Text) |
| B.88 | Hanifi Kebiroglu, Bayram Gündüz , Sultan Erkan, Omer Kaygili, and Niyazi Bulut, A Theoretical Study on Purple Dye Organic Material, 2 nd International Conference on Physical Chemistry and Functional Materials (PCFM'19), Cappadocia, Nevşehir-Turkey, June 25-27, 2019. | Oral presentation |
| B.89 | Kenan Buldurun, Nevin Turan, Bayram Gündüz , Naki Çolak, Synthesis, Spectroscopic, Optical Properties of Novel Thiophene Based On Donor Schiff Base and Co(II) and Ru(II) Complexes, 2 nd International Conference on Physical Chemistry and Functional Materials (PCFM'19), Cappadocia, Nevşehir-Turkey, June 25-27, 2019. | Oral presentation (Full Text) |
| B.90 | Kenan Buldurun, Nevin Turan, Bayram Gündüz , Naki Çolak, Spectral Characterization, Controlling Of Refractive Index of Schiff Base Ligand and Fe(II), Pd(II) Complexes, 2 nd International Conference on Physical Chemistry and Functional Materials (PCFM'19), Cappadocia, Nevşehir-Turkey, June 25-27, 2019. | Oral presentation (Full Text) |
| B.91 | Nevin Turan, Kenan Buldurun, Bayram Gündüz , Naki Çolak, Fe(II) Complex with A Novel Azomethine Schiff Base Ligand: Synthesis, Characterization and Conductivity Properties, 2 nd International Conference on Physical Chemistry and Functional Materials (PCFM'19), Cappadocia, Nevşehir-Turkey, June 25-27, 2019. | Oral presentation (Full Text) |
| B.92 | Nevin Turan, Kenan Buldurun, Bayram Gündüz , Naki Çolak, Synthesis, Structural, Spectroscopic Characterization and Sensing Parameters of Pd(II) and Ru(II) Complexes, 2 nd International Conference on Physical Chemistry and Functional Materials (PCFM'19), Cappadocia, Nevşehir-Turkey, June 25-27, 2019. | Oral presentation (Full Text) |
| B.93 | Mustafa Mamand Dyari, Hazhar Hamad Rasul, Bayram Gündüz , Niyazi Bulut, Geometrical and Electronic Structures of Benzimidazobenzophenanthroline, 2 nd International Conference on Physical Chemistry and Functional Materials (PCFM'19), Cappadocia, Nevşehir-Turkey, June 25-27, 2019. | Oral presentation |
| B.94 | Hamad Rasul Hazhar, Dyari Mustafa Mamand, Hunar Hama Khalid, Bayram Gündüz , Niyazi Bulut, Spectroscopic Properties of Anthra [2,3-b;6,7-b'] Dithiophene Organic Material, 2 nd International Conference on Physical Chemistry and Functional Materials (PCFM'19), Cappadocia, Nevşehir-Turkey, June 25-27, 2019. | Oral presentation |
| B.95 | Bayram Gündüz , Photo-electrical Properties of MDMO-PPV Device, 2 nd International Conference on Physical Chemistry and Functional Materials (PCFM'19), Cappadocia, Nevşehir-Turkey, June 25-27, 2019. | Oral presentation (Full Text) |
| B.96 | Ragip Adiguzel, Bayram Gündüz , Conductivity Properties of BTEM-PPV Organic Material, 2 nd International Conference on Physical Chemistry and Functional Materials (PCFM'19), Cappadocia, Nevşehir-Turkey, June 25-27, 2019. | Oral presentation (Full Text) |
| B.97 | Ragip Adiguzel, Bayram Gündüz , Refractive Indices of BTEM-PPV Organic Material, 2 nd International Conference on Physical Chemistry and Functional Materials (PCFM'19), Cappadocia, Nevşehir-Turkey, June 25-27, 2019. | Oral presentation (Full Text) |
| B.98 | Bayram Gündüz , Optoelectronic Properties of Silk Fibroin Solution for Biomaterial Applications, 3 rd International Congress on Advances in Bioscience and Biotechnology (ICABB), Kiev-Ukraine, July 10-14, 2019. | Oral presentation (Full Text) |
| B.99 | Bayram Gündüz , Refractive Indices and Dispersion of SF Protein Polymer, 3 rd International Congress on Advances in Bioscience and Biotechnology (ICABB), Kiev-Ukraine, July 10-14, 2019. | Oral presentation (Full Text) |
| B.100 | Niyazi Bulut, Bayram Gündüz , Comparisons of Theoretical and Experimental Optoelectronic Properties of the Organic Semiconductor, 12 th International Symposium on Photonics and Optoelectronics (SOPO 2019), Xi'an, China, August 17-19, 2019. | Keynote Speaker |
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E. ULUSAL BİLİMSEL TOPLANTILARDA SUNULAN VE BİLDİRİ KİTAPLARINDA BASILAN BİLDİRİLER

| Eser No | Bildiri Künyesi: Yazar(lar), Bildiri Adı, Etkinlik Adı, Yeri ve Tarihi | Bildiri Türü |
|----------------|--|---------------------|
| E.1 | Bayram Gündüz , Poly[2-methoxy-5-(2-ethyl)hexoxy-1,4-phenylenevinylene] (MEH-PPV) ve Fullerene C ₆₀ ile Hazırlanan Al/n-Si/C ₆₀ :MEH-PPV/Al Fotodiyodunun Elektriksel ve Fotovoltaik Özellikleri, 3. Ulusal Polimer Bilim ve Teknoloji Kongresi, Kocaeli Üniversitesi, Kocaeli, 12-14 Mayıs 2010. | Poster (Tam Metin) |
| E.2 | Bayram Gündüz , Aydınlanmanın ITO/MEH-PPV/Al Fotodiyodunun Akım-Voltaj Karakteristikleri Üzerindeki Etkisi, 3. Ulusal Polimer Bilim ve Teknoloji Kongresi, Kocaeli Üniversitesi, Kocaeli, 12-14 Mayıs 2010. | Poster (Tam Metin) |

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| E.3 | Bayram Gündüz , Polimerlerle Hazırlanan Metal-Yarıiletken/Metal-Yalıtkan-Yarıiletken/Fotodiyot ve Alan Etkili Transistörlerin Elektriksel ve Fotovoltaik Özellikleri, 3. Ulusal Polimer Bilim ve Teknoloji Kongresi, Kocaeli Üniversitesi, Kocaeli, 12-14 Mayıs 2010. | Poster |
| E.4 | Bayram Gündüz , Polimer ve Organik Yarıiletken Kullanılarak Al/p-Si/PCBM: MEH-PPV/Al İnorganik Fotodiyodun Hazırlanması ve Akım-Voltaj Karakteristikleri, 24. Ulusal Kimya Kongresi, Zonguldak Karaelmas Üniversitesi, Fen-Edebiyat Fakültesi, Kimya Bölümü, Zonguldak, 29-Haziran-02 Temmuz 2010. | Poster |
| E.5 | Bayram Gündüz , Hazırlanan ITO/MEH-PPV: PCBM/Al Organik Fotodiyotların Fotoiletkenlik Karakteristikleri ve Çözücünün Fotovoltaik Parametreleri Üzerindeki Etkisi, 24. Ulusal Kimya Kongresi, Zonguldak Karaelmas Üniversitesi, Fen-Edebiyat Fakültesi, Kimya Bölümü, Zonguldak, 29-Haziran-02 Temmuz 2010. | Poster |
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| 1 | Organik Yarıiletken Malzemelerin Üretilmesi ve Optiksel Elektriksel Özelliklerinin Araştırılması, TÜBİTAK Projesi (TÜBİTAK-105T137), Araştırmacı/Uzman , 2005-2009. |
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| 9 | Poli[2,2'-bitiyofen]-5,5'-dil bis(4-metilbenzoat)' ın Sentez, Karakterizasyonu ile Optik ve Elektriksel Özelliklerinin Araştırılması, BAP Projesi (MŞÜ-BAP-0003), Araştırmacı , 2012-2014. |
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