



DOÇ. SELAMİ PALAZ

Kişisel Bilgiler

Eposta: spalaz@harran.edu.tr
Birimi : Yüksek Enerji ve Plazma Fiziği
Dahili : 3574

Makaleler (YOKSIS)

- 1 A DFT Based QSARs Study of Acetazolamide Sulfanilamide Derivatives with Carbonic Anhydrase CA II Isozyme Inhibitory Activity**
EROĞLU EROL, TÜRKMEN HASAN, GÜLER SEMRA, PALAZ SELAMİ, OLTULU ORAL
International Journal of Molecular Sciences, <http://www.mdpi.com/1422-0067/8/2/145/>
- 2 A QSPR Study for the Prediction of the pKa of N-Base Ligands and Formation Constant Kc of Bis (2,2'-bipyridine) Platinum(II)-N-Base Adducts Using Quantum Mechanically Derived Descriptors**
PALAZ SELAMİ, TÜRKKAN BAKI, EROĞLU EROL
ISRN Physical Chemistry, <https://www.hindawi.com/journals/isrn/2012/260171/>
- 3 A(I)B(III)C(2)(VI) (A = Cu, Ag B = Ga, In C = S, Se, Te) based photonic crystal superlattices: Optical properties**
ŞİMŞEK ŞEVKET, PALAZ SELAMİ, AKHUNDOV CHİNGİZ, MAMEDOV AMİRULLAH M, ÖZBAY EKMELE
Physica Status Solidi C, <https://onlinelibrary.wiley.com/doi/abs/10.1002/pssc.201600156>
- 4 AVBVICVII ferroelectrics as novel materials for phononic crystals**
PALAZ SELAMİ, OLTULU ORAL, MAMEDOV AMİRULLAH M, ÖZBAY EKMELE
Ferroelectrics, <https://www.tandfonline.com/doi/full/10.1080/00150193.2017.1332966>
- 5 Band gap and optical transmission in the Fibonacci type one dimensional A5B6C7based photonic crystals**
ŞİMŞEK ŞEVKET, KOÇ HÜSNÜ, PALAZ SELAMİ, OLTULU ORAL, MAMEDOV AMİRULLAH M, ÖZBAY EKMELE
Physica Status Solidi C, <https://onlinelibrary.wiley.com/doi/abs/10.1002/pssc.201400244>
- 6 Band Structure and Optical Properties of Kesterite Type Compounds: first principle calculations**
PALAZ SELAMİ, ÜNVER HÜSEYİN, UĞUR GÖKAY, MAMEDOV AMİRULLAH M, ÖZBAY EKMELE
IOP Conference Series: Materials Science and Engineering, <https://iopscience.iop.org/article/10.1088/1757-899X/175/1/012014>

- 7 Band structure and transmission spectra in multiferroic based Sierpinski-carpet phononic crystal**
ÖZER ZAFER,PALAZ SELAMİ,MAMEDOV AMİRULLAH M,ÖZBAY EKMEL
European Physical Journal-Applied Physics,
- 8 Cluster Ab Initio Calculations of the Shape of Local Potential Well and of Positions for Oxygen Atoms in PCN (C=Cd)**
KARADAG FARUK,PALAZ SELAMİ,GUNGOR SULEYMAN,MAMEDOV AMİRULLAH M,Kvyatkovskii O E
Ferroelectrics,<https://www.tandfonline.com/doi/full/10.1080/00150190390204132>
- 9 Comparative QSTR Study Using Semi-Empirical and First Principle Methods Based Descriptors for Acute Toxicity of Diverse Organic Compounds to the Fathead Minnow**
EROĞLU EROL,PALAZ SELAMİ,OLTULU ORAL,TÜRKMEN HASAN,ÖZAYDIN CİHAT
International Journal of Molecular Sciences,<http://www.mdpi.com//1422-0067/8/12/1265/>
- 10 Complete photonic band gaps in Sn₂P₂X₆ (X = S, Se) supercell photonic crystals**
ŞİMŞEK ŞEVKET,PALAZ SELAMİ,KOÇ HÜSNÜ,MAMEDOV AMİRULLAH M,ÖZBAY EKMEL
Ferroelectrics,
- 11 Dönen Kare Çubuklu İki Boyutlu Fononik Kristalin Dispersiyon Özellikleri**
PALAZ SELAMİ,OLTULU ORAL,MAMEDOV AMİRULLAH M
Afyon Kocatepe Üniversitesi Fen Ve Mühendislik Bilimleri Dergisi,<https://dergipark.org.tr/pub/akufemubid/issue/51083/577855>
- 12 Dynamic Nonlinear Optical Processes in Some Oxygen Octahedra Ferroelectrics First Principle Calculations**
ŞİMŞEK ŞEVKET,KOÇ HÜSNÜ,PALAZ SELAMİ,OLTULU ORAL,MAMEDOV AMİRULLAH M,ÖZBAY EKMEL
Ferroelectrics,<http://www.tandfonline.com/doi/full/10.1080/00150193.2015.1058668>
- 13 Elastic and optical properties of sillenites: First principle calculations**
KOÇ HÜSNÜ,PALAZ SELAMİ,ŞİMŞEK ŞEVKET,MAMEDOV AMİRULLAH M,ÖZBAY EKMEL
Ferroelectrics,
- 14 Electronic and elastic properties of the multiferroic crystals with the Kagome type lattices - Mn₃V₂O₈ and Ni₃V₂O₈: First principle calculations**
KOÇ HÜSNÜ,PALAZ SELAMİ,MAMEDOV AMİRULLAH M,ÖZBAY EKMEL
Ferroelectrics,<https://www.tandfonline.com/doi/full/10.1080/00150193.2019.1598178>
- 15 Electronic and Optical Properties of Dy₂O₃: ab initio calculation**
HOROZ SEZEN,ŞİMŞEK ŞEVKET,PALAZ SELAMİ,MAMEDOV AMİRULLAH M,ÖZBAY EKMEL
International Journal of Scientificand Technological Research,<https://www.iiste.org/Journals/index.php/JSTR/article/view/23009/23526>
- 16 Electronic and Optical Properties of RareEarth Oxides Ab Initio Calculation**
HOROZ SEZEN,ŞİMŞEK ŞEVKET,PALAZ SELAMİ,MAMEDOV AMİRULLAH M
World Journal of Condensed Matter Physics,<https://www.scirp.org/journal/paperinformation.aspx?paperid=56780>
- 17 Electronic properties of spin excitation in multiferroics with a spinel structure: first principles calculation**

- 17 KOÇ HÜSNÜ,PALAZ SELAMİ,MAMEDOV AMİRULLAH M,ÖZBAY EKMEL
Ferroelectrics,<https://www.tandfonline.com/doi/full/10.1080/00150193.2019.1570010>
- 18 **Electronic, mechanical, and optical properties of Ruddlesden-Popper perovskite sulfides: First principle calculation**
KOÇ HÜSNÜ,PALAZ SELAMİ,UĞUR GÖKAY,MAMEDOV AMİRULLAH M,ÖZBAY EKMEL
Ferroelectrics,<https://www.tandfonline.com/doi/full/10.1080/00150193.2018.1474659>
- 19 **Ferroelectric based fractal phononic crystals: wave propagation and band structure**
PALAZ SELAMİ,ÖZER ZAFER,MAMEDOV AMİRULLAH M,ÖZBAY EKMEL
Ferroelectrics,
- 20 **Fibonacci sequences quasiperiodic A(5)B(6)C(7) ferroelectric based photonic crystal: FDTD analysis**
ŞİMŞEK ŞEVKET,PALAZ SELAMİ,MAMEDOV AMİRULLAH M,ÖZBAY EKMEL
Integrated Ferroelectrics,<https://www.tandfonline.com/doi/abs/10.1080/10584587.2017.1375824>
- 21 **Incommensurate Phase Transition and Electronic Properties of BaMnF4**
PALAZ SELAMİ,ŞİMŞEK ŞEVKET,KOÇ HÜSNÜ,Babayeva Rena F,MAMEDOV AMİRULLAH M,ÖZBAY EKMEL
IOP Conference Series:Materials Science and Engineering,<https://iopscience.iop.org/article/10.1088/1757-899X/613/1/012014>
- 22 **Mechanical electronic and optical properties of the A 4 B 6 layered ferroelectrics ab initio calculation**
KOÇ HÜSNÜ,ŞİMŞEK ŞEVKET,PALAZ SELAMİ,OLTULU ORAL,MAMEDOV AMİRULLAH M,ÖZBAY EKMEL
Physica Status Solidi C,<https://onlinelibrary.wiley.com/doi/abs/10.1002/pssc.201400245>
- 23 **Multi- Purpose Photonic Crystals-Based Sensor Design by Finite Element Method**
ÖZER ZAFER, PALAZ SELAMİ, MAMEDOV AMİRULLAH M, ÖZBAY EKMEL
Journal of Physics: Conference Series,<https://iopscience.iop.org/article/10.1088/1742-6596/2315/1/012040/pdf>
- 24 **Multiferroic based 2D phononic crystals: Band structure and wave propagations**
PALAZ SELAMİ,ÖZER ZAFER,AHUNDOV CENGİZ,MAMEDOV AMİRULLAH M,ÖZBAY EKMEL
FERROELECTRICS,<https://www.tandfonline.com/doi/full/10.1080/00150193.2019.1598193>
- 25 **Multiferroik BaMnF4 Bileşiğın Yapısal, Mekanik ve Elektronik Özelliklerinin İncelenmesi: Temel Prensi Yöntemi**
PALAZ SELAMİ
Afyon Kocatepe Üniversitesi Fen ve Mühendislik Bilimleri Dergisi,http://fenbildergi.aku.edu.tr/?page_id=589
- 26 **Multiple band gaps of a ferroelectric based 2D-phononic crystal slab**
PALAZ SELAMİ,OLTULU ORAL,MAMEDOV AMİRULLAH M,ÖZBAY EKMEL
Ferroelectrics,<https://www.tandfonline.com/doi/full/10.1080/00150193.2018.1474661>
- 27 **Observation of elastic Weyl points in ferroelectric based sonic metamaterials**
ÖZER ZAFER,PALAZ SELAMİ,MAMEDOV AMİRULLAH M,ÖZBAY EKMEL
FERROELECTRICS,<https://doi.org/10.1080/00150193.2023.2300603>

28 Optical and magnetic properties of some XMnSb and Co₂YZ Compounds: ab initio calculations

PALAZ SELAMİ, KOÇ HÜSNÜ, ÖZİŞİK HACI, DELİGÖZ ENGIN, MAMEDOV AMİRULLAH M, ÖZBAY EKMELE

Physica Status Solidi C, <https://onlinelibrary.wiley.com/doi/abs/10.1002/pssc.201600182>

29 Optical, electronic, and elastic properties of some A(5)B(6)C(7) ferroelectrics (A=Sb, Bi B=S, Se C=I, Br, Cl): First principle calculation

KOÇ HÜSNÜ, PALAZ SELAMİ, MAMEDOV AMİRULLAH M, ÖZBAY EKMELE

Ferroelectrics, <https://www.tandfonline.com/doi/full/10.1080/00150193.2017.1332967>

30 Phase Transition and Energy Spectra of Some Ferroelectrics-Ferroelastics

KARADAĞ FARUK, PALAZ SELAMİ, YILMAZ SÜLEYMAN, GUNGOR SULEYMAN, MAMEDOV AMİRULLAH M

Ferroelectrics, <https://www.tandfonline.com/doi/full/10.1080/00150190490492664>

31 Phononic band gap and wave propagation on multiferroic-based acoustic metamaterials

PALAZ SELAMİ, ÖZER ZAFER, OLTULU ORAL, MAMEDOV AMİRULLAH M, ÖZBAY EKMELE

Ferroelectrics, <http://dx.doi.org/10.1080/00150193.2019.1570016>

32 Photonic band gap of multiferroic-dielectric materials in the IR region: FDTD method

PALAZ SELAMİ, ŞİMŞEK ŞEVKET, MAMEDOV AMİRULLAH M, ÖZBAY EKMELE

Ferroelectrics, <https://www.tandfonline.com/doi/full/10.1080/00150193.2019.1570011>

33 Polarization Induced Electronic Processes in a Quantum Well

MAMEDOV AMİRULLAH M, KARADAĞ FARUK, GUNGOR SULEYMAN, PALAZ SELAMİ, ÇOLAK YUNUS

Ferroelectrics,

34 SbSI Based Photonic Crystal Superlattices Band Structure and Optics

ŞİMŞEK ŞEVKET, KOÇ HÜSNÜ, PALAZ SELAMİ, OLTULU ORAL, MAMEDOV AMİRULLAH M, ÖZBAY EKMELE

IOP Conference Series: Materials Science and Engineering, <https://iopscience.iop.org/article/10.1088/1757-899X/77/1/012020>

35 Second Harmonic Generation in Generalized Ferroelectric Superlattices

ÖZER ZAFER, PALAZ SELAMİ, MAMEDOV AMİRULLAH M, ÖZBAY EKMELE

Integrated Ferroelectrics, <http://dx.doi.org/10.1080/10584587.2021.1921532>

36 Slater Insulator Phase of X₂(X=Na, Li)IrO₃: First Principles Calculation

KOÇ HÜSNÜ, PALAZ SELAMİ, MAMEDOV AMİRULLAH M, ÖZBAY EKMELE

Integrated Ferroelectrics, <http://dx.doi.org/10.1080/10584587.2021.1921537>

37 Spectral scalability and optical spectra of fractal multilayer structures: FDTD analysis

ŞİMŞEK ŞEVKET, PALAZ SELAMİ, MAMEDOV AMİRULLAH M, ÖZBAY EKMELE

Applied Physics A, <https://link.springer.com/article/10.1007/s00339-016-0628-0>

38 The Mechanical, Electronic and Optical Properties of Sn₂P₂S₆ Compound in Different Phases

KOÇ HÜSNÜ, PALAZ SELAMİ, ŞİMŞEK ŞEVKET, MAMEDOV AMİRULLAH M, ÖZBAY EKMELE

Integrated Ferroelectrics, <http://dx.doi.org/10.1080/10584587.2021.1921535>

39 Topological Insulators: Electronic Band Structure and Spectroscopy

PALAZ SELAMİ,KOÇ HÜSNÜ,MAMEDOV AMİRULLAH M,ÖZBAY EKMELE

IOP Conference Series: Materials Science and Engineering,<https://iopscience.iop.org/article/10.1088/1757-899X/175/1/012004>**40 Two-dimensional phononic band structure of archimedean-logarithmic spiral-based slabs**

PALAZ SELAMİ,OLTULU ORAL,MAMEDOV AMİRULLAH M,ÖZBAY EKMELE

Ferroelectrics,<https://www.tandfonline.com/doi/full/10.1080/00150193.2019.1598196>**41 Wave propagation on a ferroelectric liquid crystal based acoustic metamaterial**

PALAZ SELAMİ

Ferroelectrics,

Bildiriler (YOKSIS)**1 A5B6C7 Ferroelectrics as Novel Materials for Phononic Crystals**

PALAZ SELAMİ,OLTULU ORAL,MAMEDOV AMİRULLAH M,ÖZBAY EKMELE

13th Russia/CIS/Baltic/Japan Symposium on Ferroelectricity and International Workshop on Relaxor Ferroelectrics 2016 (RCBJSF -IWRF) ,

2 ABO3 (A=Sr, K. B=Ti, Nb) Ferroelektrik Yapılarda Optik Kuvvet Sabitlerinin Ab-Initio Hesaplanması

MAMEDOV AMİRULLAH M,GÜNGÖR SERKAN,KARADAĞ FARUK,PALAZ SELAMİ

Türk Fizik Derneği 19. Fizik Kongresi ,

3 Acoustic Phononic Crystals with Square-Shaped Scatterers for Two Dimensional Structures

OLTULU ORAL,DEMİR MEHTAP,PALAZ SELAMİ,MAMEDOV AMİRULLAH M,ÖZBAY EKMELE

ISITES2017 5th International Symposium on Innovative Technologies in Engineering and Science ,

4 Acoustic Phononic Crystals with Square-Shaped Scatterers for Two-Dimensional Structures

OLTULU ORAL,DEMİR MEHTAP,PALAZ SELAMİ,MAMEDOV AMİRULLAH M,ÖZBAY EKMELE

ISITES2017 5th International Symposium on Innovative Technologies in Engineering and Science ,

5 AIBIICVI2 (A=Cu, Ag B=Ga, In C =S, Se, Te) Based Photonic Crystal Superlattices: Optical Properties

ŞİMŞEK ŞEVKET,PALAZ SELAMİ,AKHUNDOV CHİNGİZ,MAMEDOV AMİRULLAH M,ÖZBAY EKMELE

20th International Conference on Ternary and Multinary Compounds (ICTMC 20) ,

6 Band Gap and Optical Transmission in the Fibonacci Type One-Dimensional A5B6C7 Based Photonic Crystals

ŞİMŞEK ŞEVKET,KOÇ HÜSNÜ,PALAZ SELAMİ,OLTULU ORAL,MAMEDOV AMİRULLAH M,ÖZBAY EKMELE

19th International Conference on Ternary and Multinary Compounds (ICTMC-19) ,

7 Band Gap and Wave Propagation on Liquid Crystal Based Sonic Metamaterials

PALAZ SELAMİ

META-2019, The 10th International Conference on Metamaterials, Photonic Crystals and Plasmonics ,

- 8 Band gap and wave propagation on PVDF based topological Hausdorff and Sierpinski dimension of quasi-fractal phononic crystals: finite element analysis**
PALAZ SELAMİ, ÖZER ZAFER, MAMEDOV AMİRULLAH M, ÖZBAY EKMEL
8th International Conference: Modern Trends in Physics , <http://mtp2023.bsu.edu.az/>
- 9 Band Structure and Optical Properties of Kesterite Type Compounds: first principal calculations**
PALAZ SELAMİ,ÜNVER HÜSEYİN,UĞUR GÖKAY,MAMEDOV AMİRULLAH M,ÖZBAY EKMEL
The 4th International Conference on Competitive Materials and Technology Processes (ic-cmtp4) ,
- 10 Band Structure and Optical Properties of the A4B6 Layered Ferroelectrics: ab initio calculations**
KOÇ HÜSNÜ,ŞİMŞEK ŞEVKET,PALAZ SELAMİ,OLTULU ORAL,MAMEDOV AMİRULLAH M,ÖZBAY EKMEL
19th International Conference on Ternary and Multinary Compounds (ICTMC-19) ,
- 11 Band Structure and Transmission in Multiferroic based Sierpinski Carpet Phononic Crystal**
PALAZ SELAMİ,ÖZER ZAFER,MAMEDOV AMİRULLAH M,ÖZBAY EKMEL
META-2019, The 10th International Conference on Metamaterials, Photonic Crystals and Plasmonics ,
- 12 Cluster Ab Initio Calculations of the Local Potential Well and of Positions Oxygen Atoms in PCN and BCN (C=Cd) ” RCBJSF-7**
KARADAĞ FARUK,PALAZ SELAMİ,GÜNGÖR AHMET,MAMEDOV AMİRULLAH M,Kvyatkovskii O E
Symposium on Ferroelectricity ,
- 13 Complete Photonic Band Gaps in Sn2P2X6 (X=S, Se) Supercell Photonic Crystals**
ŞİMŞEK ŞEVKET,PALAZ SELAMİ,KOÇ HÜSNÜ,MAMEDOV AMİRULLAH M,ÖZBAY EKMEL
EMF 2019, 14th European Meeting of Ferroelectricity ,
- 14 Complex Band Structure and Dispersion Relation of Acoustic Waves in Piezoelectric Based Topological Phononic Crystals**
PALAZ SELAMİ,ÖZER ZAFER,ŞİMŞEK ŞEVKET,KOÇ HÜSNÜ,MAMEDOV AMİRULLAH M,ÖZBAY EKMEL
META-2019, The 10th International Conference on Metamaterials, Photonic Crystals and Plasmonics ,
- 15 Conformation Analysis of 1'-Benzyl-1-(2,4-dimethoxyphenyl)-3-phenoxy-spiro (azetidine-2,3'(3H)-indole)-2'4,(1H)-dione by DFT calculations**
YALÇIN ŞERİFE,PALAZ SELAMİ,OLTULU ORAL,AKKURT MEHMET,EROĞLU EROL
Advances in Applied Physics and Materials Science Congress, (APMAS-2011) ,
- 16 Dirac Cone and Topological States in 2D Phononic Crystals**
ÖZER ZAFER, PALAZ SELAMİ, MAMEDOV AMİRULLAH M, ÖZBAY EKMEL
ec-siliconf2 the 2 nd European Conference on Silicon and Silica Based Materials and ic-cmtp6 the 6 th International Conference on Competitive Materials and Technology Processes ,
- 17 Elastic and optical properties of Ruddlesden-Popper perovskites - ab initio calculation**
PALAZ SELAMİ,KOÇ HÜSNÜ,UĞUR GÖKAY,ÖZBAY EKMEL,MAMEDOV AMİRULLAH M
The 14th International Meeting on Ferroelectricity ,
- 18 Elastic and Optical Properties of Sillenites: First Principle Calculations**
KOÇ HÜSNÜ,PALAZ SELAMİ,ŞİMŞEK ŞEVKET,MAMEDOV AMİRULLAH M,ÖZBAY EKMEL
EMF 2019, 14th European Meeting of Ferroelectricity ,

- 19 Electronic and elastic properties of the multiferroic crystals with the Kagome type lattices - Mn₃V₂O₈ and Ni₃V₂O₈: First principle calculations**
KOÇ HÜSNÜ, PALAZ SELAMİ, MAMEDOV AMİRULLAH M, ÖZBAY EKMELE
European Conference on Applications of Polar Dielectrics (ECAPD-2018) ,
<http://cplire.ru:8080/4444/1/Kiselev2028ECAPD-2018292028c.2010529.pdf>
- 20 Electronic Properties of Multiferroics with Spinel structure: First principles calculation**
KOÇ HÜSNÜ, PALAZ SELAMİ, MAMEDOV AMİRULLAH M, ÖZBAY EKMELE
14th Russia/CIS/Baltic/Japan Symposium on Ferroelectricity (RCBJSF 2018) ,
- 21 Electronic Structure and Optical Properties of Ruddlesden-Popper Perovskite Sulfides: first principle calculation**
KOÇ HÜSNÜ, PALAZ SELAMİ, UĞUR GÖKAY, MAMEDOV AMİRULLAH M, ÖZBAY EKMELE
20th International Conference on Ternary and Multinary Compounds (ICTMC 20) ,
- 22 Electronic Structures Optical and Magnetic Properties of Some Heusler Compounds for Spintronic Devices: ab initio calculations**
PALAZ SELAMİ, KOÇ HÜSNÜ, ÖZİŞİK HACI, DELİGÖZ ENGİN, MAMEDOV AMİRULLAH M, ÖZBAY EKMELE
The 4th International Conference on Competitive Materials and Technology Processes (ic-cmtp4) ,
- 23 Ferroelectric based Fractal Phononic Crystals: Wave Propagation and Band Structure**
PALAZ SELAMİ, ÖZER ZAFER, MAMEDOV AMİRULLAH M, ÖZBAY EKMELE
EMF 2019, 14th European Meeting of Ferroelectricity ,
- 24 Fibonacci Sequences Quasiperiodic A₅B₆C₇ Ferroelectric Based Photonic Crystals: FDTD analysis**
PALAZ SELAMİ, ŞİMŞEK ŞEVKET, MAMEDOV AMİRULLAH M, ÖZBAY EKMELE
13th Russia/CIS/Baltic/Japan Symposium on Ferroelectricity and International Workshop on Relaxor Ferroelectrics 2016 (RCBJSF -IWRFF) ,
- 25 First QSAR Study of Coumarins as Carbonic Anhydrase (CA-I and CA IX) Isozymes Inhibitor**
MURATOVIĆ SAMIJA, PALAZ SELAMİ, EROĞLU EROL
10th International Symposium on Pharmaceutical Sciences (ISOPS-10) ,
- 26 Incommensurate Phase Transition and Electronic Properties of BaMnF₄**
PALAZ SELAMİ, KOÇ HÜSNÜ, BABAYEVA RENA F, MAMEDOV AMİRULLAH M, ÖZBAY EKMELE
5th International Conference on Competitive Materials and Technology Processes (ic-cmtp5) ,
https://www.ic-cmtp5.eu/doc/book_of_abstract_iccmtp5.pdf
- 27 Influence of the Phase Transition on the Mechanical, Electronic and Optical Properties of Sn₂P₂S₆ Compounds**
KOÇ HÜSNÜ, PALAZ SELAMİ, ŞİMŞEK ŞEVKET, MAMEDOV AMİRULLAH M, ÖZBAY EKMELE
Functional Materials and Nanotechnologies FM&NT-2020 , <http://www.fmnt.ff.vu.lt/>
- 28 Mass-Density Image Simulation by X-Ray Diffraction Enhanced Imaging**
YAŞAR MEHMET MURAT, EROĞLU EROL, PALAZ SELAMİ, BABUR YUNUS, OLTULU ORAL
24th International Physics Congress of Turkish Physical Society ,
- 29 Metamaterials: New Trends in Photonics**

- 29 PALAZ SELAMİ, MAMEDOV AMİRULLAH M
International Scientific Conference for the Actual Issues Applied Physics and of Energy ,
- 30 **Multi-Purpose Photonic Crystal-Based Sensor Design by Finite Element Method**
ÖZER ZAFER, PALAZ SELAMİ, MAMEDOV AMİRULLAH M, ÖZBAY EKMELE
ec-siliconf2 the 2 nd European Conference on Silicon and Silica Based Materials and ic-cmtp6 the 6 th International Conference on Competitive Materials and Technology Processes , <https://www.ec-siliconf.eu/>
- 31 **Multiple bandgaps of ferroelectric based two-dimensional phononic crystals slab with Archmedes and Fibonacci spiral holes**
MAMEDOV AMİRULLAH M, PALAZ SELAMİ, OLTULU ORAL, ÖZBAY EKMELE
The 14th International Meeting on Ferroelectricity ,
- 32 **Narrow Band Ferroelectrics: Density of States**
PALAZ SELAMİ
International Scientific Conference for the Actual Issues Applied Physics and of Energy ,
- 33 **Optical and Magnetic Properties of Some X₂YZ Compounds ab initio calculations**
PALAZ SELAMİ, KOÇ HÜSNÜ, ÖZİŞİK HACI, DELİGÖZ ENGİN, MAMEDOV AMİRULLAH M, ÖZBAY EKMELE
20th International Conference on Ternary and Multinary Compounds (ICTMC 20) ,
- 34 **Optical, Electronic and Elastic Properties of Some A₅B₆C₇ Ferroelectrics (A=Sb, Bi B=S, Se C=I, Br, Cl): first principle calculation**
KOÇ HÜSNÜ, PALAZ SELAMİ, MAMEDOV AMİRULLAH M, ÖZBAY EKMELE
13th Russia/Baltic/ Japan Symposium on Ferroelectricity International Workshop Relaxor Ferroelectrics 2016 ,
- 35 **Phase Transition and Energy Spectra of some Ferroelectrics-Ferroelastics**
PALAZ SELAMİ, KARADAĞ FARUK, YILMAZ SÜLEYMAN, SÜLEYMAN GÜNGÖR, MAMEDOV AMİRULLAH M
4th International Seminar on Ferroelastics Physics (ISFP-4) ,
- 36 **Photonic Band Gap of Multiferroic-Dielectric Materials in IR region: FDTD method**
PALAZ SELAMİ, ŞİMŞEK ŞEVKET, ÖZER ZAFER, MAMEDOV AMİRULLAH M, ÖZBAY EKMELE
14th Russia/CIS/Baltic/Japan Symposium on Ferroelectricity (RCBJSF 2018) ,
<http://cplire.ru:8080/4443/1/Kiselev-RCBJSF-20182028C.11829.pdf>
- 37 **SbSI Based Photonic Crystal Superlattices: Band Structure and Optics**
ŞİMŞEK ŞEVKET, PALAZ SELAMİ, OLTULU ORAL, MAMEDOV AMİRULLAH M, ÖZBAY EKMELE
12th Russia/CIS/Baltic/Japan Symposium on Ferroelectricity and 9th International Conference Functional Materials and Nanotechnologies (RCBJSF-2014-FMNT) ,
- 38 **Second Harmonic Generation in Generalized Ferroelectric Superlattices**
ÖZER ZAFER, PALAZ SELAMİ, MAMEDOV AMİRULLAH M, ÖZBAY EKMELE
Functional Materials and Nanotechnologies FM&NT-2020 , <http://www.fmnt.ff.vu.lt/>
- 39 **Sn₂P₂X₂ (X=S, Se) as novel materials for phononic crystals**
PALAZ SELAMİ, ÖZER ZAFER, ŞİMŞEK ŞEVKET, KOÇ HÜSNÜ, MAMEDOV AMİRULLAH M, ÖZBAY EKMELE

- 39 META-2019, The 10th International Conference on Metamaterials, Photonic Crystals and Plasmonics ,
- 40 **Some QSAR Studies of Indole-5-Sulfonamides, Phenacetyl-Pyridylacetyl-and Thienylacetyl Substituted Aromatic Sulfonamides with Carbonic Anhydrase (CA-II and CA IX) Isozyme Inhibitory Activity**
PALAZ SELAMİ,MURATOVİC SAMİJA,EROĞLU EROL
10th International Symposium on Pharmaceutial Sciences (ISOPS-10) ,
- 41 **Spectral Scalability and Optical Spectra of Fractal Multilayer Structures: FDTD analysis**
ŞİMŞEK ŞEVKET,PALAZ SELAMİ,MAMEDOV AMİRULLAH M,ÖZBAY EKMELE
The 7th International Conference on Metamaterials, Photonic Crystals and Plasmonics-META'16 Malaga - Spain ,
- 42 **Surface Tilt Angle Measurements of (5CB)liquid Crystal Molecules**
OLTULU ORAL,PALAZ SELAMİ,YILMAZ SÜLEYMAN,MAMEDOV AMİRULLAH M
Turkish Physical Society 33rd International Physics Congress ,
- 43 **Ternary Heusler Compounds as Multifunctional Topological Insulators**
PALAZ SELAMİ
Uluslararası Göbeklitepe Uygulamalı Bilimler Kongresi ,
- 44 **Ternary Heusler Compounds as Multifunctional Topological Insulators,**
PALAZ SELAMİ,MAMEDOV AMİRULLAH M,ÖZBAY EKMELE
4th International Conference on Rheology and Modeling of Materials (ic-rmm4-2019) ,
- 45 **The Topological Phase and Optical Properties of the NaSnX(X=Bi, As, Sb) Compounds: First Principal Calculation**
KOÇ HÜSNÜ,PALAZ SELAMİ,CHİNGİZ AHUNDOV,MAMEDOV AMİRULLAH M,ÖZBAY EKMELE
5th International Conference on Competitive Materials and Technology Processes (ic-cmt5) ,
https://www.ic-cmt5.eu/doc/book_of_abstract_iccmt5.pdf
- 46 **Tin Thiohypodiphosphate (Sn₂P₂S₆): Linear and Nonlinear Properties Under High Pressure**
KOÇ HÜSNÜ,PALAZ SELAMİ,ŞİMŞEK ŞEVKET,MAMEDOV AMİRULLAH M,ÖZBAY EKMELE
EMF 2019, 14th European Meeting of Ferroelectricity ,
- 47 **Topological Insulators: Electronic Band Structure and Spectroscopy**
MAMEDOV AMİRULLAH M,PALAZ SELAMİ,KOÇ HÜSNÜ,ÖZBAY EKMELE
The 4th International Conference on Competitive Materials and Technology Processes (ic-cmt4) ,
- 48 **Two-dimensional phononic band structure of Archimedean-logarithmic spiral-based slabs**
OLTULU ORAL,PALAZ SELAMİ,MAMEDOV AMİRULLAH M,ÖZBAY EKMELE
European Conference on Applications of Polar Dielectrics (ECAPD-2018) ,
<http://cplire.ru:8080/4444/1/Kiselev2028ECAPD-2018292028c.2010529.pdf>
- 49 **Wave dispersion and design of acoustic metamaterials**
PALAZ SELAMİ,MAMEDOV AMİRULLAH M,ÖZBAY EKMELE
4th International Conference on Rheology and Modeling of Materials (ic-rmm4-2019) ,
- 50 **Wave Propagations in a Ferroelectric Liquid Crystal Based Acoustic Metamaterials: Experiments and Finite Element Analysis**

