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Kişisel Bilgiler

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Eğitim Bilgileri

Doktora, Orta Doğu Teknik Üniversitesi, Fen Edebiyat Fakültesi, Fizik Bölümü, Türkiye 1982 - 1987

Yüksek Lisans, Orta Doğu Teknik Üniversitesi, Fen Edebiyat Fakültesi, Fizik Bölümü, Türkiye 1979 - 1982

Lisans, Orta Doğu Teknik Üniversitesi, Fen Edebiyat Fakültesi, Fizik Bölümü, Türkiye 1974 - 1979

Yaptığı Tezler

Doktora, Two dimensional systems in solid state physics, Orta Doğu Teknik Üniversitesi, Fen Edebiyat Fakültesi, Fizik Bölümü, 1987

Yüksek Lisans, Electronic Properties of Si (Schottky) Diodes, Orta Doğu Teknik Üniversitesi, Fen Edebiyat Fakültesi, Fizik Bölümü, 1982

Akademik Unvanlar / Görevler

Prof. Dr., Orta Doğu Teknik Üniversitesi, Fen Edebiyat Fakültesi, Fizik Bölümü, 1998 - Devam Ediyor

Doç. Dr., Orta Doğu Teknik Üniversitesi, Fen Edebiyat Fakültesi, Fizik Bölümü, 1989 - 1998

Öğretim Görevlisi, Orta Doğu Teknik Üniversitesi, Fen Edebiyat Fakültesi, Fizik Bölümü, 1988 - 1989

Yönetilen Tezler

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SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler

1. Structural stability and electronic properties of different cross-sectional unstrained and rectangular cross-sectional strained GaP nanowires

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INTERNATIONAL JOURNAL OF MODERN PHYSICS B, cilt.33, sa.4, 2019 (SCI-Expanded)
- II. **First-principles calculations for mechanical and electronic features of strained GaP nanowires**
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- III. **First-principles calculations for the structural and electronic properties of GaAs_{1-x}P_x nanowires**
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- IV. **Structural and electronic properties of GaP nanowires**
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- V. **Structural properties of Aluminum nitride compound**
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- VI. **FIRST-PRINCIPLES CALCULATIONS FOR THE STRUCTURAL AND ELECTRONIC PROPERTIES OF Sc_xAl_{1-x}N ALLOYS**
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- VII. **THE STRUCTURAL AND ELECTRONIC PROPERTIES OF BN_xAs_{1-x} ALLOYS**
Mohammad R., KATIRCIOĞLU Ş.
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- VIII. **A comparative study for structural and electronic properties of single-crystal ScN**
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- XII. **Adsorption and dissociation of PH₃ on SiGe(100) (2x1) surface**
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- XIV. **The electronic structure of capped and uncapped CdS nanoparticles**
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Katircioglu S.
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- XXI. **Decomposition of Ge_2H_6 on the $\text{Si}(100)(2 \times 1)$ surface**
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Salman S., Katircioglu S., Erkoc S.
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- XXXVIII. **Optical transitions in Si/Ge superlattices**
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- XXXIX. **Water adsorption on the stepped Si(110) surface**
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- XLI. **DEPENDENCE OF RESONANCE STATES ON DOPING LEVEL AND DOPING DISTRIBUTION TYPE IN GAAS
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- XLII. **EMPIRICAL TIGHT-BINDING TOTAL ELECTRONIC-ENERGY CALCULATION FOR SINH₂M (N = 1 TO 6, M
= 1 TO 3) CLUSTERS**
KATIRCIOGLU S., ERKOC S.
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- XLIII. **WATER-ADSORPTION ON THE SI(110) SURFACE**
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- XLIV. **ELECTRONIC-ENERGY CALCULATION OF C-60 CLUSTERS**
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- XLV. **STRUCTURAL STABILITY AND ENERGETICS OF SI₄ ISOMERS - TOTAL ELECTRONIC-ENERGY
CALCULATION**
KATIRCIOGLU S., ERKOC S.
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- XLVI. **STRUCTURAL STABILITY AND ENERGETICS OF AS, SB AND BI MICROCLUSTERS - EMPIRICAL MANY-
BODY POTENTIAL-ENERGY FUNCTION CALCULATION**
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- XLVII. **MOLECULAR-DYNAMICS SIMULATION OF GALLIUM MICROCLUSTERS**
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- XLVIII. **METALLIC PHASE OF AMORPHOUS-SILICON**
ERKOC S., KATIRCIOGLU S.
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- XLIX. **DISSOCIATION OF Au-n (n=3,4) MICROCLUSTERS: A MOLECULAR DYNAMICS SIMULATION**
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LI. INTERACTION OF WATER MOLECULE WITH SILICON SURFACES

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LII. Dihydride Phase on Si (110) Surface

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Diđer Dergilerde Yayınlanan Makaleler

I. A comparative study of the electronic properties of aluminum nitride compounds

Mohammad R., KATIRCIOĐLU Ő.

TURKISH JOURNAL OF PHYSICS, cilt.40, sa.3, ss.219-230, 2016 (ESCI)

Metrikler

Yayın: 53

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Atf (Scopus): 248

H-İndeks (WoS): 8

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