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Kişisel Bilgiler

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Uluslararası Araştırmacı ID'leri

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Araştırma Alanları

Atomik ve moleküler etkileşimler, Moleküler Özellikler ve Fotonla Etkileşmeler

SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler

- I. **Electron paramagnetic resonance study of the paramagnetic centers in gamma-irradiated 4-Nitrobenzaldehyde single crystal**
Caliskan B., Koc Y.
RADIATION EFFECTS AND DEFECTS IN SOLIDS, cilt.179, sa.9-10, ss.1153-1161, 2024 (SCI-Expanded)
- II. **Electron paramagnetic resonance study of gamma-irradiated soduxin single crystal**
Caliskan B., Caliskan A. C.
RADIATION EFFECTS AND DEFECTS IN SOLIDS, cilt.178, sa.7-8, ss.843-854, 2023 (SCI-Expanded)
- III. **Electron Paramagnetic Resonance Study of the Radiation Damage in Trans-Chalcone Single Crystal**
Caliskan B., Caliskan A. C.
ACTA PHYSICA POLONICA A, cilt.136, sa.1, ss.92-100, 2019 (SCI-Expanded)
- IV. **Electron paramagnetic resonance study of the paramagnetic center in gamma-irradiated sulfanilic acid single crystal**
Caliskana B., Caliskan A.
Acta Physica Polonica A, cilt.135, sa.3, ss.480-484, 2019 (SCI-Expanded)
- V. **Electron paramagnetic resonance study of the radiation damage in phosphoryethanolamine single crystal**
ÇALIŞKAN B., Caliskan A. C.
Journal of Molecular Structure, cilt.1173, ss.781-791, 2018 (SCI-Expanded)
- VI. **Electron paramagnetic resonance study of radiation-induced paramagnetic centers in succinic anhydride single crystal**
ÇALIŞKAN B., Caliskan A. C., Er E.
Journal of Molecular Structure, cilt.1144, ss.421-431, 2017 (SCI-Expanded)
- VII. **EPR study of radiation damage in gamma-irradiated 3-nitroacetophenone single crystal**
ÇALIŞKAN B., Caliskan A. C.
Radiation Effects and Defects in Solids, cilt.172, sa.5-6, ss.398-410, 2017 (SCI-Expanded)
- VIII. **EPR study of free radical in gamma-irradiated bis(cyclopentadienyl)zirconium dichloride single crystal**
ÇALIŞKAN B., Caliskan A. C.
Radiation Effects and Defects in Solids, cilt.172, sa.5-6, ss.507-516, 2017 (SCI-Expanded)
- IX. **Electron paramagnetic resonance study of gamma-irradiated potassium hydroquinone**

monosulfonate single crystal

ÇALIŞKAN B., Caliskan A. C., Er E.

Radiation Effects and Defects in Solids, cilt.171, sa.5-6, ss.440-450, 2016 (SCI-Expanded)

- X. **Electron paramagnetic resonance study of radiation damage in isonipecotic acid single crystal**
ÇALIŞKAN B., Caliskan A. C., Yerli R.
Journal of Molecular Structure, cilt.1075, ss.12-16, 2014 (SCI-Expanded)
- XI. **Electron paramagnetic resonance study of gamma-irradiated phenidone single crystal**
ÇALIŞKAN B., Tokgoz H.
Radiation Effects and Defects in Solids, cilt.169, sa.3, ss.225-231, 2014 (SCI-Expanded)
- XII. **EPR study of gamma irradiated cholestanone single crystal**
ÇALIŞKAN B.
Acta Physica Polonica A, cilt.125, sa.1, ss.135-138, 2014 (SCI-Expanded)
- XIII. **Electron paramagnetic resonance characterization of gamma irradiation damage centers in S-butrylthiocholine iodide single crystal**
Caliskan B., Civi M., Birey M.
RADIATION EFFECTS AND DEFECTS IN SOLIDS, cilt.162, sa.2, ss.87-93, 2007 (SCI-Expanded)
- XIV. **Electron paramagnetic resonance analysis of gamma irradiated 4-nitropyridine N-oxide single crystal**
Caliskan B., Civi M., Birey M.
RADIATION EFFECTS AND DEFECTS IN SOLIDS, cilt.161, sa.5, ss.313-317, 2006 (SCI-Expanded)
- XV. **Electron paramagnetic resonance study of irradiated tetramethyl-4-piperidion**
Aras E., Asik B., Caliskan B., Buyum M., Birey M.
RADIATION EFFECTS AND DEFECTS IN SOLIDS, cilt.159, sa.6, ss.353-358, 2004 (SCI-Expanded)
- XVI. **EPR of gamma irradiated single crystals of cholesteryl benzoate**
Caliskan B., Aras E., Asik B., Buyum M., Birey M.
RADIATION EFFECTS AND DEFECTS IN SOLIDS, cilt.159, sa.1, ss.1-5, 2004 (SCI-Expanded)
- XVII. **EPR study of irradiated 4-chloromethyl pyridinium chloride**
Asik B., Aras E., Caliskan B., Eken M., Birey M.
RADIATION EFFECTS AND DEFECTS IN SOLIDS, cilt.159, sa.1, ss.55-60, 2004 (SCI-Expanded)
- XVIII. **Measurement of radiative vacancy distributions for the L2, L3 subshell and M shell of some elements with atomic range $41 \leq Z \leq 68$**
ÇALIŞKAN B., ERTUĞRUL M., Öz E., Erdoğan H.
Journal of Quantitative Spectroscopy and Radiative Transfer, cilt.74, sa.2, ss.139-146, 2002 (SCI-Expanded)

Kitap & Kitap Bölümleri

- I. **Biomedical EPR**
ÇALIŞKAN B., ÇALIŞKAN A. C.
Topics from EPR Research, Ahmed M. Maghraby, Editör, IntechOpen, Londrina, ss.5-22, 2019
- II. **Interaction with Matter of Ionizing Radiation and Radiation Damages (Radicals)**
ÇALIŞKAN B., ÇALIŞKAN A. C.
Ionizing Radiation Effects and Applications, , Editör, InTech, ss.135-151, 2018
- III. **EPR Analyzes of Antioxidant Compounds**
ÇALIŞKAN B., ÇALIŞKAN A. C.
Free Radicals, Antioxidants and Diseases, , Editör, InTech, ss.49-64, 2018
- IV. **Potassium Nutrition in Plants and Its Interactions with Other Nutrients in Hydroponic Culture**
ÇALIŞKAN B., ÇALIŞKAN A. C.
Potassium - Improvement of Quality in Fruits and Vegetables Through Hydroponic Nutrient Management, , Editör, InTech, ss.9-21, 2018
- V. **Radical Mechanisms in the Metallocenes**

ÇALIŞKAN B.

Recent Progress in Organometallic Chemistry, , Editör, IntechOpen, ss.25, 2017

VI. **Magnetic Resonance**

ÇALIŞKAN B., ÇALIŞKAN A. C.

Resonance, , Editör, IntechOpen, ss.1-12, 2017

Hakemli Kongre / Sempozyum Bildiri Kitaplarında Yer Alan Yayınlar

- I. **Electron Paramagnetic Resonance Study of The Radiation damage in Trans Chalcone Single Crystal**
ÇALIŞKAN B., ÇALIŞKAN A. C.
3rd INTERNATIONAL CONFERENCE ON COMPUTATIONAL AND EXPERIMENTAL SCIENCE AND ENGINEERING (ICCESEN-2016)19-24 October 2016, ANTALYA-TURKEY, 19 - 24 Ekim 2016
- II. **Electron Paramagnetic Resonance of Gamma Irradiated Single Crystals of Succinic Acid Disodium Salt**
ÇALIŞKAN B., ÇALIŞKAN A. C.
3rd INTERNATIONAL CONFERENCE ON COMPUTATIONAL AND EXPERIMENTAL SCIENCE AND ENGINEERING (ICCESEN-2016)19-24 October 2016, ANTALYA-TURKEY, 19 - 24 Ekim 2016
- III. **Electron paramagnetic resonance study of radiation damage in sulfanilic acid single crystal**
ÇALIŞKAN B., ÇALIŞKAN A. C.
3rd INTERNATIONAL CONFERENCE ON COMPUTATIONAL AND EXPERIMENTAL SCIENCE AND ENGINEERING (ICCESEN-2016)19-24 October 2016, ANTALYA-TURKEY, 19 - 24 Ekim 2016
- IV. **EPR Study of Gamma Irradiated 2 Aminoethyl Dihydrogen Phosphate Single Crystal**
ÇALIŞKAN B., ÇALIŞKAN A. C.
3rd INTERNATIONAL CONFERENCE ON COMPUTATIONAL AND EXPERIMENTAL SCIENCE AND ENGINEERING (ICCESEN-2016)19-24 October 2016, ANTALYA-TURKEY, 19 - 24 Ekim 2016

Metrikler

Yayın: 28

Atf (WoS): 41

Atf (Scopus): 131

H-İndeks (WoS): 4

H-İndeks (Scopus): 8