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Kişisel Bilgiler

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Eğitim Bilgileri

Doktora, Bursa Uludağ Üniversitesi, FEN BİLİMLERİ ENSTİTÜSÜ, Fizik (Dr), Türkiye 1999 - 2008

Yüksek Lisans, Bursa Uludağ Üniversitesi, FEN-EDEBİYAT FAKÜLTESİ, FİZİK, Türkiye 1996 - 1998

Lisans, Bursa Uludağ Üniversitesi, FEN-EDEBİYAT FAKÜLTESİ, FİZİK, Türkiye 1990 - 1995

Yabancı Diller

İngilizce, A2 Temel

Yaptığı Tezler

Doktora, Flüorokarbonlarda EPR Spektrumları, Spin-Örgü Durulma Zamanları ve UV Spektrumlarının İncelenmesi, Bursa Uludağ Üniversitesi, FEN-EDEBİYAT FAKÜLTESİ, FİZİK, 2008

Yüksek Lisans, Proton ve Fluor Spini İçeren Bazı Organik Moleküllerde NMR Aşırı İnce Yapısının Bilgisayar Yardımıyla Elde Edilmesi, Bursa Uludağ Üniversitesi, FEN-EDEBİYAT FAKÜLTESİ, FİZİK, 1998

Araştırma Alanları

Temel Bilimler

Akademik Unvanlar / Görevler

Doç.Dr., Bursa Uludağ Üniversitesi, FEN-EDEBİYAT FAKÜLTESİ, FİZİK, 2014 - Devam Ediyor

Akademik İdari Deneyim

MYO Müdürü, Bursa Uludağ Üniversitesi, FEN-EDEBİYAT FAKÜLTESİ, FİZİK, 2021 - Devam Ediyor
Dekan Yardımcısı, Bursa Uludağ Üniversitesi, FEN-EDEBİYAT FAKÜLTESİ, FİZİK, 2015 - 2017

Yönetilen Tezler

OVALIOĞLU H., Manyetik parçacık görüntüleme sistemleri, Yüksek Lisans, E.Uzak(Öğrenci), 2019

SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler

- I. **Sample age effect on parameters of dynamic nuclear polarization in certain difluorobenzen isomers/MC800 asphaltene suspensions**
OVALIOĞLU H.
OPEN CHEMISTRY, cilt.20, sa.1, ss.97-104, 2022 (SCI-Expanded)
- II. **Intermolecular effects of fluorocarbons on MC800 asphaltene and their characterization**
Kirimli H., Ovalioglu H., Akay C.
Acta Physica Polonica A, cilt.131, sa.3, ss.336-338, 2017 (SCI-Expanded)
- III. **Intermolecular magnetic spin-spin interaction in asphaltene suspensions at 1.53 mT**
Ovalioglu H., Kirimli H., Akay C.
Acta Physica Polonica A, cilt.129, sa.4, ss.806-809, 2016 (SCI-Expanded)
- IV. **F Dynamic Nuclear Polarization and SEM in Suspensions Consisting of Fluorobenzene Derivatives and Asphaltene Extracted from MC-800 Liquid Asphalt**
Engin Kirimli H., Ovalioğlu H.
JOURNAL OF DISPERSION SCIENCE AND TECHNOLOGY, cilt.35, sa.2, ss.255-264, 2014 (SCI-Expanded)
- V. **The effect of sample age and neutron radiation to dynamic nuclear polarization parameters in some asphaltene suspensions**
Ovalioglu H.
Journal of Dispersion Science and Technology, cilt.32, sa.10, ss.1470-1476, 2011 (SCI-Expanded)
- VI. **Analytical information on the asphaltenes from a few standard characterization techniques**
Peksoz A., Akay S. K., Kaya Y., Ovalioglu H., Kaynak G., Yalciner A.
Energy Sources, Part A: Recovery, Utilization and Environmental Effects, cilt.33, sa.15, ss.1474-1481, 2011 (SCI-Expanded)
- VII. **The effect of sample age on dynamic nuclear polarization parameters in asphalt suspensions**
Kirimli H., Peksoz A., Ovalioglu H., Yalciner A.
Energy Sources, Part A: Recovery, Utilization and Environmental Effects, cilt.33, sa.7, ss.604-611, 2011 (SCI-Expanded)
- VIII. **Intermolecular Spin-Spin Coupling in Highly Fluorinated Solutions of Galvinoxyl Free Radical**
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ZEITSCHRIFT FÜR NATURFORSCHUNG SECTION A-A JOURNAL OF PHYSICAL SCIENCES, cilt.65, sa.3, ss.254-262, 2010 (SCI-Expanded)
- IX. **Dynamic nuclear polarization in highly fluorinated solutions**
Ovalioglu H., PEKSÖZ A., ENGİN KIRIMLI H., Yalciner A.
Journal of Dispersion Science and Technology, cilt.31, sa.3, ss.332-337, 2010 (SCI-Expanded)
- X. **Magnetic properties of nano-crystalline barium ferrite synthesized by different synthesis route**
Ovalioglu H., Sozeri H., Kabaer M., Kucuk I.
Acta Physica Polonica A, cilt.118, sa.5, ss.1020-1021, 2010 (SCI-Expanded)
- XI. **Computational modeling of magnetic properties and glass forming ability of bulk amorphous materials**
Kabaer M., Ovalioglu H., Kucuk I.
Acta Physica Polonica A, cilt.118, sa.5, ss.827-828, 2010 (SCI-Expanded)
- XII. **Dynamic nuclear polarization in suspensions consisting of pure and mixed chlorobenzene and pyridine and asphaltene extracted from asphalt cement with penetration grad 60**
Ersozlu N. U., PEKSÖZ A., Ovalioglu H., Kirimh H., Cimenoglu M. A., Yalciner A.
Journal of Dispersion Science and Technology, cilt.29, sa.6, ss.899-904, 2008 (SCI-Expanded)

Düzenlenen Dergilerde Yayınlanan Makaleler

- I. Application of nuclear magnetic resonance/magnetic resonance imaging techniques to estimate proton relaxation parameters in various solvent at Earth field
OVALIOĞLU H.
Emerging Materials Research, 2022 (Scopus)
- II. Simulation of NMR Hyperfine Structure Constant for AB₂, A₂B₂ and A₂B₃ Systems
OVALIOĞLU H.
İğdır Üniversitesi Fen Bilimleri Enstitüsü Dergisi, 11(1): 200-211, 2021 Journal of the Institute of Science and Technology, 11(1): 200-211, 2021, cilt.11, sa.1, ss.200-211, 2020 (Hakemli Dergi)
- III. Synthesis and Characterization of Barium Ferrite Containing Magnetic Affinity Microbeads and Isotherm Analysis of Cr(VI) Ions Adsorption from Aqueous Solutions
KARA A., Demirbel E., SÖZERİ H., KÜÇÜK İ., OVALIOĞLU H.
Hacettepe Journal of Biology and Chemistry, cilt.42, sa.3, ss.299-312, 2014 (Hakemli Dergi)

Kitap & Kitap Bölümleri

- I. CHAPTER 6 : THE EFFECT OF SAMPLE AGE OF N-METHYL-BISTRIFLUOROACETAMIDE IN GALVINOXYL RADICAL ON DYNAMIC NUCLEAR POLARIZATION PARAMETERS
OVALIOĞLU H.
NATURAL SCIENCES: METHODS AND APPLICATIONS, Dr. Seda CETINER, Editör, iksad Publishing House, Ankara, ss.133-148, 2021
- II. CHAPTER 5 : THE EFFECT OF SAMPLE AGE OF METADIFLUOROBENZENE IN MC-800 ASPHALTENE SUSPENSION ON DYNAMIC NUCLEAR POLARIZATION PARAMETERS
OVALIOĞLU H.
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- III. Atom ve Molekül Fiziği laboratuvarı Deney Kılavuzu
PEKSÖZ A., OVALIOĞLU H., ENGİN KIRIMLI H.
Uludağ Üniversitesi Basımevi Müdürlüğü, Bursa, 2008

Hakemli Kongre / Sempozyum Bildiri Kitaplarında Yer Alan Yayınlar

- I. DETERMINATION THEOREICAL SPECTRA BY COMPUTER SIMULATION FOR AB₂ SYSTEM
OVALIOĞLU H.
- II. ULUSLARARASI 29 EKİM BİLİMSEL ARAŞTIRMALAR SEMPOZYUMU 29-31 Ekim 2020 ANKARA, Ankara, Türkiye, 29 Ekim 2020, ss.125-126
- II. EFFECT OF SAMPLE AGE OF ORTO 1,2 DIFLUOROBENZENE IN MC-800 ASPHALTENE SUSPENSION ON DYNAMIC NUCLEAR POLARIZATION PARAMETERS
OVALIOĞLU H.
CUKUROVA 5th INTERNATIONAL SCIENTIFIC RESEARCHES CONFERENCE October 9-11,2020 / Adana, TURKEY, Adana, Türkiye, 09 Ekim 2020, ss.151-152
- III. Fluorocarbons Effects on MC800 Asphaltene and Their Characterization
ENGİN KIRIMLI H., OVALIOĞLU H.
6th International Advances in Applied Physics and Materials Science Congress Exhibition, İstanbul, Türkiye, 1 - 03 Haziran 2016
- IV. Intermolecular Magnetic Spin Spin Interaction in Asphaltene Suspensions at 1 53 mT
OVALIOĞLU H., ENGİN KIRIMLI H.
5th International Advances in Applied Physics and Materials Science Congress Exhibition, 16 - 19 Nisan 2015

- V. **^1H Dynamic Nuclear Polarization and EPR Spectra in Solutions of Tempo Free Radical at 1.53 mT**
ENGİN KIRIMLI H., OVALIOĞLU H.
4th International Advances in Applied Physics and Materials Science Congress Exhibition, 24 - 27 Nisan 2014
- VI. **^1H DNP in solutions 4 amino tempo radical at 1.53mT**
OVALIOĞLU H., ENGİN KIRIMLI H.
29th International Physical Congress, 5 - 08 Eylül 2012
- VII. **Dynamic Nuclear Polarization Parameters in Suspensions Consisting of Fluorocarbons and Asphaltene**
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- VIII. **Dynamic Nuclear Polarization Parameters in Suspension Consisting of Fluorocarbons and Asphaltene**
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OVALIOĞLU H., PEKSÖZ A., Akay K. S., KAYA Y., ENGİN KIRIMLI H., Yalçınler A.
26th International Physical Congress, 24 - 27 Eylül 2009
- X. **Zayıf Alan Çift Rezonans NMR Spektrometresi için Ortalama Bilgisayarı**
AKAY C., Yalçınler A., OVALIOĞLU H.
II. Kızılırmak Uluslararası Fen Bilimleri Kongresi, Kırıkkale, Türkiye, 20 Mayıs - 22 Ekim 1998
- XI. **B_1998 Proton ve Fluor içeren Bazı Organik Moleküllerin NMR Aşırı İnce Yapısının Bilgisayar Yardımıyla İncelenmesi 2**
Yalçınler A., OVALIOĞLU H., AKAY C.
II. Kızılırmak Uluslararası Fen Bilimleri Kongresi, Kırıkkale, Türkiye, 20 Mayıs - 22 Ekim 1998
- XII. **Dynamic Nuclear Polarization in Suspensions of Liquid Asphalts in Weak Magnetic Field**
Yalçınler A., Çimenoglu M. A., AKAY C., OVALIOĞLU H.
LAMP-97 International Symposium on Lasers, Atomic and Molecular Physics, İstanbul, Türkiye, 16 - 20 Eylül 1997

Metrikler

Yayın: 31
Atıf (WoS): 48
Atıf (Scopus): 49
H-İndeks (WoS): 5
H-İndeks (Scopus): 5

Akademi Dışı Deneyim

Uludağ Üniversitesi