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Kişisel Bilgiler

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Makaleler (YOKSIS)

- 1 An in silico investigation of allosteric inhibition potential of Dihydroergotamine against Sars-CoV-2 Main Protease (MPro)**
YAŞAR MEHMET MURAT, YAŞAR EKREM, YORULMAZ NURİ, TENEKECİ MEHMET EMİN, SARPÜN İSMAİL HAKKI, EROĞLU EROL
Turkish Computational and Theoretical Chemistry,
- 2 Assessment of environmental radioactivity for Sanliurfa region of Southeastern Turkey**
A Bozkurt N Yorulmaz, E Kam, G Karahan, A E Osmanlioglu
RADIATION MEASUREMENTS,
- 3 Bor karbür-silisyum karbür kompozit malzemelerin nötron zayıflatma özelliklerinin MCNP6 simülasyonu ile incelenmesi**
BÜYÜK BÜLENT, YAŞAR MEHMET MURAT, YORULMAZ NURİ, KAMIŞLIOĞLU MİRAC
Journal of Boron,
- 4 Case study of Er- and Dy-doped boron-aluminosilicate glasses on radiation shielding performance in the energy range 0.015–10 MeV with MCNP6.2**
ÇELİK İLKER CAN, KAMIŞLIOĞLU MİRAC, YORULMAZ NURİ, YAŞAR MEHMET MURAT, DURGUN MUSTAFA
radiation physics and Chemistry, <http://dx.doi.org/10.1016/j.radphyschem.2024.111551>
- 5 CoCrFeNiSi high entropy alloy: Synthesis, structural and radiation shielding properties**
YAYKAŞLI HAKAN, ESKALEN HASAN, KAVUN YUSUF, GÖGEBAKAN MUSA, Kaya Ahmet Hulusi, YORULMAZ NURİ
Progress in Nuclear Energy, <http://dx.doi.org/10.1016/j.pnucene.2023.104930>
- 6 Determination of Antibacterial Properties of Some Sulfonamide Compounds by Molecular Docking**
ÖZTÜRK HİLAL, YORULMAZ NURİ, DURGUN MUSTAFA, TURHAN ZEYNEP ŞİLAN, SARPÜN İSMAİL HAKKI
Süleyman Demirel Üniversitesi Fen Edebiyat Fakültesi Fen Dergisi, <http://dx.doi.org/10.29233/sdufeffd.996484>

- 7 Development of Quantitative Structure-Property Relationship (QSPR) Models of Aspartyl-Derivatives Based on Eigenvalues (EVA) of Calculated Vibrational Spectra**
CAM İhsan burak,YORULMAZ NURİ,YAŞAR MEHMET MURAT,EROĞLU EROL
Food Biophysics,
- 8 Development of selective QSAR models and molecular docking study for inhibitory activity of sulfonamide derivatives against carbonic anhydrase isoforms II and IX**
YORULMAZ NURİ,OLTULU ORAL,EROĞLU EROL
JOURNAL OF MOLECULAR STRUCTURE,
- 9 DFT based QSARs for inhibitory activity of coumarins towards tumor-associated isoform (CA XII) of carbonic anhydrases**
YORULMAZ NURİ,EROĞLU EROL
JOURNAL OF MOLECULAR STRUCTURE,
- 10 Environmental Radioactivity Measurements in Harran Plain of Sanliurfa Turkey**
A Bozkurt N Yorulmaz and E Kam
Sixth International Conference of the Balkan Physical Union,
- 11 Evaluation of Some Sulfonamide Derivatives as a Potential Inhibitors of The Carbonic Anhydrase IX/XII by ADME and Molecular Docking Method**
YORULMAZ NURİ, ÖZTÜRK HİLAL, DURGUN MUSTAFA
Adıyaman University Journal of Science,<http://dx.doi.org/10.37094/adyujsci.1091227>
- 12 Exploration of physical and optical properties of ZnO nanopowders filled with polydimethylsiloxane (PDMS) for radiation shielding applications. Simulation and theoretical study**
Aladailah M.W., Tashlykov O.L., Volozheninov T.P., Kaskov D.O., Iuzbashieva K.S., Al-Abed Rama, AÇIKGÖZ ABUZER, YAŞAR MEHMET MURAT, YORULMAZ NURİ, Al-Tamimi Walaa, Alshipli Marwan
Optical Materials,<http://dx.doi.org/10.1016/j.optmat.2022.113197>
- 13 Fisetin decreases the duration of ictal-like discharges in mouse hippocampal slices**
ÖZTÜRK HİLAL, BAŞOĞLU HARUN, YORULMAZ NURİ, ABİDİN SELCEN, ABİDİN İSMAIL
Journal of Biological Physics,<http://dx.doi.org/10.1007/s10867-022-09612-0>
- 14 In silico investigation of Alliin as potential activator for AMPA receptor**
ÖZTÜRK HİLAL, YORULMAZ NURİ, DURGUN MUSTAFA, BAŞOĞLU HARUN
Biomedical Physics & Engineering Express,<http://dx.doi.org/10.1088/2057-1976/ac351c>
- 15 Influence of Gd2O3 on structural, optical, radiation shielding, and mechanical properties of borate glasses**
YORULMAZ NURİ,YAŞAR MEHMET MURAT,AÇIKGÖZ ABUZER,KAVUN YUSUF,DEMİRCAN GÖKHAN,KAMIŞLIOĞLU MİRAC,AKTAŞ BÜLENT,ulaş esmanur oruç
Optical Materials,<https://www.sciencedirect.com/science/article/abs/pii/S0925346724002155>
- 16 Influence of Nd2O3 on radiation shielding and elastic properties of TeO2–MgO–Na2O glasses: A simulation study by PHITS and MCNP**
AÇIKGÖZ ABUZER, ALADAILAH M. W., Tashlykov O. L., DEMİRCAN GÖKHAN, KAMIŞLIOĞLU MİRAC, YAŞAR MEHMET MURAT, ÖZDOĞAN HASAN, YORULMAZ NURİ
Pramana-Journal Of Physics,<http://dx.doi.org/10.1007/s12043-023-02629-7>

- 17 **Investigation of In Silico Properties of [5-Hydroxy-7-(Pentyloxy)-2-Phenyl-4h-Chromen-4-One] molecule and its Effects on In-Vitro Epileptiform Activation in Brain Slices**
BAŞOĞLU HARUN, ÖZTÜRK HİLAL, YORULMAZ NURİ, ABİDİN SELCEN, ABİDİN İSMAİL
Kocaeli University,<http://dx.doi.org/10.53446/actamednicomedia.1330884>
- 18 **Investigation of Interactions Between Sedative, Analgesic and Anaesthetic Drugs with SARS-CoV-2, ACE-2 and SARS-CoV-2- ACE-2 Complex by Molecular Docking Method**
BÜYÜKFIRAT EVREN, DURGUN MUSTAFA, YORULMAZ NURİ, KOYUNCU İSMAİL, KARAHAN MAHMUT ALP, GÖNEL ATAMAN
Turkish Journal of Intensive Care,<http://dx.doi.org/10.4274/tybd.galenos.2021.69885>
- 19 **Investigation of structural suitability of agmatine with glutamatergic ion channels: Molecular docking study**
ÖZTÜRK HİLAL, YORULMAZ NURİ
Ağrı Tıp Fakültesi Dergisi,<https://doi.org/10.61845/agrimedical.1522158>
- 20 **Molecular Docking Demonstration of the Liquorice Chemical Molecules on the Protease and ACE2 of COVID-19 Virus**
KOYUNCU İSMAİL, DURGUN MUSTAFA, YORULMAZ NURİ, TOPRAK ŞAHİN, GÖNEL ATAMAN, BAYRAKTAR NİHAYET
Current Enzyme Inhibition,<http://dx.doi.org/10.2174/1573408016999201228193118>
- 21 **Structural, mechanical, radiation shielding properties and albedo parameters of alumina borate glasses: Role of CeO₂ and Er₂O₃**
AÇIKGÖZ ABUZER, DEMİRCAN GÖKHAN, YILMAZ DEMET, AKTAŞ BÜLENT, YALÇIN ŞERİFE, YORULMAZ NURİ
Materials Science and Engineering: B,<https://doi.org/10.1016/j.mseb.2021.115519>
- 22 **Synthesis and characterization of newly phthalocyanine molecules: Their enzyme inhibition and antioxidant properties, in silico and in vitro**
ÇELİK FATİH, ÜNVER YASEMİN, ÖZ TUNCAY FULYA, ÇAKMAK ÜMMÜHAN, KOLCUOĞLU YAKUP, UZUN KÜBRA, ÖZTÜRK HİLAL, YORULMAZ NURİ, DEĞİRMENCİOĞLU İSMAİL
Journal of Organometallic Chemistry,<http://dx.doi.org/10.1016/j.jorganchem.2024.123237>
- 23 **The impact of BaTiO₃ additive on gamma radiation shielding properties of B₂O₃-SrO-Na₂O-CaO glass systems**
KAVUN YUSUF, ESKALEN HASAN, KAVGACI MUSTAFA, YAYKAŞLI HAKAN, YORULMAZ NURİ
Optical and Quantum Electronics,<https://doi.org/10.1007/s11082-025-08082-7>
- 24 **The role of TeO₂ insertion on the radiation shielding, structural and physical properties of borosilicate glasses**
AKTAŞ BÜLENT, AÇIKGÖZ ABUZER, YILMAZ DEMET, YALÇIN ŞERİFE, doğru kaan, YORULMAZ NURİ
Journal of Nuclear Materials,
- 25 **The synthesis and investigation of different cobaloximines by spectroscopic methods**
KILIÇ AHMET, DURGUN MUSTAFA, YORULMAZ NURİ, YAVUZ RAHİME
Journal of Molecular Structure,<http://dx.doi.org/10.1016/j.molstruc.2018.03.121>
- 26 **Title: A Boron-Chelating Piperazine-Tethered Schiff Base Can Modulate Excitability in Brain Slices in a Specific Frequency Range**
BAŞOĞLU HARUN, DEĞİRMENCİOĞLU İSMAİL, ÖZTÜRK HİLAL, YORULMAZ NURİ, ABİDİN SELCEN, ABİDİN İSMAİL
ChemistrySelect,

27 Visible spectroscopy of 5CB/8CB liquid crystals

OLTULU ORAL,çakırtaş fatih,YORULMAZ NURİ,YILMAZ SÜLEYMAN
Phase Transitions,<http://dx.doi.org/10.1080/01411594.2015.1075243>

Bildiriler (YOKSIS)

- 1 An Investigation Of Allosteric Mechanism Of Chey By Molecular Dynamic Simulations**
taşdöven kemal, SARPÜN İSMAİL HAKKI, YAŞAR MEHMET MURAT, YORULMAZ NURİ, EROĞLU EROL
5th International Conference on Engineering Technology and Applied Sciences ,
- 2 An Investigation Of Substitution And Solvent Effects On Intramolecular Proton Transfer In Fluorophenyl derivatives Of (z)-2,4-di-tert-butyl-6-((phenyl)imino)methyl)phenol By Means Of Spectroscopic Measurements And Quantum Chemistry Calculations**
EROĞLU EROL,KANCI BOZOĞLAN BAHAR,YORULMAZ NURİ,ŞENGÜL ABDURRAHMAN
III.International Turkish Congress on Molecular Spectroscopy ,
- 3 Calculation of linear attenuation coefficients of amethyst material for radiation shielding by Monte Carlo method**
YAŞAR MEHMET MURAT,YORULMAZ NURİ,BOZKURT AHMET
International Workshop on Theoretical and Experimental Studies in Nuclear Application and Technology (TESNAT 2018) ,
- 4 Calculation of mass attenuation coefficients of chromium oxide doped borosilicate glass for radiation shielding by Monte Carlo method**
YORULMAZ NURİ,YAŞAR MEHMET MURAT,DURGUN MUSTAFA,BOZKURT AHMET
1. Uluslararası Harran Multidisipliner Çalışmalar Kongresi, Şanlıurfa ,
- 5 Calculation of mass attenuation coefficients of Cu doped ZnS thin film for radiation shielding by the Monte Carlo method**
YORULMAZ NURİ,YAŞAR MEHMET MURAT,TUMBUL AHMET,GÖKTAŞ ABDULLAH,BOZKURT AHMET
International Workshop on Theoretical and Experimental Studies in Nuclear Application and Technology (TESNAT 2019) , http://tesnat.org/tesnat2019/assets/TESNAT_PROCEEDINGS_2019.pdf
- 6 Calculation of mass attenuation coefficients of hormirad and galena materials for radiation shielding by Monte Carlo method**
YORULMAZ NURİ,YAŞAR MEHMET MURAT,BOZKURT AHMET
International Workshop on Theoretical and Experimental Studies in Nuclear Application and Technology (TESNAT 2018) ,
- 7 Calculation of Mass Attenuation Coefficients of Pbo–Li2o–B2o3 Glass for Radiation Shielding by Monte Carlo Method**
YAŞAR MEHMET MURAT,YORULMAZ NURİ,DURGUN MUSTAFA,BOZKURT AHMET
1. Uluslararası Harran Multidisipliner Çalışmalar Kongresi, Şanlıurfa ,
- 8 Co 60 Radyoterapi Kaynağı İçin Monte Carlo Yöntemiyle Uygun Zırh Tasarımı**
MZ Tüysüz, N Yorulmaz, A Bozkurt
Türk Fizik Derneği 22. Fizik Kongresi ,
- 9 Comparison of Different Irradiation Techniques in Gastric Radiotherapy**

- 9 YAŞAR MEHMET MURAT, ACUN BUCHT HEDİYE, YORULMAZ NURİ, BOZKURT AHMET
International Conference on Theoretical and Experimental Studies in Nuclear Applications and Technology (TESNAT-2016), ,
- 10 **DETERMINATION OF RADIATION SHIELDING PARAMETERS FOR TeO
2 -B 2 O 3 - PbO GLASS COMPLEX BY LINEAR REGRESSION USING MCNP
PROGRAM**
YORULMAZ NURİ
4TH INTERNATIONAL BLACK SEA MODERN SCIENTIFIC RESEARCH CONGRESS ,
- 11 **Determination of Natural Radioactivity for Agricultural Products in The Karaali Region of
Sanliurfa Province**
YORULMAZ NURİ, YAŞAR MEHMET MURAT, KOŞAL MEHMET, ÇELİK İLKER CAN
1. Harran Uluslararası Multidisipliner Çalışmalar Kongresi ,
- 12 **Determinations of Photon Radiation Shielding Properties of Some Boron Doped Glass Materials
using MCNP6 and Calculations of Removal Cross-Section Values**
YORULMAZ NURİ, YAŞAR MEHMET MURAT, DURGUN MUSTAFA, KAMIŞLIOĞLU MİRAC
XV. International Conference on Nuclear Structure Properties ,
- 13 **Effect of Fluoro- and Chloro- substitution of the phenyl ring on enol-keto tautomeric
equilibriums of 2,4-di-tert-butyl-6-(Z)-[(2,5-fluorophenyl or 2,5-Chlorophenyl)imino]methyphenol:
a spectroscopic and DFT study**
EROĞLU EROL, YORULMAZ NURİ, boyluğ zekiye eda, YAŞAR MEHMET MURAT
II. International Turkish Congress on Molecular Spectroscopy (TURCMOS) ,
- 14 **Environmental radioactivity measurements in Harran Plain of Sanliurfa Turkey**
A Bozkurt. N Yorulmaz and E Kam
6th International Conference of the Balkan Physical Union ,
- 15 **Fisetinin Nöronal Etkilerinin Araştırılması: Moleküler Docking ve Elektrofizyoloji Çalışması**
ÖZTÜRK HİLAL, BAŞOĞLU HARUN, YORULMAZ NURİ, KESER HATİCE, ABİDİN SELCEN, ABİDİN
İSMAİL
32. Ulusal Biyofizik Kongresi ,
- 16 **Investigation Of Antibacterial Properties Of Some Sulfonamide Compounds By Molecular
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İSMAİL HAKKI
5th International Conference on Engineering Technology and Applied Sciences ,
- 17 **Investigation of mass attenuation coefficients of Bi₂O₃B₂O₃ glass materials by using the Monte
Carlo method**
YAŞAR MEHMET MURAT, YORULMAZ NURİ, DURGUN MUSTAFA, BOZKURT AHMET
International Workshop on Theoretical and Experimental Studies in Nuclear Application and Technology
(TESNAT 2019)) , http://tesnat.org/tesnat2019/assets/TESNAT_PROCEEDINGS_2019.pdf
- 18 **Investigation Of Tadf Properties Of Novel Donor-Acceptor Type Phenazine Derivatives**
TURHAN ZEYNEP ŞİLAN, YORULMAZ NURİ
5th International Conference on Engineering Technology and Applied Sciences ,
- 19 **Karaali kaplıcaları Şanlıurfa ve çevresinde radyoaktivite tayini**

- 19 N Yorulmaz, A Bozkurt, E Kam
IX. Ulusal Nükleer Bilimler ve Teknolojileri Kongresi ,
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- 23 **Pretilt Angle Determination of Aligned Nematic Liquid Crystals**
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- 24 **Radyoterapide Demet Özelliklerinin Monte Carlo Yöntemi İle Hesaplanması**
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- 25 **Study of Optical Anisotropy of Nematic Liquid Crystal by UV Vis Spectroscopy**
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III. International Turkish Congress on Molecular Spectroscopy (TURCMOS 2017) ,
- 27 **The synthesis and investigation of different cobaloximines by spectroscopic methods**
KILIÇ AHMET,DURGUN MUSTAFA,YORULMAZ NURİ,YAVUZ RAHİME
III. International Turkish Congress on Molecular Spectroscopy (TURCMOS 2017) , <http://turcmos.com/>
- 28 **Tiroid görüntüleme organ risklerinin görüntü tabanlı VIP Man vücut modeli yardımıyla belirlenmesi**
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10. Ulusal Medikal Fizik Kongresi ,
- 29 **Topraktaki Radyonüklitler İçin Doz Dönüşüm Katsayılarının Monte Carlo Yöntemi İle Hesaplanması**
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X.Ulusal Nükleer Bilimler Ve Teknolojileri Kongresi ,
- 30 **Use of EVA Descriptor to Construct Linear QSAR Model for Determining Inhibitory Activity of Sulfonamides against Carbonic Anhydrase and Sweetness Index of Aspartame Derivatives**

30 EROĐLU EROL,YORULMAZ NURİ,OLTULU ORAL,YAŐAR MEHMET MURAT,ŐAM İHSAN BURAK
3rd International Turkish Congress on Molecular Spectroscopy (TURCMOS 2017) ,
<http://turcmos.com/wp-content/uploads/2017/10/Turcmos2017-AbstractBook-v.09.pdf>