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Birimi : Elektromanyetik Alanlar ve Mikrodalga Tekniği
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Makaleler (YOKSIS)

- 1 A Comparative Study of Data Mining Methods for Solar Radiation and Temperature Forecasting Models**
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JOURNAL OF UNIVERSAL COMPUTER SCIENCE, <https://doi.org/10.3897/jucs.109080>
- 2 An Infrared and Raman Spectroscopic Study of the Hofmann Type Complexes and Clathrates M Piperidine 2Ni CN 4 M Piperidine 2 Ni CN 4 1 5G M Cd Co Nior Cu G benzene**
GÜLLÜOĞLU MEHMET TAHİR, YURDAKUL ŞENAY
Journal of Molecular Structure,
- 3 An Infrared and Raman Spectroscopic Study On Metal II Diquinoxaline Tetracyanonickelate Complexes Cd C₈H₆N₂ 2 Ni CN 4 and Ni C₈H₆N₂ 2 Ni CN 4**
Şenay Yurdakul, M. Tahir Güllüoğlu, Z. Kantarcı
Journal Of Molecular Structure,
- 4 An Interface Design for Axial Induction Motor**
ER ERKAN, GÜLLÜOĞLU MEHMET TAHİR
International Journal Of Trends In Mathematics Education
Research, <https://ijtmer.com/index.php/ijtmer/issue/view/9>
- 5 An investigation into the structural, electronic, and non-linear optical properties in CN (N_u2009= lu200920, 24, 26, 28, 30, 32, 34, 36, and 38) fullerene cages**
SOYARSLAN KAMİL, ORTATEPE BURCU, YURDUGÜZEL BEKİR, GÜLLÜOĞLU MEHMET TAHİR, ERDOĞDU YUSUF
Journal of Molecular Modeling, <http://dx.doi.org/10.1007/s00894-022-05348-9>
- 6 Analysis of vibrational spectra of 2 and 3 methylpiperidine based on density functional theory calculations**
ERDOĞDU YUSUF, GÜLLÜOĞLU MEHMET TAHİR
Spectrochimica Acta Part A: Molecular and Biomolecular
Spectroscopy, <http://linkinghub.elsevier.com/retrieve/pii/S1386142509002376>

- 8 DFT FT Raman FT IR and FT NMR studies of 4 phenylimidazole**
GÜLLÜOĞLU MEHMET TAHİR, ERDOĞDU YUSUF, YURDAKUL ŞENAY
JOURNAL OF MOLECULAR STRUCTURE,

DFT FT Raman FT IR and FT NMR studies of 4 phenylimidazole
ERDOĞDU YUSUF, GÜLLÜOĞLU MEHMET TAHİR, KURT MUSTAFA
Journal of Molecular Structure, <http://linkinghub.elsevier.com/retrieve/pii/S002228601100024X>
- 9 DFT FT Raman FT IR and NMR studies of 2 fluorophenylboronic acid**
ERDOĞDU YUSUF, GÜLLÜOĞLU MEHMET TAHİR, KURT MUSTAFA
Journal of Raman Spectroscopy, <http://doi.wiley.com/10.1002/jrs.2309>
- 10 DFT simulation, quantum chemical electronic structure, spectroscopic and structure-activity investigations of 4-acetylpyridine**
Atilgan Abdullah, YURDAKUL ŞENAY, ERDOĞDU YUSUF, GÜLLÜOĞLU MEHMET TAHİR
Journal of Molecular Structure, <https://linkinghub.elsevier.com/retrieve/pii/S0022286018301194>
- 11 DFT simulations FT IR FT raman and FT NMR spectra of 4 4 chlorophenyl 1H imidazole molecules**
Erdogdu Y., Güllüoğlu M. T., Yurdakul Ş., Dereli Ö.
Optics and Spectroscopy, <http://link.springer.com/10.1134/S0030400X12070089>
- 12 Electronic [UV–Visible] and vibrational [FT-IR] investigation and NMR spectroscopic analysis of some halogen substituted chromone (6-Fluorochromone, 6-Chlorochromone, 6-Bromochromone)**
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Journal of Molecular Structure, <https://linkinghub.elsevier.com/retrieve/pii/S0022286019301401>
- 14 Enhanced Disease Detection Using Contrast Limited Adaptive Histogram Equalization and Multi-Objective Cuckoo Search in Deep Learning**
ÇİĞ HARUN, GÜLLÜOĞLU MEHMET TAHİR, ER MEHMET BİLAL, KURAN UMUT, KURAN EMRE CAN
Traitement du Signal, <http://dx.doi.org/10.18280/ts.400308>

Enhanced Disease Detection Using Contrast Limited Adaptive Histogram Equalization and Multi-Objective Cuckoo Search in Deep Learning
ÇİĞ HARUN, GÜLLÜOĞLU MEHMET TAHİR, ER MEHMET BİLAL, KURAN UMUT
International Information and Engineering Technology Association, <https://doi.org/10.18280/ts.400308>
- 15 Experimental and Theoretical Vibrational Spectroscopic Study of Zinc (II) Halide Complexes of 4-Acetylpyridine**
ERDOĞDU YUSUF, SERTBAKAN TEVFİK RACİ, DERELİ ÖMER, GÜLLÜOĞLU MEHMET TAHİR, YURDAKUL ŞENAY
Gazi University Journal of Science, <http://dergipark.gov.tr/gujs>
- 16 FT IR FT Raman NMR spectra and DFT simulations of 4 4 fluoro phenyl 1H imidazole**
Erdogdu Y., Manimaran D., Güllüoğlu M. T., Amalanathan M., Hubert Joe I., Yurdakul Ş.
Optics and Spectroscopy, <http://link.springer.com/10.1134/S0030400X13040073>
- 17 FT IR FT Raman spectra and scaled quantum mechanical study of 4 amino 1 benzylpiperidine**
Chandra S., Saleem H., Erdogdu Y., Subashchandrabose S., Krishnan Akhil R., Gulluoglu M.T.

- 17 Journal of Molecular Structure,<http://linkinghub.elsevier.com/retrieve/pii/S0022286011003887>

- 18 **FT Raman FT IR spectral and DFT studies on 6,8-dichloroflavone and 6,8-dibromoflavone**
ERDOĞDU YUSUF, ÜNSALAN OZAN, GÜLLÜOĞLU MEHMET TAHİR
Journal of Raman Spectroscopy,<http://doi.wiley.com/10.1002/jrs.2520>

- 19 **FT Raman and FT IR spectral and quantum chemical studies on some flavonoid derivatives Baicalein and Naringenin**
UNSALAN O, ERDOĞDU YUSUF, GÜLLÜOĞLU MEHMET TAHİR
Journal of Raman Spectroscopy,<http://doi.wiley.com/10.1002/jrs.2166>

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Journal of Applied Spectroscopy,<http://link.springer.com/10.1007/s10812-018-0682-9>

FT-IR and Raman Spectroscopy and Computation of 5-Methylfurfural
ERDOĞDU YUSUF, SERTBAKAN TEVFİK RACİ, GÜLLÜOĞLU MEHMET TAHİR, YURDAKUL ŞENAY, Güvenir Ahmet
Journal of Applied Spectroscopy,<http://link.springer.com/10.1007/s10812-018-0682-9>

FT-IR and Raman Spectroscopy and Computation of 5-Methylfurfural
ERDOĞDU YUSUF, SERTBAKAN TEVFİK RACİ, GÜLLÜOĞLU MEHMET TAHİR, YURDAKUL ŞENAY, Güvenir A
Journal of Applied Spectroscopy,<http://link.springer.com/10.1007/s10812-018-0682-9>

- 23 **Infrared Spectroscopic Studies of Some Piperidine Metal II Clathrates M(C₅H₁₁N)₂Ni(CN)₄G M Co Ni G m xylene p xylene or o xylene M Ni G Dioxane**
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Vibrational Spectroscopy,

- 24 **Molecular structure vibrational spectral investigation and the confirmation analysis of 4-Methylesculetin molecule**
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Optics and Spectroscopy,<http://link.springer.com/10.1134/S0030400X14030059>

- 25 **Molecular structure and vibrational spectra of 1,3-bis(4-piperidyl)propane by quantum chemical calculations**
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Journal of Molecular Structure,<https://linkinghub.elsevier.com/retrieve/pii/S0022286008001270>

- 26 **Molecular structure and vibrational spectra of 1,3-bis(4-pyridyl)propane by quantum chemical calculations**
ERDOĞDU YUSUF, GÜLLÜOĞLU MEHMET TAHİR, KURT MUSTAFA
Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy,<https://linkinghub.elsevier.com/retrieve/pii/S1386142508000103>

- 27 **Molecular structure and vibrational spectra of 2- and 5-methylbenzimidazole molecules by density functional theory**
Güllüoğlu M. Tahir, Özduvan Mustafa, Kurt Mustafa, Kalaichelvan S., Sundaraganesan N.
Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy,<http://linkinghub.elsevier.com/retrieve/pii/S1386142510001071>

- 28 Molecular structure and vibrational spectra of 7 Ethoxycoumarin by density functional method**
Sarıkaya E K, DERELİ ÖMER, ERDOĞDU YUSUF, GÜLLÜOĞLU MEHMET TAHİR
Journal of Molecular Structure, <http://linkinghub.elsevier.com/retrieve/pii/S0022286013005462>
- 29 Molecular structure and vibrational spectra of alpha benzoinoxime by density functional method**
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Optics and Spectroscopy, <http://link.springer.com/10.1134/S0030400X14020052>
- 30 Molecular structure and vibrational spectra of piperidine and 4-methylpiperidine by density functional theory and ab initio Hartree–Fock calculations**
GÜLLÜOĞLU MEHMET TAHİR, ERDOĞDU YUSUF, YURDAKUL ŞENAY
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FIRAT HÜSEYİN, ÇİĞ HARUN, GÜLLÜOĞLU MEHMET TAHİR
International Information and Engineering Technology Association, <http://dx.doi.org/10.18280/ts.400512>
- Multiscale Feature Fusion for Hyperspectral Image Classification Using Hybrid 3D-2D Depthwise Separable Convolution Networks**
FIRAT HÜSEYİN, GÜLLÜOĞLU MEHMET TAHİR, ASKER MEHMET EMİN, HANBAY DAVUT
International Information and Engineering Technology Association, <http://dx.doi.org/10.18280/ts.400512>
- 33 New Complex Solutions to the Nonlinear Electrical Transmission Line Model**
GÜLLÜOĞLU MEHMET TAHİR
Open Physics, <http://www.degruyter.com/view/j/phys.2019.17.issue-1/phys-2019-0074/phys-2019-0074.xml>
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ALAY FATMA DİDEM, İLHAN NAGEHAN, GÜLLÜOĞLU MEHMET TAHİR
Proceedings of the Bulgarian Academy of Sciences, <https://doi.org/10.7546/crabs.2024.09.10>
- 35 Solar-blind ultraviolet photodetector based on Ti-doped Ga₂O₃/Si plu₂₀₁₃n heterojunction**
HARMANCI UĞUR, GÜLLÜOĞLU MEHMET TAHİR, ASLAN FERHAT, ATILGAN ABDULLAH, YILDIZ ABDULLAH
Journal of Materials Science: Materials in Electronics, <http://dx.doi.org/10.1007/s10854-022-08840-3>
- 36 Structural conformations and vibrational spectral study of chloroflavone with density functional theoretical simulations**
Erdogdu Y., Unsalan O., Sajan D., Gulluoglu M.T.
Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy, <http://linkinghub.elsevier.com/retrieve/pii/S1386142510001186>
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DERELİ ÖMER, ERDOĞDU YUSUF, GÜLLÜOĞLU MEHMET TAHİR
Journal of Molecular Structure, <http://linkinghub.elsevier.com/retrieve/pii/S0022286011009999>
- 38 Synthesis characterization and theoretical studies of 5 benzylthio 1 cylopentyl 1H tetrazole**

- 38 SAĞLAM SEMRAN,DİŞLİ ALİ,ERDOĞDU YUSUF, Marchewka M K,Kanagathara N,Bay B,GÜLLÜOĞLU MEHMET TAHİR
Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy,<http://linkinghub.elsevier.com/retrieve/pii/S1386142515003273>
- 39 **Synthesis spectroscopic and DFT investigation of dimethyl 2 5 acetyl 2 2 dimethyl 4 6 dioxo 1 3 dioxan 5 yl 3 triphenylphosphinylidene succinate**
Vessally E., Fereyduni E., Erdogan Y., Habibi A., Eskandari K., Gulluoglu M.T.
Journal of Molecular Structure,<http://linkinghub.elsevier.com/retrieve/pii/S0022286010008331>
- 41 **Synthesis, characterization, theoretical studies and antimicrobial activity of novel 1-(2-hydroxy-4-propoxy-3-propylphenyl)ethanones bearing thiotetrazole**
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Journal of Molecular Structure,<http://dx.doi.org/10.1016/j.molstruc.2021.130818>
- Synthesis, characterization, theoretical studies and antimicrobial activity of novel 1-(2-hydroxy-4-propoxy-3-propylphenyl)ethanones bearing thiotetrazole**
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Journal of Molecular Structure,<http://dx.doi.org/10.1016/j.molstruc.2021.130818>
- 42 **Theoretical and experimental study on metal II halide complexes of 1 3 bis 4 pyridyl propane**
Erdogdu Yusuf, Güllüoğlu M. Tahir, Kurt Mustafa, Yurdakul Şenay
Journal of Inclusion Phenomena and Macrocyclic Chemistry,<http://link.springer.com/10.1007/s10847-009-9573-2>
- 43 **Theoretical investigations on the molecular structure and vibrational spectral analysis of 4 methyl 2 phenylimidazole**
ERDOĞDU YUSUF,ESKİOĞLU B,GÜLLÜOĞLU MEHMET TAHİR
Optics and Spectroscopy,<http://link.springer.com/10.1134/S0030400X12090032>
- 44 **Vibrational spectral and quantum chemical investigations of tert butyl hydroquinone**
DERELİ ÖMER,ERDOĞDU YUSUF,GÜLLÜOĞLU MEHMET TAHİR,TURKAN E,OZMEN A,Sundaraganesan N
Journal of Molecular Structure,<http://linkinghub.elsevier.com/retrieve/pii/S0022286012000063>
- 45 **Vibrational Spectroscopic Investigation of Metal II Tetracyanonickelate Complexes of 4 Acetylpyridine and Acridine**
Ş. Yurdakul, M. T. Güllüoğlu., D. Küçükgüldal, M. Taşdelen
Journal Of Molecular Structure,
- 46 **Vibrational Spectroscopic Investigation of the Hofmann Type Clathrates M Piperidine 2Ni CN 4 G M Co Ni or Cu G benzene derivatives**
Şenay Yurdakul, M. Tahir Güllüoğlu
Journal of Inclusion Phenomena and Macrocyclic Chemistry,
- 47 **β-Ga₂O₃ nanoflakes/p-Si heterojunction self-powered photodiodes**
ATILGAN ABDULLAH,YILDIZ ABDULLAH,HARMANCI UĞUR,GÜLLÜOĞLU MEHMET TAHİR,SALİMİ KUROŞ
Materials Today Communications,

Bildiriler (YOKSIS)

- 1 **7 Hydroxy 4 Triflouromethylcoumarin Molekülünün Spektroskopik FT IR FT Raman ve NMR ve Teorik DFT B3LYP olarak İncelenmesi**
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Yoğun Madde Fiziği Ankara Toplantısı ,
- 2 **A Comparative Study Of Deep Learning Models For Solar Radiation Forecasting in Pv Power Systems Based On Big Data Analysis**
ALAY FATMA DİDEM,İLHAN NAGEHAN,GÜLLÜOĞLU MEHMET TAHİR
12th Global Conference on Global Warming-2024 (GCGW2024) ,
https://drive.google.com/file/d/1bz6C3y0yi_5562KwaYhqoeXZttoT_ha/view
- 3 **Analysis of Pulmonary and Hemodynamic Parameters for the Weaning Process by Using Fuzzy Logic Based Technology**
KILIÇ UĞUR,GÜLLÜOĞLU MEHMET TAHİR,GÜLER HASAN,KAYA TURGAY
Information and Software Technologies: 22nd International Conference, ICIST 2016. ,
- 4 **ASENKRON MOTOR İLE İLGİLİ ARAŞTIRMALARIN İÇERİK ANALİZİ İLE İNCELENMESİ**
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V. Uluslararası Multidisipliner Çalışmaları Sempozyumu (ISMS) ,
https://kongre.akademikiletisim.com/files/ismsankara/ISMS_Ozet_Kitapcigi.pdf
- 5 **Bara Üzerinden Enerji Hasatlama**
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- 6 **BİR KABLOSUZ ENEJİ HASATLAMA SİSTEMİ TASARIMI VE NÜMERİKANALİZİ**
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3. ULUSLARARASI MESLEKİ VE TEKNİK BİLİMLER KONGRESİ (Umteb-3) ,
- 7 **Combined experimental (FT-IR, FT-RAMAN, NMR) and theoretical studies on the molecular structure vibrational spectra, some electronic properties of 4-amino-2-methyl-7 (trifluoromethyl)quinoline.**
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., Turkish Physical Society 33rd International Physics Congress, September 6-10 2017, Bodrum, Türkiye ,
- 8 **Combined experimental (FT-IR, FT-Raman, NMR) and theoretical studies on the molecular structure, vibrational spectra, reactivity descriptor and molecular docking 4,4'-dimethyl-2-2/dipyridyl**
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- 9 **Combined experimental (FT-IR, FT-Raman, NMR) and theoretical studies on the molecular structure, vibrational spectra, reactivity descriptor and molecular docking of Methyl -5-(4-cyanophenyl)furan-2-carboxylate**
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XIV.International Conference on Molecular Spectroscopy Bialka Tatrzanska 2017 ,
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- 10 DERELİ ÖMER,ERDOĞDU YUSUF,GÜLLÜOĞLU MEHMET TAHİR,ATEŞ LEVENT,KARAKAŞ SARIKAYA EBRU,DURGUT ERSİN
XIV th International Conference on Molecular Spectroscopy ,
- 11 **Conformational, Structural, Electronic and Vibrational Investigations on 5-Methyl-4-(2-thiazolylazo)resorcinol by FT-IR, FT-Raman, NMR and DFT**
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Turkish Congress on Molecular Spectroscopy(TURCMOS2017) ,
- 12 **Crystal Structures and Vibrational Spectra of Molecular Ionic Complexes of Guanidine with Terephthalic Acids**
ERDOĞDU YUSUF,DERELİ ÖMER,Marchewka M,GÜLLÜOĞLU MEHMET TAHİR
XIIIth International Conference on Molecular Spectroscopy , http://intibs.pl/icms2015/book_mini.pdf
- 13 **Electronic and Spectroscopic investigation of 3-phenyl-1H-pyrazole-5-carboxylic acid by combining FT-IR, FT-Raman, NMR and DFT calculations**
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XIV.International Conference on Molecular Spectroscopy Bialka Tatrzańska 2017 ,
- 14 **Investigations on the FT-IR, FT-Raman, Conformational analysis, Molecular docking, Fukui function, DFT of 2-Isopropyl-6-methyl-4-pyrimidinol**
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Turkish Congress on Molecular Spectroscopy(TURCMOS2017) ,
- 15 **İletken Şekilin Değişimine Göre Enerji Hasatlayıcıların Karşılaştırılması**
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- 17 **Molecular structure vibrational spectral investigation and the confirmation analysis of Methyl 6 quinoxalinecarboxylate**
SAĞLAM SEMRAN,ERDOĞDU YUSUF,GÜLLÜOĞLU MEHMET TAHİR
3rd International Conference on Thermophysical and Mechanical Properties of Advanced Materials ,
- 18 **Molecular structure vibrational spectral investigation and the conformation analysis of methyl 4 formylphenyl benzoate**
ERDOĞDU YUSUF,BAHÇEÇİ ZÜBEYDA TÜĞÇE,GÜLLÜOĞLU MEHMET TAHİR,SAĞLAM SEMRAN
Türk Fizik Derneği 32. Uluslararası Fizik Kongresi ,
- 19 **Molecular structure and vibrational assignment of daphnetin**
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XIVth International Conference on Molecular Spectroscopy, Białka Tatrzańska 2017 ,
- 20 **Molecular structure and vibrational spectroscopic analysis of 2-(5-phenyl-2-oxazolyl)-benzoic acid by FT-IR, FT-Raman, NMR and UV-Vis spectroscopies combined with DFT calculations**
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- 20 XIV.International Conference on Molecular Spectroscopy Bialka Tatrzenska 2017 ,
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BASKÖSE CEREN,SAĞLAM SEMRAN,ERDOĞDU YUSUF,GÜLLÜOĞLU MEHMET TAHİR
7.RoctockerInternational Conference:Thermophysical Properties for Technical Thermodynamics (THERMAM2018 ,
- 22 **ORTAK SİMÜLASYON PLATFORMUNDA ENERJİ HASATLAYICI ANALİZİ**
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1. ULUSLARARASI GAP MATEMATİK - MÜHENDİSLİK - FEN VESAGLIK BİLİMLERİ KONGRESİ ,
https://docs.wixstatic.com/ugd/614b1f_9f7c13c7d6ae4658b0526fc01bdcdc5f.pdf
- 23 **Pre-diagnosis of Diseases Using Genetic Algorithms**
AYTURAN KUBİLAY, KILIÇ UĞUR, GÜLLÜOĞLU MEHMET TAHİR
8th International Advanced Technologies Symposium-IATS'17 , <http://iats17.firat.edu.tr/>
- 24 **Spectroscopic FT IR FT Raman and computational DFT B3LYP MP2 studies of 5 methylfurfural**
ERDOĞDU YUSUF,GÜLLÜOĞLU MEHMET TAHİR,YURDAKUL ŞENAY
Witam-2016, 2ND International Congress on the World of Technology and Advanced Materials ,
https://witam2016.ahievran.edu.tr/_Web/Default.aspx
- 25 **Stability Analysis, Numerical and Exact Solutions of the (11)-Dimensional NDMBBM Equation**
YOKUŞ ASIF,Tukur Sulaiman A,GÜLLÜOĞLU MEHMET TAHİR,BULUT HASAN
Third International Conference on Computational Mathematics and Engineering Sciences (CMES2018) ,
- 26 **Structural and Vibrational Investigation on Methyl-2-((succinimidooxy) carbonyl) benzoate combining FT-IR, FT-Raman and NMR spectroscopies with DFT calculations**
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XIV.International Conference on Molecular Spectroscopy Bialka Tatrzenska 2017 ,
- 27 **Structural and vibrational properties qanum chemical calculation of 2 5 dimethyl 3 furoic acid**
SAĞLAM SEMRAN,GÜLLÜOĞLU MEHMET TAHİR,ERDOĞDU YUSUF
poster bildiri ,
- 28 **Theoretical And Experimental Studies On Vibrational, Structural And Nonlinear Optic Properties Of Trithiocyanuric Acid (C3H3N3S3)**
Başköse Ü Ceren,ERDOĞDU YUSUF,SAĞLAM SEMRAN,GÜLLÜOĞLU MEHMET TAHİR
International Eurasian Conference onBiological and Chemical Sciences(EurasianBioChem 2018) ,
- 29 **Theoretical investigation on vibrational spectra conformational analysis molecular structure and NBO analysis of 5 3 Trifluoromethyl phenyl furfural**
ERDOĞDU YUSUF,GÜLLÜOĞLU MEHMET TAHİR,SAĞLAM SEMRAN
3rd International Conference on Thermophysical and Mechanical Properties of Advanced Materials ,
- 30 **Understanding the Impact of Linear, Quadratic and Exponential Functions on High-Performance Computing Clusters using Serial and Parallel Computations**
NACAR MEHMET AKİF,AKASLAN DURSUN,AYDİLEK İBRAHİM BERKAN,GÜLLÜOĞLU MEHMET TAHİR,TÜYSÜZ MEHMET FATİH,AKTACİR MEHMET AZMİ,İŞİK MAHMUT
International Conference on Mathematics and Mathematics Education ,

- 30
- 31 **Vibrational (FT-IR, FT-Raman and NMR spectra) and DFT analysis on 5-[2-(trifluoromethyl)phenyl]furfural**
SAĞLAM SEMRAN, ERDOĞDU YUSUF, GÜLLÜOĞLU MEHMET TAHİR
h Rostocker International Conference on Thermophysical Properties for Technical Thermodynamics –THERMAM 2017 ,
- 32 **Vibrational and structural investigation on 7-hydroxy-4-(trifluoromethyl)-2h-chromen-2-one**
SAĞLAM SEMRAN, ERDOĞDU YUSUF, GÜLLÜOĞLU MEHMET TAHİR
h Rostocker International Conference on Thermophysical Properties for Technical Thermodynamics –THERMAM 2017 ,
- 33 **Vibrational and structural study of 6 isopropylindole based on the FT IR spectrum and DFT calculations**
ERDOĞDU YUSUF, GÜLLÜOĞLU MEHMET TAHİR, SAĞLAM SEMRAN
Witam-2016, 2ND International Congress on the World of Technology and Advanced Materials ,
https://witam2016.ahievran.edu.tr/_Web/Default.aspx
- 34 **vibrational spectral investigation and the conformation analysis of methyl 5 4 cyanophenyl furan 2 carboxylate**
ERDOĞDU YUSUF, BAHÇECİ ZÜBEYDA TÜĞÇE , SAĞLAM SEMRAN, GÜLLÜOĞLU MEHMET TAHİR
Türk Fizik Derneği 32. Uluslararası Fizik Kongresi , <http://tfd32.turkfizikdernegi.org/>