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International Researcher IDs

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Research Areas

Physics, Condensed Matter 1: Structural, Mechanical and Thermal Properties, Structure of Liquids and Solids; Crystallography, Natural Sciences

Academic Titles / Tasks

Professor, Erciyes University, Fen Fakültesi, Fizik, 1980 - Continues

Academic and Administrative Experience

Erciyes University, 2016 - Continues

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Novel Benzotriazole- β -lactam Derivatives as Antimalarial Agents: Design, Synthesis, Biological Evaluation and Molecular Docking Studies**
Aye M., Jarrahpour A., Haghighijoo Z., Heiran R., Pournajati R., Karbalaeei-Heidari H. R., Sinou V., Brunel J. M., Akkurt M., Oezdemir N., et al.
CHEMISTRY & BIODIVERSITY, vol.21, no.2, 2024 (SCI-Expanded)
- II. **Nonlinear optical properties of novel crystalline complexes of cobalt (II) and nickel (II) with 4-bromo-3-methyl-1H-pyrazole: combined experimental and computational study**
Hussain S., Muhammad S., Talib S. H., AKKURT M., Mahsud A., Yang Z., Wang H., Lu Z.
JOURNAL OF MOLECULAR STRUCTURE, vol.1296, 2024 (SCI-Expanded)
- III. **Synthesis, structural characterization, Hirshfeld surface analysis and anti-corrosion on mild steel in 1M HCl of ethyl 2-(3-methyl-2-oxo-1,2-dihydroquinoxaline-1-yl)acetate**
Missiouï M., Idrissi M. B., Benhiba F., Atioglud Z., AKKURT M., Oudda H., Mague J. T., Essassi E. M., Zarrouk A., Ramli Y.
JOURNAL OF MOLECULAR STRUCTURE, vol.1251, 2022 (SCI-Expanded)
- IV. **Synthesis, crystal structure, hirshfeld surface analysis, DFT computations and molecular dynamics study of 2-(benzyloxy)-3-phenylquinoxaline**
Abad N., Lgaz H., Atioglu Z., AKKURT M., Mague J. T., Ali I. H., Chung I., Salghi R., Essassi E. M., Ramli Y.

Journal of Molecular Structure, vol.1221, 2020 (SCI-Expanded)

- V. **Investigation of structural, spectral, electronic, and biological properties of 1,3-disubstituted benzimidazole derivatives**
AKKOÇ S., TÜZÜN B., İLHAN İ. Ö., AKKURT M.
Journal of Molecular Structure, vol.1219, 2020 (SCI-Expanded)
- VI. **Investigations of antiproliferative and antioxidant activity of beta-lactam morpholino-1,3,5-triazine hybrids**
Ranjbari S., Behzadi M., Sepehri S., Aseman M. D., Jarrahpour A., Mohkam M., Ghasemi Y., Akbarizadeh A. R., Kianpour S., Atioglu Z., et al.
BIOORGANIC & MEDICINAL CHEMISTRY, vol.28, no.8, 2020 (SCI-Expanded)
- VII. **New Cobalt(II) and Copper(II) Thiocyanate Complexes of 2,5-Bis(pyridin-2-yl)-1,3,4-oxadiazole Ligand: Synthesis, Crystal Structures, Spectral Properties and Hirshfeld Surface Analysis**
Rhoufal F., Laachir A., Guesmi S., Jouffret L., Sergent N., Obbade S., AKKURT M., Bentiss F.
CHEMISTRYSELECT, vol.4, no.26, pp.7773-7783, 2019 (SCI-Expanded)
- VIII. **Synthesis, characterization, crystal structures, theoretical calculations and biological evaluations of novel substituted tacrine derivatives as cholinesterase and carbonic anhydrase enzymes inhibitors**
Okten S., Ekiz M., Kocyigit U. M., Tutar A., Celik I., AKKURT M., Gokalp F., Taslimi P., GÜLÇİN İ.
JOURNAL OF MOLECULAR STRUCTURE, vol.1175, pp.906-915, 2019 (SCI-Expanded)
- IX. **Synthesis of some novel indeno[1,2-b]quinoxalin spiro-beta-lactam conjugates**
Rad J. A., Jarrahpour A., Ersanli C. C., ATİOĞLU Z., AKKURT M., TUROS E.
TETRAHEDRON, vol.73, no.8, pp.1135-1142, 2017 (SCI-Expanded)
- X. **Facile and convenient synthesis of 2,4-disubstituted and 2,3,4-trisubstituted 1,3-thiazoles**
Hassan A. A., Mohamed S. K., Mohamed N. K., El-Shaieb K. M. A., Abdel-Aziz A. T., Mague J. T., AKKURT M.
JOURNAL OF SULFUR CHEMISTRY, vol.37, no.2, pp.162-175, 2016 (SCI-Expanded)
- XI. **Iron(III) and nickel(II) complexes of O,N,N,O-chelating benzophenone thiosemicarbazone: Electrochemistry and in situ spectroelectrochemistry**
Kurt Y., KOCA A., AKKURT M., Ulkuseven B.
INORGANICA CHIMICA ACTA, vol.388, pp.148-156, 2012 (SCI-Expanded)
- XII. **STRUCTURE OF DIETHYLGERMANIUM DIPHENYLSILICON OXIDE AND CONFORMATION OF 8-MEMBERED RINGS WITH SILICON AND GERMANIUM**
AKKURT M., KOK T., FALESCHINI P., RANDACCIO L., PUFF H., SCHUH W.
JOURNAL OF ORGANOMETALLIC CHEMISTRY, vol.470, pp.59-66, 1994 (SCI-Expanded)

Articles Published in Other Journals

- I. **Crystal structure and Hirshfeld surface analysis of dimethyl 2-oxo-4-(pyridin-2-yl)-6-(thiophen-2-yl)cyclohex-3-ene-1,3-dicarboxylate**
Naghiyev F. N., Khrustalev V. N., AKKURT M., Huseynov E. Z., Bhattarai A., Khalilov A. N., Mamedov İ. G.
Acta Crystallographica Section E: Crystallographic Communications, vol.80, no.Pt 6, pp.654-658, 2024 (ESCI)
- II. **Crystal structure and Hirshfeld surface analysis of 3,3'-[ethane-1,2-diylbis(oxy)]bis(5,5-dimethylcyclohex-2-en-1-one) including an unknown solvate**
Sadikhova N. D., AKKURT M., Ismayilov V. M., Yusubov N. N., Hasanov K. I., Bhattarai A.
Acta Crystallographica Section E: Crystallographic Communications, vol.80, no.Pt 6, pp.615-619, 2024 (ESCI)
- III. **Synthesis, crystal structure and Hirshfeld surface analysis of (3Z)-4-[(4-Amino-1,2,5-oxadiazol-3-yl)amino]-3-bromo-1,1,1-Trifluorobut-3-en-2-one**
Guseinov F. I., Çelikesir S. T., AKKURT M., Ovsyannikov V. O., Ugrak B. I., Lavrova O. M., Samigullina A. I., Bhattarai A.
Acta Crystallographica Section E: Crystallographic Communications, vol.80, no.Pt 6, pp.582-585, 2024 (ESCI)
- IV. **Crystal structure and Hirshfeld surface analysis of (Z)-4-oxo-4-{phenyl[(thiophen-2-yl)methyl]amino}but-2-enoic acid**
Podrezova A. G., Nikitina E. V., Grigoriev M. S., AKKURT M., Hasanov K. I., Sadikhova N. D., Bhattarai A.

Acta Crystallographica Section E: Crystallographic Communications, vol.80, no.Pt 6, pp.572-576, 2024 (ESCI)

- V. **Crystal structure and Hirshfeld surface analysis of 2,4-diamino-6-[(1*Z*,3*E*)-1-cyano-2,4-diphenylpenta-1,3-dien-1-yl]pyridine-3,5-dicarbonitrile monohydrate**
Mamedov I. G., Khrustalev V. N., AKKURT M., Kerimli F. S., Bhattarai A., Khalilov A. N., Naghiyev F. N.
ACTA CRYSTALLOGRAPHICA SECTION E-CRYSTALLOGRAPHIC COMMUNICATIONS, vol.80, pp.495-500, 2024 (ESCI)
- VI. **Crystal structure and Hirshfeld surface analysis of (Z)-4-([2-(benzo[b]thiophen-3-yl)cyclopent-1-en-1-yl]methyl}(phenyl)amino)-4-oxobut-2-enoic acid**
Yakovleva E. D., Shelukho E. R., Grigoriev M. S., Hasanov K. I., Sadikhova N. D., AKKURT M., Bhattarai A.
ACTA CRYSTALLOGRAPHICA SECTION E-CRYSTALLOGRAPHIC COMMUNICATIONS, vol.80, pp.537-542, 2024 (ESCI)
- VII. **Crystal structure and Hirshfeld surface analysis of dimethyl 4'-bromo-3-oxo-5-(thiophen-2-yl)-3,4,5,6-tetrahydro-[1,1'-biphenyl]-2,4-dicarboxylate**
Naghiyev F. N., Khrustalev V. N., AKKURT M., Asadov K. A., Bhattarai A., Khalilov A. N., Mamedov I. G.
ACTA CRYSTALLOGRAPHICA SECTION E-CRYSTALLOGRAPHIC COMMUNICATIONS, vol.80, pp.446-451, 2024 (ESCI)
- VIII. **Syntheses, characterizations, crystal structures and Hirshfeld surface analyses of methyl 4-[4-(difluoro-methoxy)phenyl]-2,7,7-trimethyl-5-oxo-1,4,5,6,7,8-hexahydroquinoline-3-carboxylate, isopropyl 4-[4-(difluoromethoxy)phenyl]-2,6,6-trimethyl-5-oxo-1,4,5,6,7,8-hexahydroquinoline-3-carboxylate and tert-butyl 4-[4-(difluoromethoxy)phenyl]-2,6,6-trimethyl-5-oxo-1,4,5,6,7,8-hexahydroquinoline-3-carboxylate**
Yıldırım S. Ö., AKKURT M., Pehlivanlar E., ÇETİN G., ŞİMŞEK R., Butcher R. J., Bhattarai A.
Acta Crystallographica Section E: Crystallographic Communications, vol.80, pp.281-288, 2024 (ESCI)
- IX. **Crystal structure and Hirshfeld surface analysis of 4-oxo-3-phenyl-2-sulfanylidene-5-(thiophen-2-yl)-3,4,7,8,9,10-hexahydro-2H-pyrido[1,6-a:2,3-d']-dipyrimidine-6-carbonitrile**
Naghiyev F. N., Khrustalev V. N., AKKURT M., Mamedov H. M., Bhattarai A., Khalilov A. N., Mamedov I. G.
Acta Crystallographica Section E: Crystallographic Communications, vol.80, no.Pt 3, pp.325-329, 2024 (ESCI)
- X. **Crystal structure and Hirshfeld surface analysis of 8-benzyl-1-[(4-methylphenyl)sulfonyl]-2,7,8,9-tetrahydro-1H-3,6:10,13-diepoxy-1,8-benzodiazacyclopentadecine ethanol hemisolvate**
Burkin G. M., Kvyatkovskaya E. A., Khrustalev V. N., Hasanov K. I., Sadikhova N. D., AKKURT M., Bhattarai A.
Acta Crystallographica Section E: Crystallographic Communications, vol.80, no.Pt 4, pp.418-422, 2024 (ESCI)
- XI. **Crystal structure and Hirshfeld surface analysis of 6-imino-8-(4-methylphenyl)-1,3,4,6-tetrahydro-2H-pyrido[1,2-a]pyrimidine-7,9-dicarbonitrile**
Naghiyev F. N., Khrustalev V. N., AKKURT M., Dobrokhotova E. V., Bhattarai A., Khalilov A. N., Mamedov I. G.
Acta Crystallographica Section E: Crystallographic Communications, vol.80, no.Pt 4, pp.378-382, 2024 (ESCI)
- XII. **Crystal structure and Hirshfeld surface analysis of (E)-2-[2-(2-amino-1-cyano-2-oxoethylidene)hydrazin-1-yl]benzoic acid N,N-dimethylformamide monosolvate**
Hajiyeva S. R., Huseynov F. E., Atioğlu Z., AKKURT M., Bhattarai A.
Acta Crystallographica Section E: Crystallographic Communications, vol.80, pp.110-116, 2024 (ESCI)
- XIII. **Crystal structure and Hirshfeld surface analysis of 4-(2-chloroethyl)-5-methyl-1,2-dihydropyrazol-3-one**
Naghiyev F. N., Khrustalev V. N., AKKURT M., Dukhnovsky E. A., Bhattarai A., Khalilov A. N., Mamedov I. G.
Acta Crystallographica Section E: Crystallographic Communications, vol.80, pp.223-227, 2024 (ESCI)
- XIV. **Crystal structures and Hirshfeld surface analyses of methyl 4-{2,2-dichloro-1-[(E)-phenyldiazenyl]eth-enyl}benzoate, methyl 4-{2,2-dichloro-1-[(E)-(4-methylphenyl)diazenyl]ethenyl}benzoate and methyl 4-{2,2-dichloro-1-[(E)-(3,4-dimethylphenyl)diazenyl]ethenyl}benzoate**
Shikhaliyev N. Q., Ibrahimova S. A., Atakishiyeva G. T., Ahmedova N. E., Babayeva G. V., Khrustalev V. N., Atioğlu Z., AKKURT M., Bhattarai A.
Acta Crystallographica Section E: Crystallographic Communications, vol.80, pp.184-190, 2024 (ESCI)
- XV. **Crystal structure and Hirshfeld surface analysis of (2E)-1-phenyl-3-(1H-pyrrol-2-yl)propen-1-one**
Safarova A. S., Khalilov A. N., AKKURT M., Maharramov A. M., Bhattarai A., Naghiyev F. N., Mamedov I. G.
Acta Crystallographica Section E: Crystallographic Communications, vol.80, pp.191-195, 2024 (ESCI)
- XVI. **Crystal structure of [1,3-bis(2,4,6-trimethylphenyl)imidazolidin-2-ylidene]dichlorido(2-[(2-**

methoxyethyl)(methyl)amino]methyl}benzylidene)ruthenium

Mammadova G. Z., Atioğlu Z., AKKURT M., Grigoriev M. S., Volchkov N. S., Azizova A. N., Bhattarai A., Antonova A. S.
Acta Crystallographica Section E: Crystallographic Communications, vol.80, no.Pt 1, pp.50-53, 2024 (ESCI)

- XVII. **Crystal structure and Hirshfeld surface analysis of dimethyl 4-hydroxy-5,4'-dimethyl-2'-(toluene-4-sulfonylamino)biphenyl-2,3-dicarboxylate**
Guliyeva N. A., Burkin G. M., Annadurdyeva S., Khrustalev V. N., Atioğlu Z., AKKURT M., Bhattarai A.
Acta Crystallographica Section E: Crystallographic Communications, vol.80, no.Pt 1, pp.62-66, 2024 (ESCI)
- XVIII. **Crystal structure and Hirshfeld surface analysis of diethyl (3aS,3a1R,4S,5S,6R,6aS,7R,9aS)-3a1,5,6,6a-tetrahydro-1H,3H,4H,7H-3a,6:7,9a-diepoxybenzo[de]isochromene-4,5-dicarboxylate**
Sadikhova N. D., Atioğlu Z., Guliyeva N. A., Podrezova A. G., Nikitina E. V., AKKURT M., Bhattarai A.
Acta Crystallographica Section E: Crystallographic Communications, vol.80, no.Pt 1, pp.83-87, 2024 (ESCI)
- XIX. **Crystal structure and Hirshfeld surface analysis of 3-benzyl-2-[bis(1H-pyrrol-2-yl)methyl]thiophene**
Sadikhova N. D., Atioğlu Z., Guliyeva N. A., Shelukho E. R., Polyanskaya D. K., Khrustalev V. N., AKKURT M., Bhattarai A.
Acta Crystallographica Section E: Crystallographic Communications, vol.80, no.Pt 1, pp.72-77, 2024 (ESCI)
- XX. **Crystal structure and Hirshfeld surface analysis of (2Z)-3-oxo-N-phenyl-2-[(1H-pyrrol-2-yl)methylidene]butanamide monohydrate**
Safarova A. S., Khalilov A. N., AKKURT M., Brito I., Bhattarai A., Naghiyev N., Mamedov I. G.
Acta Crystallographica Section E: Crystallographic Communications, vol.79, no.Pt 12, pp.1142-1146, 2023 (ESCI)
- XXI. **Synthesis, characterization, crystal structure and Hirshfeld surface analysis of isobutyl 4-[4-(difluoromethoxy)phenyl]-2,6,6-trimethyl-5-oxo-1,4,5,6,7,8-hexahydroquinoline-3-carboxylate**
Yıldırım S. Ö., AKKURT M., ÇETİN G., ŞİMŞEK R., Butcher R. J., Bhattarai A.
Acta Crystallographica Section E: Crystallographic Communications, vol.79, no.Pt 12, pp.1132-1136, 2023 (ESCI)
- XXII. **Crystal structure and Hirshfeld surface analysis of 10-hydroxy-2-(4-methoxyphenyl)-3-oxo-2,3,3a,4,10,10a-hexahydro-1H-9-thia-2-azacyclopenta[b]fluorene-4-carboxylic acid dimethyl sulfoxide-d6 monosolvate**
Mammadova G. Z., Yakovleva E. D., Erokhin P. P., Grigoriev M. S., Atioğlu Z., Azizova A. N., AKKURT M., Bhattarai A.
Acta Crystallographica Section E: Crystallographic Communications, vol.79, no.Pt 12, pp.1127-1131, 2023 (ESCI)
- XXIII. **Synthesis, crystal structure and Hirshfeld surface analysis of (2Z,2'E)-2,2'-(3-methoxy-3-phenylpropane-1,2-diylidene)bis(hydrazine-1-carbothioamide) dimethylformamide monosolvate**
Guseinov F. I., Knyazev A. V., Shuvalova E. V., Kobrakov K. I., Samigullina A. I., Atioğlu Z., AKKURT M., Bhattarai A.
Acta Crystallographica Section E: Crystallographic Communications, vol.79, pp.910-915, 2023 (ESCI)
- XXIV. **Crystal structure and Hirshfeld surface analysis of 4-azido-2-(3,5-dimethylphenyl)-5-(4-nitrophenyl)-2H-1,2,3-triazole**
Maharramov A., Shikhaliyev N. Q., Abdullayeva A., Atakishiyeva G. T., Niyazova A., Khrustalev V. N., Gahramanova S. I., Atioğlu Z., AKKURT M., Bhattarai A.
Acta Crystallographica Section E: Crystallographic Communications, vol.79, pp.905-909, 2023 (ESCI)
- XXV. **Synthesis, crystal structure and Hirshfeld surface analysis of 3-(4-fluorophenyl)-2-formyl-7-methylimidazo[1,2-a]pyridin-1-ium chloride monohydrate**
Guseinov F. I., Ovsyannikov V. O., Sokolovskiy P. V., Sebyakin Y. L., Samigullina A. I., AKKURT M., Çelikesir S., Bhattarai A.
ACTA CRYSTALLOGRAPHICA SECTION E-CRYSTALLOGRAPHIC COMMUNICATIONS, vol.79, pp.899-904, 2023 (ESCI)
- XXVI. **Crystal structure and Hirshfeld surface analysis of 1-(2-amino-4-methyl-1,3-thiazol-5-yl)ethan-1-one**
Huseynov E. Z., AKKURT M., Brito I., Bhattarai A., Rzayev R. M., Asadov K. A., Maharramov A. M.
Acta Crystallographica Section E: Crystallographic Communications, vol.79, pp.890-894, 2023 (ESCI)
- XXVII. **Crystal structure and Hirshfeld surface analysis of (2E)-1-(4-bromophenyl)-3-(2-methylphenyl)prop-2-en-1-one**
AKKURT M., Naghiyev F. N., Khrustalev V. N., Asadov K. A., Khalilov A. N., Bhattarai A., Mamedov İ. G.
Acta Crystallographica Section E: Crystallographic Communications, vol.79, pp.847-851, 2023 (ESCI)
- XXVIII. **Crystal structure and Hirshfeld surface analysis of 2-Amino-5-[(1E)-1-[(carbamothioylamino)imino]ethyl]-4-methyl-1,3-Thiazol-3-ium chloride monohydrate**

- Huseynov E. Z., AKKURT M., Brito I., Bhattarai A., Naghiyev F. N., Asadov K. A., Maharramov A. M.
Acta Crystallographica Section E: Crystallographic Communications, vol.79, pp.808-812, 2023 (ESCI)
- XXIX. **Synthesis, crystal structure and Hirshfeld surface analysis of 5-[2-(dicyanomethylidene)hydrazin-1-yl]-2,4,6-triiodoisophthalic acid ethanol monosolvate**
Aliyeva F. S., Mammadova G. Z., AKKURT M., Çelikesir S., Bhattarai A.
ACTA CRYSTALLOGRAPHICA SECTION E-CRYSTALLOGRAPHIC COMMUNICATIONS, vol.79, pp.795-799, 2023 (ESCI)
- XXX. **Crystal structure and Hirshfeld surface analysis of 7-[(6-hydroxy-5,5,8a-trimethyl-2-methylenedecahydronaphthalen-1-yl)methoxy]-2H-chromen-2-one**
Karimli E. G., Khrustalev V. N., AKKURT M., Khalilov A. N., Bhattarai A., Aleskerova A. N., Mamedov İ. G.
Acta Crystallographica Section E: Crystallographic Communications, vol.79, pp.777-781, 2023 (ESCI)
- XXXI. **Crystal structure and Hirshfeld surface analysis of 4-cyano-*N*-[(4-cyanophenyl)sulfonyl]-*N*-[2-(5-methylfuran-2-yl)phenyl]benzenesulfonamide**
Mammadova G. Z., Yakovleva E. D., Burkin G. M., Khrustalev V. N., AKKURT M., Çelikesir S., Bhattarai A.
ACTA CRYSTALLOGRAPHICA SECTION E-CRYSTALLOGRAPHIC COMMUNICATIONS, vol.79, pp.747-751, 2023 (ESCI)
- XXXII. **Crystal structure and Hirshfeld surface analysis of (E)-1-(2,4-dimethylfuran-3-yl)-3-phenylprop-2-en-1-one**
Khalilov A. N., Khrustalev V. N., Samigullina A. I., AKKURT M., Rzayev R. M., Bhattarai A., Mamedov İ. G.
Acta Crystallographica Section E: Crystallographic Communications, vol.79, pp.736-740, 2023 (ESCI)
- XXXIII. **Crystal structures and Hirshfeld surface analyses of *N,N*-dimethylacetamide-1-(dimethyl- λ 4-azanylidene)ethan-1-ol tribromide (1/1), *N,N*-dimethylacetamide-1-(dimethyl- λ 4-azanylidene)ethan-1-ol dibromidoiodate (1/1) and *N,N*-dimethylacetamide-1-(dimethyl- λ 4-azanylidene)ethan-1-ol dichloridoiodate (1/1)**
Mammadova G. Z., Mertsalov D. F., Shchevnikov D. M., Grigoriev M. S., AKKURT M., YILDIRIM S., Bhattarai A.
Acta Crystallographica Section E: Crystallographic Communications, vol.79, pp.690-697, 2023 (ESCI)
- XXXIV. **Synthesis, crystal structure and Hirshfeld surface analysis of *tert*-butyl 4-[4-(difluoromethoxy)phenyl]-2,7,7-trimethyl-5-oxo-1,4,5,6,7,8-hexahydroquinoline-3-carboxylate**
Pehlivanlar E., Yildirim S., ŞİMŞEK R., AKKURT M., Butcher R. J., Bhattarai A.
ACTA CRYSTALLOGRAPHICA SECTION E-CRYSTALLOGRAPHIC COMMUNICATIONS, vol.79, pp.664-668, 2023 (ESCI)
- XXXV. **Crystal structure and Hirshfeld surface analysis of bis{(*Z*)-*N*'-[(*E*)-(furan-2-yl)methylidene]carbamo-hydrazonothioato}nickel(II) methanol disolvate**
Azizova A. N., Mammadova G. Z., Çelikesir S., AKKURT M., Bhattarai A.
ACTA CRYSTALLOGRAPHICA SECTION E-CRYSTALLOGRAPHIC COMMUNICATIONS, vol.79, pp.669-673, 2023 (ESCI)
- XXXVI. **Crystal structures and Hirshfeld surface analyses of (E)-1-[1-(4-*tert*-butylphenyl)-2,2-dichloroethenyl]-2-phenyldiazene, (E)-1-[1-(4-*tert*-butylphenyl)-2,2-dichloroethenyl]-2-(4-methylphenyl)diazene, (E)-1-[1-(4-*tert*-butylphenyl)-2,2-dichloroethenyl]-2-(4-methoxyphenyl)diazene and (E)-1-[1-(4-*tert*-butylphenyl)-2,2-dichloroethenyl]-2-(3-methylphenyl)diazene**
Maharramov A., Shikhaliyev N. Q., Qajar A., Atakishiyeva G. T., Niyazova A., Khrustalev V. N., AKKURT M., Yildirim S., Bhattarai A.
ACTA CRYSTALLOGRAPHICA SECTION E-CRYSTALLOGRAPHIC COMMUNICATIONS, vol.79, pp.637-643, 2023 (ESCI)
- XXXVII. **Crystal structure and Hirshfeld surface analysis of 5-oxo-7-phenyl-2-(phenylamino)-1H-[1,2,4]triazolo[1,5-a]pyridine-6,8-dicarbonitrile dimethyl sulfoxide monosolvate**
Naghiyev F. N., Khrustalev V. N., Mamedov H. M., AKKURT M., Khalilov A. N., Bhattarai A., Mamedov İ. G.
Acta Crystallographica Section E: Crystallographic Communications, vol.79, pp.567-570, 2023 (ESCI)
- XXXVIII. **Crystal structure and Hirshfeld surface analysis of 2-amino-6-[(1-phenylethyl)amino]-4-(thiophen-2-yl)pyridine-3,5-dicarbonitrile**
Naghiyev F. N., Khrustalev V. N., Asadov K. A., AKKURT M., Khalilov A. N., Bhattarai A., Mamedov İ. G.
Acta Crystallographica Section E: Crystallographic Communications, vol.79, pp.526-530, 2023 (ESCI)
- XXXIX. **Synthesis and crystal structure of catena-poly[[[aqua{2-[(E)-(1-cyano-2-imino-2-methoxyethylidene)hydrazinyl]benzenesulfonato}sodium]-di- μ -aqua] dihydrate]**
Aliyeva V. A., Aliyeva F. S., AKKURT M., YILDIRIM S., Bhattarai A.

- Acta Crystallographica Section E: Crystallographic Communications, vol.79, no.Pt 5, pp.508-511, 2023 (Scopus)
- XL. **Crystal structure and Hirshfeld surface analysis of N-[2-(5-methylfuran-2-yl)phenyl]-3-nitroN-[(3-nitrophenyl)sulfonyl]benzenesulfonamide**
Mammadova G. Z., Annadurdyeva S., Burkin G. M., Khrustalev V. N., AKKURT M., YILDIRIM S., Bhattarai A.
Acta Crystallographica Section E: Crystallographic Communications, vol.79, no.Pt 5, pp.499-503, 2023 (Scopus)
- XLI. **Crystal structure and Hirshfeld surface analysis of (5aS,8aR)-3,5a-dimethyl-8-methylidene-2-oxododecahydrooxireno[2',3':6,7]naphtho[1,2-b]furan-6-yl (Z)-2-methylbut-2-enoate extracted from *Ferula persica***
Karimli E. G., Khrustalev V. N., Kurasova M. N., AKKURT M., Khalilov A. N., Bhattarai A., Mamedov İ. G.
Acta Crystallographica Section E: Crystallographic Communications, vol.79, no.Pt 5, pp.474-477, 2023 (Scopus)
- XLII. **Crystal structure and Hirshfeld surface analysis of 1,6-diamino-2-oxo-4-(thiophen-2-yl)-1,2-dihydropyridine-3,5-dicarbonitrile**
Naghiyev F. N., Khrustalev V. N., AKKURT M., Khalilov A. N., Bhattarai A., Kerimli F. S., Mamedov İ. G.
Acta Crystallographica Section E: Crystallographic Communications, vol.79, no.Pt 5, pp.494-498, 2023 (Scopus)
- XLIII. **Crystal structure and Hirshfeld surface analysis of 2,20-[(3,5-di-tert-butyl-4-hydroxyphenyl)methanedi-yl]bis(3-hydroxy-5,5-dimethylcyclohex-2-en-1-one)**
Khalilov A. N., Khrustalev V. N., Aleksandrova L. V., AKKURT M., Rzayev R. M., Bhattarai A., Mamedov İ. G.
Acta Crystallographica Section E: Crystallographic Communications, vol.79, no.Pt 5, pp.436-440, 2023 (Scopus)
- XLIV. **Syntheses and crystal structures of three salts of 1-(4-nitrophenyl)piperazine**
Shankara Prasad H. J., Devaraju D., Yathirajan H. S., AKKURT M., Foro S., Balerao R., Butcher R. J.
Acta Crystallographica Section E: Crystallographic Communications, vol.79, no.Pt 5, pp.423-427, 2023 (Scopus)
- XLV. **Crystal structure and Hirshfeld surface analysis of (2²RS,2³SR,2⁵RS,2⁶SR)-2³,2⁵,5-trimethyl-2¹-(2,2,2trifluoroacetyl)-5-aza-2(2,6)-piperidina-1,3(2,5)-di-furanacyclohexaphan-24-one**
Yıldırım S., AKKURT M., Ershova A. A., Grigoriev M. S., Rocha B. G., Bhattarai A.
ACTA CRYSTALLOGRAPHICA SECTION E-CRYSTALLOGRAPHIC COMMUNICATIONS, vol.79, no.Pt 4, pp.292-296, 2023 (ESCI)
- XLVI. **Crystal structure and Hirshfeld surface analysis of 2,5-diimino-8a-methyl-4,9-bis(4-methylphenyl)-7-oxo-6-phenyl-decahydro-2H-3,8-methanopyrano-[3,2-c]pyridine-3,4a-dicarbonitrile N,N-dimethylformamide monosolvate**
Naghiyev F. N., Khrustalev V. N., Novikov A. P., AKKURT M., Khalilov A. N., Bhattarai A., Mamedov İ. G.
Acta Crystallographica Section E: Crystallographic Communications, vol.79, no.Pt 4, pp.254-258, 2023 (Scopus)
- XLVII. **Crystal structure and Hirshfeld surface analysis of isopropyl 4-[2-fluoro-5-(trifluoromethyl)phenyl]2,6,6-trimethyl-5-oxo-1,4,5,6,7,8-hexahydro-quinoline-3-carboxylate**
Yıldırım S., AKKURT M., ÇETİN G., ŞİMŞEK R., Butcher R. J., Bhattarai A.
ACTA CRYSTALLOGRAPHICA SECTION E-CRYSTALLOGRAPHIC COMMUNICATIONS, vol.79, no.Pt 3, pp.187-191, 2023 (ESCI)

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