

S Naveen

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

212
papers

1,581
citations

20
h-index

34
g-index

220
ext. papers

1,844
ext. citations

1.9
avg, IF

4.86
L-index

| # | Paper | IF | Citations |
|-----|--|-----|-----------|
| 212 | Role of conducting polymer and metal oxide-based hybrids for applications in amperometric sensors and biosensors. <i>Microchemical Journal</i> , 2019 , 147, 7-24 | 4.8 | 181 |
| 211 | Electrochemical Sensors and Biosensors Based on Graphene Functionalized with Metal Oxide Nanostructures for Healthcare Applications. <i>ChemistrySelect</i> , 2019 , 4, 5322-5337 | 1.8 | 93 |
| 210 | Crystal growth and characterization of new nonlinear optical chalcone derivative: 1-(4-Methoxyphenyl)-3-(3, 4-dimethoxyphenyl)-2-propen-1-one. <i>Journal of Crystal Growth</i> , 2006 , 295, 44-49 | 1.6 | 85 |
| 209 | Membranes for dehydration of alcohols via pervaporation. <i>Journal of Environmental Management</i> , 2019 , 242, 415-429 | 7.9 | 62 |
| 208 | Synthesis of rhodamine based organic nanorods for efficient chemosensor probe for Al (III) ions and its biological applications. <i>Sensors and Actuators B: Chemical</i> , 2018 , 254, 795-804 | 8.5 | 51 |
| 207 | Crocin, a dietary additive protects platelets from oxidative stress-induced apoptosis and inhibits platelet aggregation. <i>Molecular and Cellular Biochemistry</i> , 2013 , 373, 73-83 | 4.2 | 49 |
| 206 | Reactive mechanism and the applications of bioactive prebiotics for human health: Review. <i>Journal of Microbiological Methods</i> , 2019 , 159, 128-137 | 2.8 | 48 |
| 205 | Rhodamine based turn-on molecular switch FRET sensor for cadmium and sulfide ions and live cell imaging study. <i>Sensors and Actuators B: Chemical</i> , 2017 , 238, 565-577 | 8.5 | 44 |
| 204 | D-A-D Synthetic approach for thienyl chalcones [NLO] structure activity study. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2016 , 324, 33-39 | 4.7 | 41 |
| 203 | Synthesis, spectral characterization and X-ray crystal structure studies of 3-(benzo[d][1,3]dioxol-5-yl)-5-(3-methylthiophen-2-yl)-4,5-dihydro-1H-pyrazole-1-carboxamide: Hirshfeld surface, DFT and thermal analysis. <i>Journal of Molecular Structure</i> , 2018 , 1161, 285-298 | 3.4 | 37 |
| 202 | Synthesis and crystallographic analysis of benzophenone derivatives--the potential anti-inflammatory agents. <i>Bioorganic and Medicinal Chemistry</i> , 2007 , 15, 3505-14 | 3.4 | 30 |
| 201 | Design and environmentally benign synthesis of novel thiophene appended pyrazole analogues as anti-inflammatory and radical scavenging agents: Crystallographic, in silico modeling, docking and SAR characterization. <i>Bioorganic Chemistry</i> , 2017 , 73, 109-120 | 5.1 | 29 |
| 200 | Synthesis and pharmacological evaluation of some new fluorine containing hydroxypyrazolines as potential anticancer and antioxidant agents. <i>European Journal of Medicinal Chemistry</i> , 2015 , 104, 25-32 | 6.8 | 29 |
| 199 | Functionalized magnetic nanoparticles/biopolymer hybrids: Synthesis methods, properties and biomedical applications. <i>Methods in Microbiology</i> , 2019 , 46, 227-254 | 2.8 | 25 |
| 198 | Design, synthesis, anticonvulsant and analgesic studies of new pyrazole analogues: a Knoevenagel reaction approach. <i>RSC Advances</i> , 2015 , 5, 94786-94795 | 3.7 | 24 |
| 197 | Synthesis, structural exploration, spectral and combinatorial analysis of racemic-3-isobutyl-5-phenyl-5-(pyridin-4-yl)imida-zolidine-2,4-dione: Comparison between experimental and DFT calculations. <i>Journal of Molecular Structure</i> , 2018 , 1167, 215-226 | 3.4 | 24 |
| 196 | Ultrasound-assisted synthesis of two novel [CuBr(diamine)]HO]Br complexes: Solvatochromism, crystal structure, physicochemical, Hirshfeld surface thermal, DNA/binding, antitumor and antibacterial activities. <i>Ultrasonics Sonochemistry</i> , 2018 , 48, 1-10 | 8.9 | 23 |

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| 195 | Sesamol induces apoptosis in human platelets via reactive oxygen species-mediated mitochondrial damage. <i>Biochimie</i> , 2013 , 95, 2060-8 | 4.6 | 23 |
| 194 | Synthesis of novel 2-pyrazoline analogues with potent anti-inflammatory effect mediated by inhibition of phospholipase A2: Crystallographic, in silico docking and QSAR analysis. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2017 , 27, 3806-3811 | 2.9 | 23 |
| 193 | Growth, characterization, crystal and molecular structure studies of. <i>Journal of Crystal Growth</i> , 2011 , 327, 161-166 | 1.6 | 22 |
| 192 | Sunlight Induced Rapid Synthesis And Kinetics Of Silver Nanoparticles Using Leaf Extract Of <i>Achyranthes Aspera</i> L. And Their Antimicrobial Applications. <i>Advanced Materials Letters</i> , 2013 , 4, 779-785 ^{2,4} | 2.4 | 20 |
| 191 | Integration of biological pre-treatment methods for increased energy recovery from paper and pulp biosludge. <i>Journal of Microbiological Methods</i> , 2019 , 160, 93-100 | 2.8 | 19 |
| 190 | Crystal structure, Hirshfeld surface, physicochemical, thermal and DFT studies of (N 1 E, N 2 E)-N 1 ,N 2 -bis((5-bromothiophen-2-yl)methylene)ethane-1,2-diamine N 2 S 2 ligand and its [CuBr(N 2 S 2)]Br complex. <i>Journal of Molecular Structure</i> , 2017 , 1142, 217-225 | 3.4 | 18 |
| 189 | Synthesis, characterization, antimicrobial and single crystal X-ray crystallographic studies of some new sulfonyl, 4-chloro phenoxy benzene and dibenzoazepine substituted benzamides. <i>European Journal of Medicinal Chemistry</i> , 2006 , 41, 1262-70 | 6.8 | 18 |
| 188 | Functional nanostructured metal oxides and its hybrid electrodes [Recent advancements in electrochemical biosensing applications. <i>Microchemical Journal</i> , 2020 , 159, 105522 | 4.8 | 18 |
| 187 | 2-(2-(2-Ethoxybenzoylamino)-4-chlorophenoxy)-N-(2-ethoxybenzoyl)benzamine inhibits EAT cell induced angiogenesis by down regulation of VEGF secretion. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2007 , 17, 2775-80 | 2.9 | 16 |
| 186 | Growth, crystal structure and thermal properties of calcium bis(malate) dihydrate. <i>Journal of Alloys and Compounds</i> , 2007 , 433, 211-215 | 5.7 | 16 |
| 185 | Crystal structure, Hirshfeld and third-order nonlinear optical properties of 3-(4-dimethylamino)phenyl)-1-(4-methoxyphenyl)prop-2-en-1-one: A potential material for optical limiting applications. <i>Optical Materials</i> , 2018 , 86, 138-147 | 3.3 | 15 |
| 184 | Synthesis, structural characterization and biological properties of phosphorescent iridium(III) complexes. <i>Journal of Inorganic Biochemistry</i> , 2017 , 177, 127-137 | 4.2 | 13 |
| 183 | Synthesis of cocrystals/salts of flucytosine: Structure and stability. <i>New Journal of Chemistry</i> , 2018 , 42, 5433-5446 | 3.6 | 12 |
| 182 | Synthesis, spectra and X-ray crystallography of dipyrudin-2-ylmethanone oxime and its CuX 2 (oxime) 2 complexes: Thermal, Hirshfeld surface and DFT analysis. <i>Journal of Molecular Structure</i> , 2018 , 1154, 619-625 | 3.4 | 12 |
| 181 | ANTIDIABETIC, ANTIATHEROSCLEROTIC AND HEPATOPROTECTIVE PROPERTIES OF DECALEPIS HAMILTONII IN STREPTOZOTOCIN-INDUCED DIABETIC RATS. <i>Journal of Food Biochemistry</i> , 2010 , 34, 1231-1248 | 3.3 | 12 |
| 180 | Synthesis, spectral characterization, crystal structure and theoretical investigation of (E)-3-(4-bromothiophen-2-yl)-1-(5-bromothiophen-2-yl)prop-2-en-1-one. <i>Chemical Data Collections</i> , 2021 , 31, 100587 | 2.1 | 12 |
| 179 | Synthesis, structural and spectral characterization of a novel NLO crystal N,N'-diphenylguanidinium picrate: diacetone solvate. <i>Journal of Molecular Structure</i> , 2017 , 1144, 237-245 | 3.4 | 11 |
| 178 | Synthesis, structural exploration and Hirshfeld surface analysis of a novel bioactive heterocycle: (4-(6-Fluorobenzo[d]isoxazol-3-yl) piperidin-1-yl)(morpholino)methanone. <i>Chemical Data Collections</i> , 2018 , 15-16, 1-9 | 2.1 | 11 |

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| 177 | (E)-3-(2,3-Dichlorophenyl)-1-(4-fluorophenyl)prop-2-en-1-one. <i>IUCrData</i> , 2016 , 1, | 0.7 | 11 |
| 176 | Design, synthesis and spectroscopic and crystallographic characterisation of novel functionalized pyrazole derivatives: biological evaluation for their cytotoxic, angiogenic and antioxidant activities. <i>Research on Chemical Intermediates</i> , 2018 , 44, 5635-5652 | 2.8 | 10 |
| 175 | Transition metal complexes of 2-(2-(1H-benzo[d]imidazol-2-yl)hydrazono)propan-1-ol: Synthesis, characterization, crystal structures and anti-tuberculosis assay with docking studies. <i>Polyhedron</i> , 2017 , 127, 225-237 | 2.7 | 9 |
| 174 | [Dichlorido (2-(2-(1H-benzo[d]thiazol-2-yl)hydrazono)propan-1-ol) Cu(II)]: Crystal structure, Hirshfeld surface analysis and correlation of its ESI-MS behavior with [Dichlorido 3-(hydroxyimino)-2-butanone-2-(1H-benzo[d]thiazol-2-yl)hydrazone Cu(II)]. <i>Journal of Molecular Structure</i> , 2017 , 1412, 277-284 | 3.4 | 9 |
| 173 | Synthesis, spectral, thermal, crystal structure, Hirshfeld analysis of [bis(triamine)Cadmium(II)][Cadmium(IV)tetra-bromide] complexes and their thermolysis to CdO nanoparticles. <i>Chemistry Central Journal</i> , 2016 , 10, 38 | | 9 |
| 172 | Synthesis, crystal structure and photoluminescence study of green light emitting bis(1[(4-butylphenyl)imino]methyl naphthalen-2-ol) Ni(II) complex. <i>Journal of Science: Advanced Materials and Devices</i> , 2016 , 1, 324-329 | 4.2 | 9 |
| 171 | Thermal, optical, etching, structural studies and theoretical calculations of [1-(2,5-Dichloro-benzenesulfonyl)-piperidin-4-yl]-(2,4-difluoro-phenyl)-methanone oxime. <i>Journal of Molecular Structure</i> , 2021 , 1224, 129077 | 3.4 | 9 |
| 170 | Efficient DNA condensation by ruthenium(II) polypyridyl complexes containing triptyceny functionalized 1,10-phenanthroline. <i>New Journal of Chemistry</i> , 2017 , 41, 5513-5520 | 3.6 | 8 |
| 169 | Molecular structure, Hirshfeld surface analysis, theoretical investigations and nonlinear optical properties of a novel crystalline chalcone derivative: (E)-1-(5-bromothiophen-2-yl)-3-(p-tolyl)prop-2-en-1-one. <i>Journal of Molecular Structure</i> , 2018 , 1161, 9-17 | 3.4 | 8 |
| 168 | Bis(1-methylimidazolyl)diselenide and 1-Methylimidazole-2-selenolate Complexes of Zinc, Cadmium, and Mercury: Synthesis, Characterization, and Their Conversion to Metal Selenide Quantum Dots. <i>Bulletin of the Chemical Society of Japan</i> , 2008 , 81, 489-494 | 5.1 | 8 |
| 167 | Synthesis and Crystal Structure of 1-(4-fluorophenyl)-3-(3,4,5-trimethoxyphenyl)-2-propen-1-one. <i>Molecular Crystals and Liquid Crystals</i> , 2006 , 461, 123-130 | 0.5 | 8 |
| 166 | Synthesis, characterization, crystal structure, Hirshfeld surface analysis, antioxidant properties and DFT calculations of a novel pyrazole derivative: Ethyl 1-(2,4-dimethylphenyl)-3-methyl-5-phenyl-1H-pyrazole-4-carboxylate. <i>Journal of Molecular Structure</i> , 2021 , 1224, 129077 | 3.4 | 8 |
| 165 | Phosphorescent cyclometalated iridium(III) complexes: synthesis, photophysics, DNA interaction, cellular internalization, and cytotoxic activity. <i>New Journal of Chemistry</i> , 2018 , 42, 16846-16854 | 3.6 | 8 |
| 164 | Synthesis, spectral, biological activity, and crystal structure evaluation of novel pyrazoline derivatives having sulfonamide moiety. <i>Medicinal Chemistry Research</i> , 2017 , 26, 1213-1227 | 2.2 | 7 |
| 163 | Synthesis, crystal structure and excellent photoluminescence properties of copper (II) and cobalt (II) complexes with Bis(1[(4-butylphenyl)imino]methyl naphthalen-2-ol) Schiff base. <i>Journal of Science: Advanced Materials and Devices</i> , 2018 , 3, 51-58 | 4.2 | 7 |
| 162 | Direct Aerobic Strategy for Synthesis of Imines via Alcohols and Amines Promoted by Ruthenium(II) ([η -p-cymene) Complexes. <i>ChemistrySelect</i> , 2018 , 3, 1561-1568 | 1.8 | 7 |
| 161 | Synthesis, characterization, crystal and molecular structure analysis of a novel 1-benzhydryl piperazine derivative: 1-benzhydryl-4-(2-nitro-benzenesulfonyl)-piperazine. <i>Structural Chemistry</i> , 2008 , 19, 765-770 | 1.8 | 7 |
| 160 | Synthesis, characterization, crystal and molecular structure analysis of N-(2,4-dimethylphenyl)-6-methyl-4-(3-nitrophenyl)-2-oxo-1,2,3,4-tetrahydropyrimidine-5-carboxamide. <i>Structural Chemistry</i> , 2006 , 17, 569-575 | 1.8 | 7 |

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| 159 | (E)-1-(5-Chlorothiophen-2-yl)-3-(2,4-dimethylphenyl)prop-2-en-1-one. <i>IUCrData</i> , 2016 , 1, | 0.7 | 7 |
| 158 | Crystal structure of ethyl 2-(3,5-di-fluoro-phen-yl)quinoline-4-carboxyl-ate. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2015 , 71, o341-2 | 0.7 | 6 |
| 157 | Synthesis, crystal and molecular structure of ethyl 2-(4-chlorobenzylidene)-3-oxobutanoate: Studies on antioxidant, antimicrobial activities and molecular docking. <i>Chemical Data Collections</i> , 2016 , 5-6, 36-45 | 2.1 | 6 |
| 156 | Toxicity Assessment of Wild Mushrooms from the Western Ghats, India: An and Sub-Acute Study. <i>Frontiers in Pharmacology</i> , 2018 , 9, 90 | 5.6 | 6 |
| 155 | Microwave-Assisted Synthesis and Crystal Structure of 1-(4-Chlorophenyl)-4,5-diphenyl-2-(3,4,5-trimethoxy-phenyl)-1H-imidazole. <i>Molecular Crystals and Liquid Crystals</i> , 2009 , 515, 199-206 | 0.5 | 6 |
| 154 | O-hydroxy Schiff Bases Derived From 2-Hydroxy-4-methoxy Benzaldehyde: Synthesis, X-Ray Studies and Hydrogen Bonding Attributes. <i>Molecular Crystals and Liquid Crystals</i> , 2016 , 629, 146-157 | 0.5 | 6 |
| 153 | Structural, spectral, and theoretical investigations of 5-methyl-1-phenyl-1H-pyrazole-4-carboxylic acid. <i>Research on Chemical Intermediates</i> , 2016 , 42, 4497-4511 | 2.8 | 5 |
| 152 | Synthesis, spectral, X-ray single structure, DFT calculations and antimicrobial activities of [Co(II)X ₂ (dmphen)] (X = Br and SCN) <i>Journal of Molecular Structure</i> , 2015 , 1086, 153-160 | 3.4 | 5 |
| 151 | Cinnarizinium picrate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2012 , 68, o1747 | | 5 |
| 150 | Synthesis, crystal and molecular structure, and antimicrobial activity of ethyl 2-(4-methylbenzylidene)-3-oxobutanoate. <i>Chemical Data Collections</i> , 2016 , 3-4, 1-7 | 2.1 | 4 |
| 149 | Ultrasonic Cavitation Facilitates Rapid Synthesis of Trisubstituted Pyrazole Scaffolds through Michael Addition/Domino Cyclization. <i>ChemistrySelect</i> , 2019 , 4, 9807-9810 | 1.8 | 4 |
| 148 | The crystal structure of zwitterionic 2-[[[4-iminiumyl-3-methyl-1,4-di-hydro-pyridin-1-yl)meth-yl]carbamo-yl]benzoate hemihydrate. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2017 , 73, 927-931 | 0.7 | 4 |
| 147 | Crystal structure of (1E,1'E)-N,N'-(ethane-1,2-di-yl)bis-[(pyridin-2-yl)methanimine]. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2015 , 71, o431 | 0.7 | 4 |
| 146 | Crystal structure of cis-1-(2-methyl-1,2,3,4-tetra-hydro-quinolin-4-yl)azepan-2-one. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2014 , 70, o981-2 | | 4 |
| 145 | Synthesis, Characterization, Crystal and Molecular Structure Analysis of 2,6-Dimethyl-3-acetyl-5-carbomethoxy-4-(3-nitrophenyl)-1,4-dihydropyridine. <i>Journal of Chemical Crystallography</i> , 2009 , 39, 389-394 | 0.5 | 4 |
| 144 | Synthesis, Characterization and Structural Conformation Studies of 2-Amino-3-ethoxycarbonyl-4-(4-methoxy Phenyl)-4H-pyrano-[3,2-c]-chromene-6-methyl-5-one. <i>Journal of Chemical Crystallography</i> , 2007 , 37, 733-738 | 0.5 | 4 |
| 143 | Synthesis and Structural Conformation Studies of a Potent Unsymmetrical 1,4-Dihydropyridine. <i>Journal of Chemical Crystallography</i> , 2008 , 38, 315-319 | 0.5 | 4 |
| 142 | Synthesis and crystal structure analysis of 2-(4-methyl-2'-biphenyl)-4-amino-1,2,4-triazole-3-thiol. <i>Structural Chemistry</i> , 2006 , 17, 91-95 | 1.8 | 4 |

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| 141 | (E)-1-(3-Bromophenyl)-3-(3-fluorophenyl)prop-2-en-1-one. <i>IUCrData</i> , 2017 , 2, | 0.7 | 4 |
| 140 | Synthesis, characterization and single crystal structures of chiral Schiff base and its tetranuclear palladium complex with PdOPd bridging and PdPd bonds. <i>Journal of Molecular Structure</i> , 2018 , 1156, 301-307 | 3.4 | 4 |
| 139 | Design, synthesis, characterization, crystal structure, Hirshfeld surface analysis, DFT calculations, anticancer, angiogenic properties of new pyrazole carboxamide derivatives. <i>Journal of Molecular Structure</i> , 2021 , 1235, 130271 | 3.4 | 4 |
| 138 | Investigation of the crystal structures of N-(4-fluorobenzoyl)benzenesulfonamide and N-(4-fluoro-benzoyl)-4-methylbenzenesulfonamide. <i>Zeitschrift Fur Kristallographie - Crystalline Materials</i> , 2015 , 230, 543-550 | 1 | 3 |
| 137 | Crystal structure of 3-(thio-phen-2-yl)-5-p-tolyl-4,5-di-hydro-1H-pyrazole-1-carbo-thio-amide. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2015 , 71, 763-5 | 0.7 | 3 |
| 136 | Synthesis, Characterization and Anticancer Studies of Rh(I), Rh(III), Pd(II) and Pt(II) Complexes Bearing A Dithiooxamide Ligand. <i>ChemistrySelect</i> , 2020 , 5, 810-817 | 1.8 | 3 |
| 135 | Synthesis of novel spirobibenzopyrans as potent anticancer leads inducing apoptosis in HeLa cells. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2020 , 30, 127199 | 2.9 | 3 |
| 134 | Three closely related (2,2')-3,3'-(1,4-phenyl-ene)bis-[1-(meth-oxy-phen-yl)prop-2-en-1-ones]: supra-molecular assemblies in one dimension mediated by hydrogen bonding and C-H... inter-actions. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2017 , 73, 896-900 | 0.7 | 3 |
| 133 | Structural elucidation and Hirshfeld surface analysis of a novel pyrazole derivative: 3-(Benzo[d][1,3]dioxol-5-yl)-1-(3-chlorophenyl)-5-(2,4-dichlorophenyl)-4,5-dihydro-1H-pyrazole. <i>Chemical Data Collections</i> , 2018 , 15-16, 89-96 | 2.1 | 3 |
| 132 | Crystal and Molecular Structure Studies of 1?-Benzyl-8-(4-fluorobenzyl)-8-azaspiro[bicyclo-[3.2.1]octane-3,4?-imidazolodine]-2?,5?-dione. <i>Journal of Chemical Crystallography</i> , 2012 , 42, 504-507 | 0.5 | 3 |
| 131 | Crystal and molecular structure studies of 1?-Benzyl-8-(4-fluorobenzyl)-8-azaspiro[bicyclo-[3.2.1]octane-3,4?-imidazolidine]-2?,5?-dione. <i>Journal of Structural Chemistry</i> , 2011 , 52, 959-963 | 0.9 | 3 |
| 130 | Structural Conformation of a Novel 1-Benzhydrylpiperazine Derivative: 1-Benzhydryl-4-(toluene-4-sulfonyl)-piperazine. <i>Journal of Chemical Crystallography</i> , 2009 , 39, 395-398 | 0.5 | 3 |
| 129 | 1-Benzhydryl-4-(4-chloro-phenyl-sulfonyl)piperazine. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2008 , 64, o358 | | 3 |
| 128 | Synthesis and Crystal Structure of Tert-butyl 2-((phenylthio)-carbonyl)pyrrolidine-1-carboxylate. <i>Journal of Chemical Crystallography</i> , 2007 , 37, 721-725 | 0.5 | 3 |
| 127 | Crystal Structure of a Bioactive Intermediate: 1-Benzhydrylpiperazine. <i>Analytical Sciences: X-ray Structure Analysis Online</i> , 2006 , 22, X41-X42 | | 3 |
| 126 | Crystal structure of 8-eth-oxy-3-(4-nitro-phen-yl)-2H-chromen-2-one. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2015 , 71, o860-1 | 0.7 | 3 |
| 125 | (E)-1-(1,3-Benzodioxol-5-yl)-3-[4-(dimethylamino)phenyl]prop-2-en-1-one. <i>IUCrData</i> , 2017 , 2, | 0.7 | 3 |
| 124 | (E)-1-(5-Chlorothiophen-2-yl)-3-(p-tolyl)prop-2-en-1-one. <i>IUCrData</i> , 2017 , 2, | 0.7 | 3 |

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| 123 | (E)-3-(2,3-Dichlorophenyl)-1-phenylprop-2-en-1-one. <i>IUCrData</i> , 2017 , 2, | 0.7 | 3 |
| 122 | (2E,2'E)-3,3'-(1,4-Phenylene)bis[1-(4-fluorophenyl)prop-2-en-1-one]. <i>IUCrData</i> , 2017 , 2, | 0.7 | 3 |
| 121 | 2,5-Dimethoxy-N-phenylbenzenesulfonamide. <i>IUCrData</i> , 2017 , 2, | 0.7 | 3 |
| 120 | An orthorhombic polymorph of (E)-1-(benzo[d][1,3]dioxol-5-yl)-3-(2,3-dichlorophenyl)prop-2-en-1-one. <i>IUCrData</i> , 2017 , 2, | 0.7 | 3 |
| 119 | Synthesis, crystal structure and molecular docking studies of novel 2-(4-(4-substitutedphenylsulfonyl)piperazin-1-yl)quinolone-3-carbaldehyde derivatives. <i>Research on Chemical Intermediates</i> , 2017 , 43, 6131-6154 | 2.8 | 3 |
| 118 | Synthesis, characterization, crystal structure and theoretical simulation of novel ethyl 2-(7-hydroxy-4-methyl-2-oxo-2H-chromen-3-yl)acetate. <i>Chemical Data Collections</i> , 2020 , 28, 100425 | 2.1 | 3 |
| 117 | Ethyl 1-benzyl-2-(4-methoxyphenyl)-1H-benzimidazole-5-carboxylate. <i>IUCrData</i> , 2016 , 1, | 0.7 | 3 |
| 116 | SiCl ₄ mediated one-pot synthesis of novel spirobibenzopyrans as potent anticancer agents. <i>New Journal of Chemistry</i> , 2019 , 43, 4669-4673 | 3.6 | 3 |
| 115 | Supramolecular architectures in N-(4-bromobenzoyl)-arylsulfonamides: crystal structures and Hirshfeld surface analysis. <i>Zeitschrift Fur Kristallographie - Crystalline Materials</i> , 2017 , 232, 767-780 | 1 | 2 |
| 114 | Synthesis of CC, CN coupled novel substituted dibutyl benzothiazepinone derivatives and evaluation of their thrombin inhibitory activity. <i>Bioorganic Chemistry</i> , 2019 , 87, 142-154 | 5.1 | 2 |
| 113 | Crystal structure of ethyl 6-bromo-2-[(E)-2-phenyl-ethen-yl]quinoline-4-carboxyl-ate. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2015 , 71, o121 | 0.7 | 2 |
| 112 | Novel tandem Knoevenagel-Michael condensation product of naphtho[2,1-b]furan-2-carbaldehyde with dimedone: Synthesis, spectroscopic and crystal structure studies. <i>Chemical Data Collections</i> , 2020 , 28, 100458 | 2.1 | 2 |
| 111 | 1,3-Bis[(E)-(3-bromobenzylidene)amino]propan-2-ol. <i>MolBank</i> , 2017 , 2017, M971 | 0.5 | 2 |
| 110 | Synthesis, characterization, single crystal X-ray diffraction and DFT studies of ethyl 5-methyl-1-phenyl-1H-pyrazole-4-carboxylate. <i>Molecular Crystals and Liquid Crystals</i> , 2016 , 629, 135-145 | 0.5 | 2 |
| 109 | Crystal structure and Hirshfeld surface analysis of ()-3-(2-chloro-4-fluoro-phen-yl)-1-(2,5-di-chloro-thio-phen-3-yl)prop-2-en-1-one. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2018 , 74, 1134-1137 | 0.7 | 2 |
| 108 | Synthesis, characterization, crystal structure and Hirshfeld surface analysis of o-tolyloxy acetic acid (1H-indol-3-yl-methylene)-hydrazide. <i>Chemical Data Collections</i> , 2017 , 11-12, 1-10 | 2.1 | 2 |
| 107 | Different supramolecular architectures mediated by different weak interactions in the crystals of three N-aryl-2,5-dimethoxybenzenesulfonamides. <i>Acta Crystallographica Section C, Structural Chemistry</i> , 2017 , 73, 833-844 | 0.8 | 2 |
| 106 | Radical scavenging activity of decalpoline, a novel compound characterized from <i>Decalepis hamiltonii</i> . <i>Chemistry of Natural Compounds</i> , 2012 , 48, 225-230 | 0.7 | 2 |

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|-----|---|-----|---|
| 105 | Synthesis and Crystal Structure of 1-Benzenesulfonyl-4-benzhydryl-piperazine. <i>Molecular Crystals and Liquid Crystals</i> , 2007 , 469, 111-119 | 0.5 | 2 |
| 104 | Synthesis and Crystal Structure Studies of a Novel Bioactive Heterocycle: 1-Benzhydryl-4-phenylmethane Sulfonyl Piperazine. <i>Journal of Chemical Crystallography</i> , 2007 , 37, 727-737 | 0.5 | 2 |
| 103 | Crystal Structure Analysis of a Bioactive Piperazine Analog: 1-[Bis-(4-fluorophenyl)-methyl]-4-methane Sulfonyl Piperazine. <i>Molecular Crystals and Liquid Crystals</i> , 2007 , 469, 89-97 | 0.5 | 2 |
| 102 | Synthesis and Crystal Structure of 2-[(4-Methylbenzoyloxy)-5-methylphenyl]-phenyl methanone. <i>Analytical Sciences: X-ray Structure Analysis Online</i> , 2006 , 22, X155-X156 | | 2 |
| 101 | Synthesis and Crystal Structure of (2-Hydroxy-5-methylphenyl)-(2-bromophenyl)methanone. <i>Analytical Sciences: X-ray Structure Analysis Online</i> , 2006 , 22, X43-X44 | | 2 |
| 100 | Synthesis and X-ray crystal structure analysis of 4-(3,4-dichlorophenyl)-2-(3,4,5-trimethoxy-benzylidene)-3,4-dihydro-naphthalen-1(2H)-one: Sertraline key intermediate analog. <i>Journal of Chemical Research</i> , 2006 , 2006, 730-732 | 0.6 | 2 |
| 99 | N-(2-Nitrobenzylidene)aniline. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2006 , 62, o3790-o3791 | | 2 |
| 98 | 1-Phenylsulfonyl-1H-1,2,4-triazole. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2006 , 62, o5893-o5895 | | 2 |
| 97 | Crystal structure of ethyl 2-(2,4,5-tri-meth-oxy-phen-yl)quinoline-4-carboxyl-ate. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2015 , 71, o514-5 | 0.7 | 2 |
| 96 | Crystal structure of 2-(4-methyl-piperazin-1-yl)quinoline-3-carbaldehyde. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2015 , 71, o900-1 | 0.7 | 2 |
| 95 | Crystal structures of three N-(aryl-sulfon-yl)-4-fluoro-benzamides. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2016 , 72, 575-82 | 0.7 | 2 |
| 94 | Crystal structure and Hirshfeld surface analysis of 2-(4-nitro-phen-yl)-2-oxoethyl benzoate. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2019 , 75, 1719-1723 | 0.7 | 2 |
| 93 | (E)-1-(3-Bromophenyl)-3-(4-nitrophenyl)prop-2-en-1-one. <i>IUCrData</i> , 2017 , 2, | 0.7 | 2 |
| 92 | Synthesis, structural characterization and biological properties of cyclometalated iridium(III) complexes containing [1,2,5]-thiadiazolo-[3,4-f]-[1,10]-phenanthroline. <i>New Journal of Chemistry</i> , 2020 , 44, 17442-17452 | 3.6 | 2 |
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| 90 | Synthesis, crystal and molecular structure and antimicrobial studies of 1-(3-chlorophenyl)-3-(5-chlorothiophen-2-yl)-5-phenyl-4,5-dihydro-1 H -pyrazole. <i>Chemical Data Collections</i> , 2017 , 9-10, 80-88 | 2.1 | 1 |
| 89 | Synthesis, characterization, thermal, optical, crystal structure and Hirshfeld surface analysis of 2-((Pyridin-4-yl)methyl)isoindoline-1,3-dione. <i>Chemical Data Collections</i> , 2017 , 9-10, 164-174 | 2.1 | 1 |
| 88 | One-dimensional copper(II) coordination polymers based on 1,3-bis(pyridin-4-yl)propane and diimine ligands. <i>Acta Crystallographica Section C, Structural Chemistry</i> , 2019 , 75, 496-503 | 0.8 | 1 |

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| 87 | Synthesis, Characterization, Crystal, and Molecular Structure Studies of [1-(3,5-Dimethyl-2,3-dihydro-isoxazole-4-sulfonyl)-piperidin-4-yl]-diphenyl-methanol. <i>Molecular Crystals and Liquid Crystals</i> , 2015 , 616, 143-150 | 0.5 | 1 |
| 86 | Crystal structures of three N-ar-yl-2,2,2-tri-bromo-acetamides. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2015 , 71, 1048-53 | 0.7 | 1 |
| 85 | Crystal structure of ethyl 4-(2,4-di-chloro-phen-yl)-2-methyl-4H-benzo[4,5]thia-zolo[3,2-a]pyrimidine-3-carboxyl-ate. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2015 , 71, o306-7 | 0.7 | 1 |
| 84 | Synthesis, crystal & molecular structure studies and Hirshfeld surface analysis of 4-oxo-4-(pyridin-3-ylamino)butanoic acid. <i>Chemical Data Collections</i> , 2016 , 5-6, 79-87 | 2.1 | 1 |
| 83 | Crystal structures of 3-fluoro-N-[2-(tri-fluoro-meth-yl)phen-yl]benzamide, 3-bromo-N-[2-(tri-fluoro-meth-yl)phen-yl]benzamide and 3-iodo-N-[2-(tri-fluoro-meth-yl)phen-yl]benzamide. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2016 , 72, 819-23 | 0.7 | 1 |
| 82 | Synthesis, spectral characterization, crystal and molecular structure studies of 5-(5-bromo-2-thienyl)-1-(phenyl)-3-phenyl-2-pyrazoline. <i>Chemical Data Collections</i> , 2018 , 17-18, 132-137 | 2.1 | 1 |
| 81 | Synthesis, characterization crystal and molecular structure studies of 5-(3-Methylbenzoyl)-4-methyl-1,3,4,5-tetrahydro-2H-1,5-benzodiazepin-2-one: Hirshfeld surface analysis and DFT calculations. <i>Chemical Data Collections</i> , 2019 , 24, 100292 | 2.1 | 1 |
| 80 | Crystal structure of SAM-dependent methyltransferase from <i>Pyrococcus horikoshii</i> . <i>Acta Crystallographica Section F, Structural Biology Communications</i> , 2017 , 73, 706-712 | 1.1 | 1 |
| 79 | Crystal structure of N-(3-hydroxy-phenyl)succinimide. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2014 , 70, o927 | | 1 |
| 78 | Crystal structure of 1-ethyl-spiro-[imid-az-olidine-4,1'-indane]-2,5-dione. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2014 , 70, o954 | | 1 |
| 77 | Crystal structure of 1'-(2-methyl-prop-yl)-2,3-di-hydro-spiro-[1-benzo-thio-pyran-4,4'-imidazolidine]-2',5'-dione. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2014 , 70, o1043-4 | | 1 |
| 76 | Synthesis and Crystal Structure of S-ethyl-2(tert-butoxycarbonylamino)-4-methyl-pentanethioate. <i>Molecular Crystals and Liquid Crystals</i> , 2010 , 517, 161-166 | 0.5 | 1 |
| 75 | Crystal and Molecular Structure Studies of a Novel 1-Benzhydryl-piperazine Derivative: 1-Benzhydryl-4-(4-chloro-2-fluoro-benzene-sulfonyl)-piperazine. <i>Molecular Crystals and Liquid Crystals</i> , 2009 , 503, 151-158 | 0.5 | 1 |
| 74 | Synthesis and Crystal Structure of 1-(2-Nitro-benzenesulfonyl)-piperidin-4-yl-diphenyl-methanol. <i>Molecular Crystals and Liquid Crystals</i> , 2008 , 482, 145-154 | 0.5 | 1 |
| 73 | Synthesis and Crystal Structure of 6-p-Hydroxyphenyl-5,6-dihydrobenzoimidazo[1,2-c]quinazoline. <i>Analytical Sciences: X-ray Structure Analysis Online</i> , 2008 , 24, X39-X40 | | 1 |
| 72 | Synthesis and Crystal Structure of 1-Benzhydryl-4-Methane-Sulfonyl-Piperazine. <i>Molecular Crystals and Liquid Crystals</i> , 2007 , 474, 67-76 | 0.5 | 1 |
| 71 | Synthesis and Crystal Structure of [2-(4-chlorobenzoyloxy)-5-methylphenyl]-(4-methylphenyl)methanone. <i>Journal of Chemical Crystallography</i> , 2007 , 37, 787-791 | 0.5 | 1 |
| 70 | Synthesis and Crystal Structure of 1-(Cyano(4-methoxyphenyl)methyl)cyclohexyl Acetate. <i>Molecular Crystals and Liquid Crystals</i> , 2007 , 469, 121-129 | 0.5 | 1 |

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| 69 | Crystal Structure of 3-Nitro-4-hydroxycoumarin. <i>Analytical Sciences: X-ray Structure Analysis Online</i> , 2006 , 22, X103-X104 | | 1 |
| 68 | Synthesis and Crystal Structure of Pyrano-[3,2-c]-chromene Derivative. <i>Analytical Sciences: X-ray Structure Analysis Online</i> , 2006 , 22, X101-X102 | | 1 |
| 67 | Synthesis and Crystal Structure of (5-Chloro-2-hydroxyphenyl)-(4-chlorophenyl)methanone. <i>Analytical Sciences: X-ray Structure Analysis Online</i> , 2006 , 22, X157-X158 | | 1 |
| 66 | Crystal Structure of 6-Methoxy-2-naphthaldehyde. <i>Analytical Sciences: X-ray Structure Analysis Online</i> , 2006 , 22, X159-X160 | | 1 |
| 65 | Crystal Structure of 7,8-Dimethylcoumarin-4-acetic Acid Ethyl Ester. <i>Analytical Sciences: X-ray Structure Analysis Online</i> , 2006 , 22, X173-X174 | | 1 |
| 64 | Crystal Structure of 3-para tolyl-6-(4'-methyl-biphenyl-2-yl)-[1,2,4]triazolo[3,4-b][1,3,4]thiadiazole. <i>Analytical Sciences: X-ray Structure Analysis Online</i> , 2006 , 22, X221-X222 | | 1 |
| 63 | Crystal Structure of 2-Ethoxy-N-[4-(pyrimidin-2-ylsulfamoyl)-phenyl]-benzamide. <i>Analytical Sciences: X-ray Structure Analysis Online</i> , 2006 , 22, X235-X236 | | 1 |
| 62 | Synthesis and Crystal Structure of 2-(4-Methoxyphenyl)-3-(3,4,5-trimethoxyphenyl)acrylonitrile. <i>Analytical Sciences: X-ray Structure Analysis Online</i> , 2006 , 22, X265-X266 | | 1 |
| 61 | Crystal Structure of 3-(2-Chloro-6-fluorophenyl)-2-(4-methoxyphenyl)-acrylonitrile. <i>Analytical Sciences: X-ray Structure Analysis Online</i> , 2006 , 22, X291-X292 | | 1 |
| 60 | (Z)-3-(3,4-Dimethoxyphenyl)-2-(4-methoxyphenyl)acrylonitrile. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2006 , 62, o3239-o3241 | | 1 |
| 59 | [5-Fluoro-2-(4-methylbenzoyloxy)phenyl](4-methylphenyl)methanone. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2006 , 62, o5896-o5898 | | 1 |
| 58 | Crystal structures of isomeric 3,5-di-chloro--(2,3-di-methyl-phen-yl)benzene-sulfonamide, 3,5-di-chloro--(2,6-di-methyl-phen-yl)benzene-sulfonamide and 3,5-di-chloro--(3,5-di-methyl-phen-yl)benzene-sulfonamide. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2017 , 73, 1732-1737 | 0.7 | 1 |
| 57 | -[2-(Tri-fluoro-meth-yl)phen-yl]maleamic acid: crystal structure and Hirshfeld surface analysis. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2019 , 75, 766-769 | 0.7 | 1 |
| 56 | Crystal structure and Hirshfeld surface analysis of 2-(4-nitro-phen-yl)-2-oxoethyl picolinate. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2019 , 75, 1763-1767 | 0.7 | 1 |
| 55 | Ethyl 3-methyl-1-phenyl-5-(p-tolyl)-1H-pyrazole-4-carboxylate. <i>IUCrData</i> , 2016 , 1, | 0.7 | 1 |
| 54 | 1-(3-Chlorophenyl)-5-(4-chlorophenyl)-3-(5-chlorothiophen-2-yl)-4,5-dihydro-1H-pyrazole. <i>IUCrData</i> , 2017 , 2, | 0.7 | 1 |
| 53 | (E)-3-(2,3-Dichlorophenyl)-1-(2-methoxyphenyl)prop-2-en-1-one. <i>IUCrData</i> , 2017 , 2, | 0.7 | 1 |
| 52 | (E)-3-(3-Methylthiophen-2-yl)-1-p-tolylprop-2-en-1-one. <i>IUCrData</i> , 2017 , 2, | 0.7 | 1 |

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| 51 | Ethyl 2-(4-methoxyphenyl)-1-methyl-1H-benzimidazole-5-carboxylate. <i>IUCrData</i> , 2017 , 2, | 0.7 | 1 |
| 50 | Crystal structure and Hirshfeld surface analysis of (2,2')-3,3'-(1,4-phenyl-ene)bis-[1-(2,4-di-fluoro-phen-yl)prop-2-en-1-one]. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2017 , 73, 1812-1816 | 0.7 | 1 |
| 49 | Ethyl 1-(4-fluorobenzyl)-2-(4-methoxyphenyl)-1H-benzo[d]imidazole-5-carboxylate. <i>IUCrData</i> , 2016 , 1, | 0.7 | 1 |
| 48 | (E)-1-(1,3-Benzodioxol-5-yl)-3-(2,4,5-trimethoxyphenyl)prop-2-en-1-one. <i>IUCrData</i> , 2017 , 2, | 0.7 | 1 |
| 47 | 3,5-Dichloro-N-(4-methylphenyl)benzenesulfonamide. <i>IUCrData</i> , 2017 , 2, | 0.7 | 1 |
| 46 | 3,5-Dichloro-N-(2,4-dichlorophenyl)benzenesulfonamide. <i>IUCrData</i> , 2017 , 2, | 0.7 | 1 |
| 45 | Cis and trans isomers of 1-(5-bromothiophen-2-yl)-3-(10-chloroanthracen-9-yl)prop-2-en-1-one: Synthesis and characterization. <i>Journal of Molecular Structure</i> , 2021 , 1236, 130228 | 3.4 | 1 |
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| 43 | Synthesis, crystal structure and molecular docking studies of novel 2-(4-benzoylpiperazin-1-yl)quinoline-3-carbaldehyde. <i>Chemical Data Collections</i> , 2019 , 24, 100282 | 2.1 | 0 |
| 42 | Crystal structure of ethyl (6-hydroxy-1-benzo-furan-3-yl)acetate sesquihydrate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2014 , 70, 541-3 | | 0 |
| 41 | Investigation of the crystal structures and Hirshfeld surfaces of three closely related N-(2-fluorobenzoyl)-arylsulfonamides. <i>Zeitschrift Fur Kristallographie - Crystalline Materials</i> , 2016 , 231, 375-384 | 1 | 0 |
| 40 | Crystal structure and Hirshfeld surface analysis of bis (2-(2-(1H-benzo[d]imidazol-2-yl)hydrazono)propan-1-ol) nickel(II) chloride. <i>Chemical Data Collections</i> , 2018 , 17-18, 251-262 | 2.1 | 0 |
| 39 | Crystal structures of isomeric 4-bromo--[(2-nitro-phen-yl)sulfon-yl]benzamide and 4-bromo--[(4-nitro-phen-yl)sulfon-yl]benzamide. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2017 , 73, 314-317 | 0.7 | |
| 38 | Crystal structure of (2-methyl-4-phenyl-4H-benzo[4,5]thia-zolo[3,2-a]pyrimidin-3-yl)(phen-yl)methanone. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2015 , 71, o276-7 | 0.7 | |
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| 35 | Investigation of supramolecular synthons in the crystals of N-(aryl)-succinamic acids and N-(aryl)-maleamic acids: A case study of 4-oxo-4-(pyridin-2-ylamino)butanoic acid. <i>Chemical Data Collections</i> , 2018 , 13-14, 113-125 | 2.1 | |
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