

# Muhammad Nadeem Arshad

## List of Publications by Year in Descending Order

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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.

252  
papers

2,300  
citations

25  
h-index

39  
g-index

259  
ext. papers

2,724  
ext. citations

3.3  
avg, IF

5.47  
L-index

#	Paper	IF	Citations
252	Donor moieties with D- $\pi$ framing modulated electronic and nonlinear optical properties for non-fullerene-based chromophores.. <i>RSC Advances</i> , <b>2022</b> , 12, 4209-4223	3.7	3
251	Synthesis, Characterization and Bio-Potential Activities of Co(II) and Ni(II) Complexes with O and N Donor Mixed Ligands. <i>Crystals</i> , <b>2022</b> , 12, 326	2.3	1
250	DNA binding and cleavage, BRCA1 gene interaction, antiglycation and anticancer studies of transition metal complexes of sulfonamides.. <i>Molecular Diversity</i> , <b>2022</b> , 1	3.1	1
249	Influence of Peripheral Modification of Electron Acceptors in Nonfullerene (O-IDTBR1)-Based Derivatives on Nonlinear Optical Response: DFT/TDDFT Study.. <i>ACS Omega</i> , <b>2022</b> , 7, 11631-11642	3.9	0
248	Exploration of the Intriguing Photovoltaic Behavior for Fused Indacenodithiophene-Based A-D-A Conjugated Systems: A DFT Model Study.. <i>ACS Omega</i> , <b>2022</b> , 7, 11606-11617	3.9	6
247	Synthesis of Crystalline Fluoro-Functionalized Imines, Single Crystal Investigation, Hirshfeld Surface Analysis, and Theoretical Exploration.. <i>ACS Omega</i> , <b>2022</b> , 7, 9867-9878	3.9	6
246	Synthesis, characterization, In-silico and In-vitro investigation of sulfonamide based esters. <i>Journal of Molecular Structure</i> , <b>2022</b> , 1259, 132711	3.4	
245	Enriching NLO efficacy designing non-fullerene molecules with the modification of acceptor moieties into ICIF2F: an emerging theoretical approach.. <i>RSC Advances</i> , <b>2022</b> , 12, 13412-13427	3.7	4
244	Design, synthesis, crystal structure, cytotoxicity evaluation, density functional theory calculations and docking studies of 2-(benzamido) benzohydrazide derivatives as potent AChE and BChE inhibitors.. <i>RSC Advances</i> , <b>2021</b> , 12, 154-167	3.7	2
243	Investigation of Solution Behavior of Antidepressant Imipramine Hydrochloride Drug and Non-Ionic Surfactant Mixture: Experimental and Theoretical Study. <i>Polymers</i> , <b>2021</b> , 13,	4.5	2
242	Synthesis, single crystal X-ray, spectroscopic and computational (DFT) studies 2,1-benzothiazine based hydrazone derivatives. <i>Journal of Molecular Structure</i> , <b>2021</b> , 1230, 129854	3.4	1
241	DNA-Binding and Cytotoxicity of Copper(I) Complexes Containing Functionalized Dipyriddyphenazine Ligands. <i>Pharmaceutics</i> , <b>2021</b> , 13,	6.4	9
240	Docking assisted DNA-binding, biological screening, and nuclease activity of copper complexes derived from sulfonamides. <i>Journal of Coordination Chemistry</i> , <b>2021</b> , 74, 2092-2110	1.6	2
239	Design and synthesis of novel pyrazoline derivatives for their spectroscopic, single crystal X-ray and biological studies. <i>Journal of Molecular Structure</i> , <b>2021</b> , 1234, 130131	3.4	3
238	Structural chemistry and anticancer activity of new heteroleptic palladium(II) carbodithioates. <i>Journal of Molecular Structure</i> , <b>2021</b> , 1225, 129058	3.4	3
237	New metal complexes of sulfonamide: Synthesis, characterization, in-vitro anticancer, anticholinesterase, antioxidant, and antibacterial studies. <i>Applied Organometallic Chemistry</i> , <b>2021</b> , 35,	3.1	12
236	Synthesis Crystal Structure and Spectral Properties of New Sulfonamides. <i>Journal of Chemical Crystallography</i> , <b>2021</b> , 51, 543	0.5	2

235	Effect of coir fiber and TiC nanoparticles on basalt fiber reinforced epoxy hybrid composites: physico-mechanical characteristics. <i>Cellulose</i> , <b>2021</b> , 28, 3451-3471	5.5	30
234	Synthesis, characterization, theoretical, and antimicrobial studies of indenoquinoxalin-based ligands and their reactions with CuBr(PPh <sub>3</sub> ) <sub>3</sub> . <i>Journal of Molecular Structure</i> , <b>2021</b> , 1238, 130309	3.4	1
233	Enzyme inhibition and antioxidant potential of new synthesized sulfonamides; synthesis, single crystal and molecular docking. <i>Journal of Molecular Structure</i> , <b>2021</b> , 1241, 130608	3.4	2
232	Design, synthesis, structure activity relationship and molecular docking studies of thiophene-2-carboxamide Schiff base derivatives of benzohydrazide as novel acetylcholinesterase and butyrylcholinesterase inhibitors. <i>Journal of Molecular Structure</i> , <b>2021</b> , 1244, 130983	3.4	6
231	Aggregational behaviour of promethazine hydrochloride and TX-45 surfactant mixtures: A multi-techniques approach. <i>Journal of Molecular Liquids</i> , <b>2021</b> , 342, 117558	6	5
230	An efficient synthesis, structural (SC-XRD) and spectroscopic (FTIR, <sup>1</sup> HNMR, MS spectroscopic) characterization of novel benzofuran-based hydrazones: An experimental and theoretical studies. <i>Journal of Molecular Structure</i> , <b>2020</b> , 1216, 128318	3.4	13
229	Synthesis, characterization, biological evaluation and molecular docking studies of N-functionalized derivatives of 2-aminobenzohydrazide. <i>Journal of Molecular Structure</i> , <b>2020</b> , 1210, 128042	3.4	6
228	A New Cr Electrochemical Sensor Based on ATNA/Nafion/Glassy Carbon Electrode. <i>Materials</i> , <b>2020</b> , 13,	3.5	6
227	Synthesis, structural properties, enzyme inhibition and molecular docking studies of (Z)-N-(1-allyl-2-oxoindolin-3-ylidene) methanesulfonylhydrazide and (Z)-N-(1-allyl-2-oxoindolin-3-ylidene)-3-nitrobenzenesulfonylhydrazide. <i>Journal of Molecular Structure</i> , <b>2020</b> , 1221, 128880	3.4	2
226	A potent synthesis and supramolecular synthon hierarchy perception of (E)-N-(1-Naphthalen-1-yl-methylene)-benzenesulfonylhydrazide and 1-Naphthaldehyde: A combined experimental and DFT studies. <i>Journal of Molecular Structure</i> , <b>2020</b> , 1221, 128797	3.4	8
225	The synthesis and application of (E)-N-(benzo[dioxol-5-ylmethylene)-4-methyl-benzenesulfonylhydrazide for the detection of carcinogenic lead. <i>RSC Advances</i> , <b>2020</b> , 10, 5316-5327	3.7	14
224	N-Trifluoroacetylated pyrazolines: Synthesis, characterization and antimicrobial studies. <i>Bioorganic Chemistry</i> , <b>2020</b> , 99, 103842	5.1	8
223	Synthesis, Structural and Biological Studies of Organotin(IV) Complexes with N-(Dithiocarboxy) Sarcosine. <i>Arabian Journal for Science and Engineering</i> , <b>2020</b> , 45, 4785-4795	2.5	2
222	Structural, spectroscopic and nonlinear optical properties of sulfonamide derivatives; experimental and theoretical study. <i>Journal of Molecular Structure</i> , <b>2020</b> , 1202, 127393	3.4	9
221	Synthesis, characterization, and crystal structure of (E)-N-(4-Bromobenzylidene)-benzenesulfonylhydrazide and its application as a sensor of chromium ion detection from environmental samples. <i>Journal of Molecular Structure</i> , <b>2020</b> , 1207, 127810	3.4	17
220	Designing Star-Shaped Subphthalocyanine-Based Acceptor Materials with Promising Photovoltaic Parameters for Non-fullerene Solar Cells. <i>ACS Omega</i> , <b>2020</b> , 5, 23039-23052	3.9	21
219	Interaction of ciprofloxacin hydrochloride with sodium dodecyl sulfate in aqueous/electrolytes solution at different temperatures and compositions. <i>Chinese Journal of Chemical Engineering</i> , <b>2020</b> , 28, 216-223	3.2	9
218	Design of novel superalkali doped silicon carbide nanocages with giant nonlinear optical response. <i>Optics and Laser Technology</i> , <b>2020</b> , 122, 105855	4.2	40

217	Cyclization of chalcones into N-propionyl pyrazolines for their single crystal X-ray, computational and antibacterial studies. <i>Journal of Molecular Structure</i> , <b>2020</b> , 1201, 127186	3.4	9
216	Doping superalkali on Zn12O12 nanocage constitutes a superior approach to fabricate stable and high-performance nonlinear optical materials. <i>Optics and Laser Technology</i> , <b>2019</b> , 120, 105753	4.2	30
215	Synthesis and structure characterization of Pt(IV) and Cd(II) 1,10-phenanthroline complexes; fluorescence, antitumor and photocatalytic property. <i>Journal of Molecular Structure</i> , <b>2019</b> , 1192, 230-240	3.4	9
214	Arsenic sensor development based on modification with (E)-N'-(2-nitrobenzylidene)-benzenesulfonylhydrazide: a real sample analysis. <i>New Journal of Chemistry</i> , <b>2019</b> , 43, 9066-9075	3.6	117
213	Spectroscopic and biological properties of platinum complexes derived from 2-pyridyl Schiff bases. <i>Journal of Saudi Chemical Society</i> , <b>2019</b> , 23, 903-915	4.3	14
212	Synthesis and molecular structure of polymeric bis(N-methylthiourea- $\beta$ )bis(thiocyanato- $\beta$ )nickel(II), [Ni(Metu) <sub>2</sub> (NCS) <sub>2</sub> ] <sub>n</sub> ; DFT analysis of [Ni(Metu) <sub>2</sub> (NCS) <sub>2</sub> ] <sub>n</sub> and [Ni(Thiourea) <sub>2</sub> (NCS) <sub>2</sub> ] <sub>n</sub> . <i>Journal of Molecular Structure</i> , <b>2019</b> , 1189, 66-72	3.4	4
211	Sulfonamide hybrid schiff bases of anthranilic acid: Synthesis, characterization and their biological potential. <i>Journal of Molecular Structure</i> , <b>2019</b> , 1185, 8-20	3.4	17
210	Synthesis, X-ray crystal and monoamine oxidase inhibitory activity of 4,6-dihydrobenzo[c]pyrano[2,3-e][1,2]thiazine 5,5-dioxides: In vitro studies and docking analysis. <i>European Journal of Pharmaceutical Sciences</i> , <b>2019</b> , 131, 9-22	5.1	10
209	Antiradical, antimicrobial and enzyme inhibition evaluation of sulfonamide derived esters; synthesis, X-Ray analysis and DFT studies. <i>Journal of Molecular Structure</i> , <b>2019</b> , 1175, 379-388	3.4	18
208	Structure characterization and antitumor activity of palladium pseudo halide complexes with 4-acetylpyridine. <i>Journal of Coordination Chemistry</i> , <b>2019</b> , 72, 3088-3101	1.6	6
207	Environment Friendly Synthesis of N'-(1,3-Diphenylallylidene)-1-ethyl-7-methyl-4-oxo-1,4-dihydro-1,8-naphthyridine-3-carbohydrazides: Crystal Structure and Their Anti-oxidant Potential. <i>Chemical and Pharmaceutical Bulletin</i> , <b>2019</b> , 67, 1191-1200	1.9	2
206	Crystal structure of a new silver(I) coordination polymer assembled from imidazolidine-2-thione (Imt), {[Ag <sub>2</sub> (Imt) <sub>3</sub> (NO <sub>3</sub> ) <sub>2</sub> ] <sub>n</sub> . <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , <b>2019</b> , 74, 565-569	1	2
205	A Thallium Ion Sensor Development Based on the Synthesized (E)-N'-(Methoxybenzylidene)-4-Methylbenzenesulfonylhydrazide Derivatives: Environmental Sample Analysis. <i>ChemistrySelect</i> , <b>2019</b> , 4, 10543-10549	1.8	9
204	The crystal structure of (4Z)-2-[(E)-(1-ethyl-3,3-dimethyl-1,3-dihydro-2H-indol-2-ylidene)methyl]-4-[(1-ethyl-3,3-dimethyl-3H-indolium-2-yl)methyl]C <sub>30</sub> H <sub>32</sub> N <sub>2</sub> O <sub>2</sub> . <i>Zeitschrift Fur Kristallographie - New Crystal Structures</i> , <b>2019</b> , 234, 949-951	0.2	0.2
203	The crystal structure of (E)-3-(4-(dimethylamino)styryl)-5,5-dimethylcyclohex-2-en-1-one, C <sub>18</sub> H <sub>23</sub> NO. <i>Zeitschrift Fur Kristallographie - New Crystal Structures</i> , <b>2019</b> , 234, 953-955	0.2	0.2
202	The crystal structure of 2-((3-methylthiophen-2-yl)methylene)malononitrile, C <sub>9</sub> H <sub>6</sub> N <sub>2</sub> S. <i>Zeitschrift Fur Kristallographie - New Crystal Structures</i> , <b>2019</b> , 234, 327-328	0.2	0.2
201	Synthesis, structures, DNA-binding and anticancer activities of some copper(I)-phosphine complexes. <i>Polyhedron</i> , <b>2019</b> , 158, 164-172	2.7	57
200	Development of selective Co <sup>2+</sup> ionic sensor based on various derivatives of benzenesulfonylhydrazide (BSH) compound: An electrochemical approach. <i>Chemical Engineering Journal</i> , <b>2018</b> , 339, 133-143	14.7	40

199	Sensitive and selective heavy metal ion, Mn <sup>2+</sup> sensor development based on the synthesized (E)-N <sup>?</sup> -chlorobenzylidene-benzenesulfonohydrazide (CBBSH) molecules modified with nafion matrix. <i>Journal of Industrial and Engineering Chemistry</i> , <b>2018</b> , 63, 312-321	6.3	24
198	Structural investigations, anti-leishmanial, antibacterial and docking studies of new pentavalent antimony carboxylates. <i>Inorganica Chimica Acta</i> , <b>2018</b> , 474, 148-155	2.7	13
197	A Ce <sup>2+</sup> sensor based on naphthalen-1-yl-methylene-benzenesulfonohydrazide (NMBSH) molecules: ecological sample analysis. <i>New Journal of Chemistry</i> , <b>2018</b> , 42, 4465-4473	3.6	20
196	Development of a selective and sensitive Ga <sup>3+</sup> sensor for environmental safety: a comparative study of cyclohexyl and aromatic bis-sulphonamide fabricated glassy carbon electrodes. <i>New Journal of Chemistry</i> , <b>2018</b> , 42, 13589-13601	3.6	7
195	Fabrication of a Ga <sup>3+</sup> sensor probe based on methoxybenzylidenebenzenesulfonohydrazide (MBBSH) by an electrochemical approach. <i>New Journal of Chemistry</i> , <b>2018</b> , 42, 1169-1180	3.6	34
194	Sulfonamides containing curcumin scaffold: Synthesis, characterization, carbonic anhydrase inhibition and molecular docking studies. <i>Bioorganic Chemistry</i> , <b>2018</b> , 76, 218-227	5.1	27
193	Hybrid compounds from chalcone and 1,2-benzothiazine pharmacophores as selective inhibitors of alkaline phosphatase isozymes. <i>European Journal of Medicinal Chemistry</i> , <b>2018</b> , 159, 282-291	6.8	7
192	Synthesis, spectroscopic, single crystal diffraction and potential nonlinear optical properties of novel pyrazoline derivatives: Interplay of experimental and computational analyses. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , <b>2018</b> , 202, 146-158	4.4	16
191	Fabrication of Sb sensor based on 1,1'-(-(naphthalene-2,3-diylbis(azanylylidene))bis(methanylylidene))bis(naphthalen-2-ol)/nafion/glassy carbon electrode assembly by electrochemical approach.. <i>RSC Advances</i> , <b>2018</b> , 8, 19754-19764	3.7	10
190	Hg Sensor Development Based on (-)-Nitrobenzylidene-Benzenesulfonohydrazide (NBBSH) Derivatives Fabricated on a Glassy Carbon Electrode with a Nafion Matrix. <i>ACS Omega</i> , <b>2017</b> , 2, 420-431	3.9	56
189	AIE active turn-off fluorescent probe for the detection of Cu ions. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , <b>2017</b> , 183, 84-89	4.4	18
188	Trace electrochemical detection of Ni <sup>2+</sup> ions with bidentate N,N <sup>?</sup> -(ethane-1,2-diyl)bis(3,4-dimethoxybenzenesulfonamide) [EDBDMBS] as a chelating agent. <i>Inorganica Chimica Acta</i> , <b>2017</b> , 464, 157-166	2.7	107
187	Synthesis, molecular structure, quantum mechanical studies and urease inhibition assay of two new isatin derived sulfonylhydrazides. <i>Journal of Molecular Structure</i> , <b>2017</b> , 1133, 80-89	3.4	20
186	Azomethines, isoxazole, N-substituted pyrazoles and pyrimidine containing curcumin derivatives: Urease inhibition and molecular modeling studies. <i>Biochemical and Biophysical Research Communications</i> , <b>2017</b> , 490, 434-440	3.4	20
185	Synthesis, crystal structures, spectroscopic and nonlinear optical properties of chalcone derivatives: A combined experimental and theoretical study. <i>Journal of Molecular Structure</i> , <b>2017</b> , 1141, 142-156	3.4	62
184	Synthesis, characterization, cytotoxicity and computational studies of new phosphine- and carbodithioate-based palladium(II) complexes. <i>Applied Organometallic Chemistry</i> , <b>2017</b> , 31, e3771	3.1	13
183	Crystal structure of N <sup>?</sup> -[(E)-(2-hydroxynaphthalen-1-yl) methylidene] benzenesulfonohydrazide (HNMBSH) and its application as Pb <sup>2+</sup> ion sensor by its fabrication onto glassy carbon electrode. <i>Inorganica Chimica Acta</i> , <b>2017</b> , 467, 297-306	2.7	23
182	Electrochemical Detection of Ni <sup>2+</sup> Ions Using Synthesized (E)-NEChlorobenzylidene-4-methylbenzenesulfonohydrazide Derivatives Modified with a Nafion Matrix. <i>ChemistrySelect</i> , <b>2017</b> , 2, 7455-7464	1.8	20

181	Curcumin: Synthesis optimization and in silico interaction with cyclin dependent kinase. <i>Acta Pharmaceutica</i> , <b>2017</b> , 67, 385-395	3.2	16
180	Trivalent Y ionic sensor development based on (E)-Methyl-N'-nitrobenzylidene-benzenesulfonohydrazide (MNBBSH) derivatives modified with nafion matrix. <i>Scientific Reports</i> , <b>2017</b> , 7, 5832	4.9	32
179	Efficient Synthesis of Pyrazinoic Acid Hybrid Conjugates. <i>SynOpen</i> , <b>2017</b> , 01, 0050-0058	0.7	2
178	Fabrication of cadmium ionic sensor based on (E)-4-Methyl-N'-(1-(pyridin-2-yl)ethylidene)benzenesulfonohydrazide (MPEBSH) by electrochemical approach. <i>Journal of Organometallic Chemistry</i> , <b>2017</b> , 827, 49-55	2.3	106
177	Synthesis and description of intermolecular interactions in new sulfonamide derivatives of tranexamic acid. <i>Journal of Molecular Structure</i> , <b>2016</b> , 1103, 271-280	3.4	4
176	Development of highly efficient Co <sup>2+</sup> ions sensor based on N,N'-(ethane-1,2-diyl)bis(2,5-dimethoxybenzenesulfonamide) (EBDMBS) fabricated glassy carbon electrode. <i>Journal of Organometallic Chemistry</i> , <b>2016</b> , 822, 53-61	2.3	12
175	Synthesis and structural properties of 2-((10-alkyl-10H-phenothiazin-3-yl)methylene)malononitrile derivatives; a combined experimental and theoretical insight. <i>Chemistry Central Journal</i> , <b>2016</b> , 10, 13		10
174	Novel 4-[5-{4-[(2-Benzylidenehydrazine)Carbonyl]phenyl}-3-(Trifluoromethyl)-1H-Pyrazol-1-yl]Benzenesulfonamides: Synthesis, Crystal Structure, Anti-Inflammatory and Ulcerogenicity Studies. <i>Journal of Chemical Research</i> , <b>2016</b> , 40, 167-172		3
173	Molecular structure, spectroscopic and quantum chemical studies of 1,3,3-trimethylspiro[benzo[f]chromene-3,2'-indoline. <i>Journal of Molecular Structure</i> , <b>2016</b> , 1111, 108-117	3.17	15
172	Humidity Sensing Properties of Zinc Oxide-indigo Dye Nanocomposite. <i>Current Nanoscience</i> , <b>2016</b> , 12, 564-568	1.4	2
171	One Pot Selective Arylation of 2-Bromo-5-Chloro Thiophene; Molecular Structure Investigation via Density Functional Theory (DFT), X-ray Analysis, and Their Biological Activities. <i>International Journal of Molecular Sciences</i> , <b>2016</b> , 17,	6.3	18
170	Synthesis of 2-acylated and sulfonated 4-hydroxycoumarins: In vitro urease inhibition and molecular docking studies. <i>Bioorganic Chemistry</i> , <b>2016</b> , 66, 111-6	5.1	35
169	The crystal structure of 4-[(benzo[1,3]dioxol-5-ylmethylene)-amino]-1,5-dimethyl-2-phenyl-1,2-dihydro-pyrazol-3-one, C <sub>19</sub> H <sub>17</sub> N <sub>3</sub> O <sub>3</sub> . <i>Zeitschrift Fur Kristallographie - New Crystal Structures</i> , <b>2016</b> , 231, 1181-1183	0.2	
168	LaBn oxide nanocatalyst: Efficient materials for the synthesis of cyclohexanones. <i>Journal of Molecular Liquids</i> , <b>2016</b> , 224, 359-365	6	3
167	Synthesis, structural, electrochemical, and spectroscopic studies of some (diimine)ruthenium nitrile complexes. <i>Journal of Coordination Chemistry</i> , <b>2015</b> , 68, 1476-1486	1.6	2
166	Photoinduced intramolecular charge transfer and photophysical characteristics of (Z)-3-[4-(dimethylamino) phenyl]-2-(2-methylphenyl) prop-2-ene-nitrile (DPM) in different media. <i>Journal of Molecular Structure</i> , <b>2015</b> , 1098, 153-160	3.4	2
165	Carbon-supported PtCo <sub>2</sub> Ni <sub>2</sub> alloy with enhanced activity and stability for oxygen reduction. <i>Science China Materials</i> , <b>2015</b> , 58, 179-185	7.1	15
164	Synthesis, crystal structures and spectroscopic properties of triazine-based hydrazone derivatives; a comparative experimental-theoretical study. <i>Molecules</i> , <b>2015</b> , 20, 5851-74	4.8	60

163	Hollow ternary PtPdCu nanoparticles: a superior and durable cathodic electrocatalyst. <i>Chemical Science</i> , <b>2015</b> , 6, 3038-3043	9.4	49
162	Synthesis, spectroscopic (UV-Vis and GIAO NMR), crystallographic and theoretical studies of triazine heterocyclic derivatives. <i>Journal of Molecular Structure</i> , <b>2015</b> , 1096, 29-37	3.4	3
161	Synthesis, Crystal Structures and Cytotoxic Activity of New 1,3,4,5-tetrahydro-2H-1,5-benzodiazepine Derivatives. <i>Journal of Chemical Research</i> , <b>2015</b> , 39, 502-508	0.6	4
160	Microwave Assisted Synthesis, Physicochemical, Photophysical, Single Crystal X-ray and DFT Studies of Novel Push-Pull Chromophores. <i>Journal of Fluorescence</i> , <b>2015</b> , 25, 1585-93	2.4	3
159	Development of Hg <sup>2+</sup> sensor based on N <sup>2</sup> -[1-(pyridin-2-yl)ethylidene]benzenesulfonylhydrazide (PEBSH) fabricated silver electrode for environmental remediation. <i>RSC Advances</i> , <b>2015</b> , 5, 81275-81281	3.7	27
158	Efficient Green Synthesis of N <sup>2</sup> -Benzylidene-2-(2-Fluorobiphenyl) Propanehydrazides: Crystal Structure and Anti-Oxidant Potential. <i>Journal of Chemical Research</i> , <b>2015</b> , 39, 668-673	0.6	4
157	Synthesis, spectral behaviour and photophysics of donor-acceptor kind of chalcones: Excited state intramolecular charge transfer and fluorescence quenching studies. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , <b>2015</b> , 136 Pt C, 1893-902	4.4	40
156	Nanohybrid based on antibiotic encapsulated layered double hydroxide as a drug delivery system. <i>Applied Biochemistry and Biotechnology</i> , <b>2015</b> , 175, 1412-28	3.2	13
155	Template- and surfactant-free synthesis of ultrathin CeO nanowires in a mixed solvent and their superior adsorption capability for water treatment. <i>Chemical Science</i> , <b>2015</b> , 6, 2511-2515	9.4	55
154	A microwave-facilitated rapid synthesis of gold nanoclusters with tunable optical properties for sensing ions and fluorescent ink. <i>Chemical Communications</i> , <b>2015</b> , 51, 10539-42	5.8	47
153	Recycling nanowire templates for multiplex templating synthesis: a green and sustainable strategy. <i>Chemistry - A European Journal</i> , <b>2015</b> , 21, 4935-9	4.8	23
152	Synthesis, crystal structure, spectroscopic and density functional theory (DFT) study of N-[3-anthracen-9-yl-1-(4-bromo-phenyl)-allylidene]-N-benzenesulfonylhydrazine. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , <b>2015</b> , 142, 364-74	4.4	51
151	Multilevel topological description of molecular packings in 1,2-benzothiazines. <i>CrystEngComm</i> , <b>2014</b> , 16, 1963-1970	3.3	33
150	Molecular packings and specific-bonding patterns in sulfonamides. <i>New Journal of Chemistry</i> , <b>2014</b> , 38, 4099-4106	3.6	11
149	Synthesis, spectral analysis, X-ray crystal structures and evaluation of chemical reactivity of five new benzimidazole derivatives through experimental and theoretical studies. <i>Journal of Molecular Structure</i> , <b>2014</b> , 1076, 272-279	3.4	12
148	A Possible Route toward Expert Systems in Supramolecular Chemistry: 2-Periodic H-Bond Patterns in Molecular Crystals. <i>Crystal Growth and Design</i> , <b>2014</b> , 14, 1938-1949	3.5	42
147	LIGAND FREE Pd CATALYZED CYCLIZATION-INFLUENCE OF STERIC HINDRANCE. <i>Journal of the Chilean Chemical Society</i> , <b>2014</b> , 59, 2697-2700	2.5	9
146	Spectroscopic investigation, effect of solvent polarity and fluorescence quenching of a new D-EA type chalcone derivative. <i>Journal of Fluorescence</i> , <b>2014</b> , 24, 1629-38	2.4	22

145	Photophysical and electrochemical properties and temperature dependent geometrical isomerism in alkyl quinacridonediimines. <i>New Journal of Chemistry</i> , <b>2014</b> , 38, 752-761	3.6	25
144	Crystal structure of 1-benzoyl-3-(4-fluoro-phen-yl)thio-urea. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2014</b> , 70, o1023-4		
143	4-hydroxy-2H-1,2-benzothiazine-3-carbohydrazide 1,1-dioxide-oxalohydrazide (1:1): X-ray structure and DFT calculations. <i>Journal of Structural Chemistry</i> , <b>2013</b> , 54, 437-442	0.9	26
142	Crystallographic Studies of Dehydration Phenomenon in Methyl 3-hydroxy-2-methyl-1,1,4-trioxo-1,2,3,4-tetrahydro-1[6-benzo[e][1,2]thiazine-3-carboxylate. <i>Journal of Chemical Crystallography</i> , <b>2013</b> , 43, 671-676	0.5	23
141	2-Chloro-6-(2,3-di-chloro-benzene-sulfonamido)-benzoic acid. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2013</b> , 69, o832		
140	2-(Naphthalene-2-sulfonamido)-3-phenyl-propanoic acid. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2013</b> , 69, o194		1
139	1,3-Diethyl-2-sulfanyl-idene-5-(2,4,5-trimeth-oxy-benzyl-idene)-1,3-diazinane-4,6-dione. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2013</b> , 69, o49		
138	2-[(2-Hy-droxy-naphthalen-1-yl)methyl-idene-amino]-5,6,7,8-tetra-hydro-4H-cyclo-hepta-[b]thio-phen-3-carbonitrile. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2013</b> , 69, o193		
137	5-Acetyl-3-(5-phenyl-1H-pyrazol-3-yl)-1,3,4-thia-diazol-2(3H)-one monohydrate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2013</b> , 69, o798		
136	1-[(Z)-1-Ferrocenyl-ethyl-idene]thio-carbonohydrazide. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2012</b> , 68, m1439		
135	cis-Dichloridobis(N,N,N',N'-tetra-methyl-ethane-1,2-diamine)-platinum(II). <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2012</b> , 68, m1562		1
134	6-Bromo-4-(2-cyclo-hexyl-idenehydrazin-1-yl-idene)-1-methyl-2,2-dioxo-3,4-dihydro-1H-2[6],1-benzothia-zine. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2012</b> , 68, o2088-9		
133	2-[(E)-[(2Z)-(3-Chloro-1-methyl-2,2-di-oxo-3,4-dihydro-1H-2,1-benzo-thia-zin-4-yl-idene)hydrazinyl-idene]meth-yl}phenol. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2012</b> , 68, o307		
132	N'-[(Z)-(1,5-Dimethyl-3-oxo-2-phenyl-2,3-dihydro-1H-pyrazol-4-yl)methyl-idene]-2-hy-droxy-benzohydrazide. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2012</b> , 68, o352		
131	Methyl 1-ethyl-7-methyl-4-oxo-1,4-di-hydro-1,8-naphthyridine-3-carboxyl-ate monohydrate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2012</b> , 68, o630-1		
130	3,4-Dimethyl-pyrano[2,3-c]pyrazol-6(2H)-one. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2012</b> , 68, o1217		1
129	[4,4'-(Ethane-1,2-diyldinitrilo)-bis-(pent-2-en-2-olato)]copper(II) 0.25-hydrate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2012</b> , 68, m670		
128	Methyl 2-butyl-4-hy-droxy-1,1-dioxo-2H-1,2-benzothia-zine-3-carboxyl-ate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2012</b> , 68, o1663		2

127	Methyl 2-(but-3-en-yl)-4-hydroxy-1,1-dioxo-2H-1,2-benzothiazine-3-carboxylate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2012</b> , 68, o1926			1
126	1-Ethyl-4-[1-(1-phenyl-ethyl-ylidene)hydrazin-2-yl-ylidene]-3,4-dihydro-1H-2,1-benzothiazine-2,2-dione. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2012</b> , 68, o1927			1
125	N-(2,3-Dihydro-1,4-benzodioxin-6-yl)-4-fluoro-benzene-sulfonamide. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2012</b> , 68, o2433			3
124	2,5-Dichloro-N-(3-methyl-phen-yl)benzenesulfonamide. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2012</b> , 68, o2476			1
123	4-Methyl-2-(2-nitro-benzene-sulfon-amido)-penta-noic acid. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2012</b> , 68, o2573			2
122	2-Benzene-sulfonamido-3-methyl-butyric acid. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2012</b> , 68, o2665			5
121	Ethyl 2-benzene-sulfonamido-4-methyl-penta-noate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2012</b> , 68, o2874			
120	1-(Benzotriazol-1-yl)-2-bromoethanone. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2012</b> , 68, o3179			
119	1-(1H-1,2,3-Benzotriazol-1-yl)-2-(4-methoxy-phen-yl)ethanone. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2012</b> , 68, o3221			
118	Ethyl (Z)-2-chloro-2-[2-(4-methoxy-phenyl)hydrazin-1-yl-ylidene]acetate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2012</b> , 68, o3274			2
117	(Z)-Ethyl 2-chloro-2-[2-(4-methyl-phen-yl)hydrazinyl-ylidene]acetate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2012</b> , 68, o3420			
116	SYNTHESIS OF NOVEL ANTI-BACTERIAL 2,1-BENZOTHIAZINE 2,2-DIOXIDES DERIVED FROM METHYL ANTHRANILATE. <i>Journal of the Chilean Chemical Society</i> , <b>2011</b> , 56, 527-531	2.5		26
115	Structures of Benzenesulfonylamino-3-(4-benzenesulfonyloxy-phenyl)-propionic acid and 2-(toluene-4-sulfonylamino)-3-[4-(toluene-4-sulfonyloxy)-phenyl]-propionic acid: Variations in L-tyrosine Backbone Conformation, Intramolecular Aromatic Stacking and Short C-H...O Interactions. <i>Crystals</i> , <b>2011</b> , 1, 69-77	2.3		1
114	N-(2-Bromo-phen-yl)-4-methyl-N-(4-methyl-phen-yl)sulfon-yl)benzene-sulfonamide. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2011</b> , 67, o2356			1
113	Dicarbonyl-dichlorido(N,N,N',N'-tetra-methyl-ethylenediamine)-ruthenium(II). <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2011</b> , 67, m925			
112	Methyl 4-hydroxy-2-isopropyl-1,1-dioxo-2H-1,2-benzothiazine-3-carboxylate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2011</b> , 67, o1823-4			1
111	2-Imino-3-(2-nitro-phen-yl)-1,3-thiazolidin-4-one. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2011</b> , 67, o2564			
110	N-Cyclo-hexyl-4-methoxy-benzene-sulfonamide. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2011</b> , 67, o885-6			2

109	2-Ethyl-2,3-dihydro-1,2-benzothiazole-1,1,3-trione. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2011</b> , 67, o887	1
108	2-(4-Chloro-benzamido)-acetic acid. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2011</b> , 67, o916	
107	4-[[4-Methyl-phen-yl)sulfon-yl]amino]-benzoic acid. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2011</b> , 67, o1018	6
106	2-Chloro-4-(2-iodo-benzene-sulfonamido)-benzoic acid. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2011</b> , 67, o1327	2
105	N-[Amino-(azido)-meth-ylidene]-4-methyl-benzene-sulfonamide. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2011</b> , 67, o2140	4
104	4-Hydrazinyl-idene-1-methyl-3H-2[1]-benzothiazine-2,2-dione. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2011</b> , 67, o2038	6
103	6-Bromo-4-hydrazinyl-idene-1-methyl-3H-2[1]-benzothiazine-2,2-dione. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2011</b> , 67, o2078	3
102	(2S)-3-(1H-Indol-3-yl)-2-(4-methyl-benzene-sulfonamido)-propionic acid monohydrate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2011</b> , 67, o2325	2
101	Methyl 4-hydroxy-2-methoxy-carbonyl-methyl-1,1-dioxo-1,2-dihydro-1[2]-benzothiazine-3-carboxyl-ate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2011</b> , 67, o2527	
100	N'-[(E)-1-(4-Bromo-phen-yl)ethyl-idene]-4-hydroxy-2-methyl-1,1-dioxo-2H-1,2-benzothiazine-3-carbohydrazide. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2011</b> , 67, o2613	1
99	1-Azido-N'-(phenylsulfonyl)methanimidamide. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2011</b> , 67, o2703	3
98	Benzyl 2-[4-[2-(4-chloro-benzoyl-amino)-ethyl]phen-oxyl]-2-methyl-propionate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2011</b> , 67, o2803	
97	Methyl 4-hydroxy-1,1-dioxo-2-(2-phenyl-ethyl)-2H-1[2]-benzothiazine-3-carboxyl-ate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2011</b> , 67, o3445	1
96	6-Bromo-1-methyl-4-[2-(4-methyl-benzyl-idene)hydrazinyl-idene]-3H-2[1]-benzothiazine-2,2-dione. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2011</b> , 67, o2092	8
95	Methyl 2-benzyl-4-hydroxy-1,1-dioxo-1,2,3,4-tetra-hydro-1[2]-benzothiazine-3-carboxyl-ate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2011</b> , 67, o1588-9	2
94	Methyl 2-(1,1,3-trioxo-2,3-dihydro-1,2-benzothiazol-2-yl)acetate: a monoclinic polymorph. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2010</b> , 66, o1028	2
93	Methyl 2-ethyl-4-hydroxy-2H-1,2-benzothiazine-3-carboxyl-ate 1,1-dioxide. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2010</b> , 66, o1070	4
92	N-Benzyl-N-ethyl-4-methyl-benzene-sulfonamide. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2010</b> , 66, o2507	2

91	(2S)-3-Carbamoyl-2-(4-methoxybenzenesulfonamido)propanoic acid. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2010</b> , 66, o2596	1
90	1-Propyl-1H-2,1-benzothiazin-4(3H)-one 2,2-dioxide. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2010</b> , 66, o2839	2
89	N-(2-Methoxyphenyl)-4-methylbenzenesulfonamide. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2010</b> , 66, o2976	1
88	3,3,6-Tribromo-1-methyl-1H-2,1-benzothiazin-4(3H)-one 2,2-dioxide. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2010</b> , 66, o3109	0
87	N-[4-(p-Toluenesulfonamido)phenylsulfonyl]acetamide. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2010</b> , 66, o299	4
86	N-(p-Tolylsulfonyl)-l-asparagine. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2010</b> , 66, o541	3
85	Poly[[di- $\mu$ -aqua-( $\mu$ -4-formyl-2-methoxyphenolato)disodium] 4-formyl-2-methoxyphenolate]. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2010</b> , 66, m149-50	
84	(1E,3E,5E,7E)-4,4'-(Octa-1,3,5,7-tetraene-1,8-diyl)dipyridine. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2010</b> , 66, o508	
83	Methyl 3,5-bis-[(4-hydroxymethyl-2-methoxyphenoxy)methyl]benzoate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2010</b> , 66, o703	
82	1,3-Bis(bromomethyl)-2-nitrobenzene. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2010</b> , 66, o834	
81	N-Ethyl-N-phenyl-p-toluenesulfonamide. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2010</b> , 66, o979	
80	N-Cyclohexyl-4-methyl-N-propylbenzenesulfonamide. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2010</b> , 66, o741	
79	3-Chlorobenzohydrazide. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2010</b> , 66, o2169	
78	4-(4-Bromobenzenesulfonamido)benzoic acid. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2009</b> , 65, o1073	2
77	2-(2-Iodobenzenesulfonamido)acetic acid. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2009</b> , 65, o549	5
76	1-Ammonio-naphthalene-2-sulfonate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2009</b> , 65, o2505	1
75	4-(2-Iodobenzenesulfonamido)benzoic acid monohydrate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2009</b> , 65, o230	8
74	N-Acetyl-4-(benzenesulfonamido)benzenesulfonamide. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2009</b> , 65, o1180	2

73	N-Cyclohexyl-N-methylbenzene-sulfonamide. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2009</b> , 65, o2892	
72	4-Hydroxy-benzohydrazide. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2009</b> , 65, o1764	4
71	N-[2-(Amino-carbon-yl)phen-yl]-4-hydr-oxy-2-methyl-2H-1,2-benzothia-zine-3-carboxamide 1,1-dioxide. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2009</b> , 65, o2596	8
70	4-Hydr-oxy-N-(2,4,6-tribromo-phen-yl)-2H-1,2-benzothia-zine-3-carboxamide 1,1-dioxide. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2009</b> , 65, o2998	
69	Methyl 4-hydr-oxy-2-propyl-2H-1,2-benzothia-zine-3-carboxyl-ate 1,1-dioxide. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2009</b> , 65, o3025	2
68	Methyl 2-allyl-4-hydr-oxy-2H-1,2-benzothia-zine-3-carboxyl-ate 1,1-dioxide. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2009</b> , 65, o3077	6
67	4-Amino-3-bromo-benzoic acid. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2009</b> , 65, o640	3
66	2-(Methoxy-carbon-yl)anilinium dihydrogen phosphate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2009</b> , 65, o1786	1
65	S-1,3-Benzothia-zol-2-yl (2Z)-2-(2-amino-1,3-thia-zol-4-yl)-2-(methoxy-imino)-ethane-thio-ate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2009</b> , 65, o1805	2
64	1-(5-Hydr-oxy-3-methyl-1-phenyl-1H-pyrazol-4-yl)ethanone: a new monoclinic polymorph. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2009</b> , 65, o330	3
63	2-Chloro-5-(2-iodo-benzene-sulfonamido)-benzoic acid. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2009</b> , 65, o281	4
62	3,3-Dichloro-1-ethyl-1H-2,1-benzothia-zin-4(3H)-one 2,2-dioxide. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2009</b> , 65, o430	3
61	2-Bromo-4-nitro-aniline. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2009</b> , 65, o480	2
60	4-Chloro-1-iodo-2-nitro-benzene. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2009</b> , 65, o535	3
59	5-Benzene-sulfonamido-2-chloro-benzoic acid. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2009</b> , 65, o831	1
58	4-(2-Methoxy-benzyl-idene)-2-phenyl-1,3-oxazol-5(4H)-one. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2009</b> , 65, o842	1
57	(2R)-2-Benzene-sulfonamido-2-phenyl-ethanoic acid. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2009</b> , 65, o940	8
56	Methyl 5-bromo-2-[meth-yl(methyl-sulfon-yl)amino]benzoate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2009</b> , 65, o955	3

55	2-[(E)-3-Phenyl-prop-2-en-yl]-1,2-benzisothiazol-3(2H)-one 1,1-dioxide. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2009</b> , 65, o1011	2
54	2-(Prop-2-en-yl)-1,2-benzisothiazol-3(2H)-one 1,1-dioxide. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2009</b> , 65, o1236	2
53	2-benzenesulfonamidobenzoic Acid. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2009</b> , 65, o1246-7	10
52	6-Bromo-3,3-dichloro-1-methyl-1H-2,1-benzothiazin-4(3H)-one 2,2-dioxide. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2009</b> , 65, o1413	4
51	2-(4-Bromo-benzene-sulfonamido)-2-phenyl-acetic acid monohydrate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2009</b> , 65, o1953-4	2
50	N'-(4-Bromo-phenyl-sulfon-yl)isonicotino-hydrazide. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2009</b> , 65, o1991	2
49	4-Phenyl-semicarbazide. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2009</b> , 65, o2360	3
48	(2R)-2-Benzene-sulfonamido-2-phenyl-ethanoic acid: a new monoclinic polymorph. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2009</b> , 65, o2436	2
47	2-methanesulfonamidobenzoic Acid. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2009</b> , 65, o2453	1
46	N-Cyclo-hexyl-N-ethyl-benzene-sulfonamide. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2009</b> , 65, o2867	10
45	N-Benzyl-N-cyclo-hexyl-benzene-sulfonamide. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2009</b> , 65, o3053	2
44	N-(Phenyl-sulfon-yl)-l-asparagine. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2009</b> , 65, o3229	3
43	6-Bromo-1-ethyl-1H-2,1-benzothiazin-4(3H)-one 2,2-dioxide. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2009</b> , 65, o393	6
42	3,5-Dimethyl-2,6-diphenyl-3,4,5,6-tetra-hydro-2H-pyran-4-one. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2009</b> , 65, o463	
41	Ethyl (Z)-2-cyano-3-(9-ethyl-9H-carbazol-3-yl)prop-2-enoate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2009</b> , 65, o1169	
40	2-[(E)-2,5-Dimethoxy-benzyl-idene]indan-1-one. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2009</b> , 65, o1061	
39	2-(3-Methyl-but-2-en-1-yl)-1,2-benzisothiazol-3(2H)-one 1,1-dioxide. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2009</b> , 65, o986	1
38	6-Bromo-1-methyl-1H-2,1-benzothiazin-4(3H)-one 2,2-dioxide. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2009</b> , 65, o1182	3

- 37 (E)-2-Cyano-3-[4-(dimethyl-amino)phen-yl]-N-phenyl-prop-2-enamide. *Acta Crystallographica Section E: Structure Reports Online*, **2009**, 65, o1303
- 36 Methyl 2-(benzene-sulfonamido)acetate. *Acta Crystallographica Section E: Structure Reports Online*, **2009**, 65, o1204 1
- 35 2-(4-Bromo-benzene-sulfonamido)benzoic acid. *Acta Crystallographica Section E: Structure Reports Online*, **2009**, 65, o1610-1 2
- 34 Poly[hemi- $\mu$ -[ $\mu$ -(2-bromobenzenesulfonamido)benzoato]sodium(I)]. *Acta Crystallographica Section E: Structure Reports Online*, **2009**, 65, m982
- 33 2-(4-Bromo-benzene-sulfonamido)acetic acid. *Acta Crystallographica Section E: Structure Reports Online*, **2009**, 65, o1816
- 32 (2Z)-2-(4-Methyl-phen-yl)-3-(2-naphth-yl)prop-2-enenitrile. *Acta Crystallographica Section E: Structure Reports Online*, **2009**, 65, o2409
- 31 Piperidinium 4-hydr-oxy-3-methoxy-carbon-yl-1,2-benzothia-zin-2-ide 1,1-dioxide. *Acta Crystallographica Section E: Structure Reports Online*, **2009**, 65, o2451
- 30 A nonmerohedral twin of methyl 2-[meth-yl(methyl-sulfon-yl)amino]benzoate. *Acta Crystallographica Section E: Structure Reports Online*, **2009**, 65, o2588
- 29 3-Methoxy-benzohydrazide. *Acta Crystallographica Section E: Structure Reports Online*, **2009**, 65, o2473 1
- 28 2-Methoxy-benzohydrazide. *Acta Crystallographica Section E: Structure Reports Online*, **2009**, 65, o2542
- 27 2-(Phenyl-sulfan-yl)pyridine-3-carboxylic acid. *Acta Crystallographica Section E: Structure Reports Online*, **2009**, 65, o2662
- 26 4-Benzene-sulfonamido-benzoic acid. *Acta Crystallographica Section E: Structure Reports Online*, **2009**, 65, o3086
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19	N-Cyclo-hexyl-N-ethyl-4-methyl-benzene-sulfonamide. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2009</b> , 66, o102	2
18	2-Methyl-5-nitro-benzene-sulfonamide. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2009</b> , 66, o136	
17	N-(4-Chloro-2-nitro-phen-yl)-N-(methyl-sulfon-yl)acetamide. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2008</b> , 64, o2092	2
16	Methyl 3-hydr-oxy-4-oxo-3,4-dihydro-2H-1,2-benzothia-zine-3-carboxyl-ate 1,1-dioxide monohydrate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2008</b> , 64, o2045	23
15	(1E,4E)-1,5-Bis(4-methyl-phen-yl)penta-1,4-dien-3-one. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2008</b> , 64, o1413	6
14	7-Nitro-5H-1-benzothio-pyrano[2,3-b]pyridin-5-one. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2008</b> , 64, o730	6
13	Degradation of atorvastatin: (1R,2S,4S,5S)-4-(4-fluoro-phen-yl)-2-hydro-peroxy-4-hydr-oxy-2-isopropyl-N,5-diphenyl-3,6-dioxabicyclo-[3.1.0]hexane-1-one. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2008</b> , 64, o1548	
12	Methyl 2-(N-ethyl-methane-sulfonamido)benzoate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2008</b> , 64, o389	6
11	1-Methyl-1H-2,1-benzothia-zin-4(3H)-one 2,2-dioxide. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2008</b> , 64, o557	13
10	Potassium 2-iodo-benzene-sulfonate monohydrate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2008</b> , 64, m994	4
9	5H-1-Benzothio-pyrano[2,3-b]pyridin-5-one. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2008</b> , 64, o1704	6
8	4-Iodo-benzohydrazide. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2008</b> , 64, o2188	5
7	(Cyano-meth-yl)triphenyl-phospho-nium chloride. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2008</b> , 64, o2213	2
6	2-(Benzene-sulfonamido)acetic acid. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2008</b> , 64, o2283-4	11
5	Methyl (4-bromo-benzene-sulfonamido)acetate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2008</b> , 64, o2380	5
4	Sodium 2-iodo-benzene-sulfonate monohydrate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2008</b> , 64, m1628	3
3	N-(4-Chloro-2-nitro-phen-yl)methane-sulfonamide. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2008</b> , 64, o2034-5	
2	Synthesis, Characterization, Molecular Docking and Antimicrobial Activity of Novel Spiropyrrolidine Derivatives. <i>Polycyclic Aromatic Compounds</i> , 1-13	1-3 4

1	Synthesis of N-Methylspiropyrrolidine Hybrids for Their Structural Characterization, Biological and Molecular Docking Studies. <i>Polycyclic Aromatic Compounds</i> ,1-14	1.3	o
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