

Vijayaparthasarathi Vijayakumar

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.

176
papers

1,033
citations

15
h-index

25
g-index

187
ext. papers

1,152
ext. citations

3.1
avg, IF

4.43
L-index

#	Paper	IF	Citations
176	Synthesis and Biological Evaluation of Novel Benzhydrylpiperazine-Coupled Nitrobenzenesulfonamide Hybrids. <i>ACS Omega</i> , 2021 , 6, 9731-9740	3.9	5
175	Design and characterisation of piperazine-benzofuran integrated dinitrobenzenesulfonamide as H37Rv strain inhibitors. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2021 , 36, 1751-1759	5.6	2
174	Acetic Acid-Mediated Synthesis of Kojic Acid Derivatives. <i>Russian Journal of Organic Chemistry</i> , 2021 , 57, 1158-1166	0.7	
173	Design, Synthesis, and the Effects of (-)-9-Oxo-octadec-10-en-12-ynoic Acid Analogues to Promote Glucose Uptake. <i>ACS Omega</i> , 2021 , 6, 24118-24127	3.9	
172	Synthesis, characterization, and hypoglycemic efficacy of nitro and amino acridines and 4-phenylquinoline on starch hydrolyzing compounds: an in silico and in vitro study. <i>Structural Chemistry</i> , 2020 , 31, 2063-2074	1.8	1
171	Rationally designed imidazole derivative as colorimetric and fluorometric sensor for selective, qualitative and quantitative cyanide ion detection in real time samples. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2020 , 234, 118212	4.4	13
170	Eco-friendly synthesis of silver nanoparticles from the whole plant of and evaluation of their characterization, antibacterial, antioxidant and antidiabetic properties. <i>Saudi Journal of Biological Sciences</i> , 2020 , 27, 3601-3614	4	14
169	Design, synthesis and exploration of in silico α -amylase and β -glucosidase binding studies of pyrrolidine-appended quinoline-constrained compounds. <i>Research on Chemical Intermediates</i> , 2020 , 46, 1869-1880	2.8	3
168	A Pyrazole-Based Highly Selective Colorimetric Chemosensor for Hg ²⁺ Ion in Semi-Aqueous Medium. <i>ChemistrySelect</i> , 2020 , 5, 49-53	1.8	4
167	Synthesis of New 3-(2-Amino-6-arylpyrimidin-4-yl)-4-hydroxyquinolin-2(1H)-ones and Their In Vitro Antimicrobial and DPPH Scavenging Activity Evaluation. <i>ChemistrySelect</i> , 2020 , 5, 7967-7972	1.8	6
166	Biological Impacts of Metal(II) Complex-Based DNA Probes Derived from Bidentate N,O Donor Schiff Base Ligand. <i>Applied Biochemistry and Biotechnology</i> , 2020 , 190, 373-390	3.2	2
165	Structural analysis, antimicrobial and cytotoxic studies on new metal(II) complexes containing N ₂ O ₂ donor Schiff base ligand. <i>Journal of Molecular Structure</i> , 2019 , 1183, 342-350	3.4	23
164	Reactive oxygen species (ROS)-responsive microspheres for targeted drug delivery of camptothecin. <i>Journal of Drug Delivery Science and Technology</i> , 2019 , 52, 722-729	4.5	8
163	Synthesis of New Thiazolidine-2,4-dione-azole Derivatives and Evaluation of Their α -Amylase and β -Glucosidase Inhibitory Activity 2019 , 43, 735-745		5
162	Synthesis and exploration of in-silico and in-vitro β -glucosidase and α -amylase inhibitory activities of N-(3-acetyl-2-methyl-4-phenylquinolin-6-yl)arylamides. <i>Journal of the Iranian Chemical Society</i> , 2019 , 16, 1071-1080	2	1
161	An efficient solvent-free synthesis of 3-acetyl-4-arylquinoline-based enaminones and its derivatives using DMFDMA reagent. <i>Chemical Papers</i> , 2018 , 72, 2001-2012	1.9	4
160	Synthesis of novel benzenesulfamide derivatives with inhibitory activity against human cytosolic carbonic anhydrase I and II and <i>Vibrio cholerae</i> β -and β -class enzymes. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2018 , 33, 1125-1136	5.6	14

159	New bio-sensitive and biologically active single crystal of pyrimidine scaffold ligand and its gold and platinum complexes: DFT, antimicrobial, antioxidant, DNA interaction, molecular docking with DNA/BSA and anticancer studies. <i>Bioorganic Chemistry</i> , 2018 , 81, 144-156	5.1	32
158	Magnetic iron oxide nanoparticles (MIONs) cross-linked natural polymer-based hybrid gel beads: Controlled nano anti-TB drug delivery application. <i>Journal of Biomedical Materials Research - Part A</i> , 2018 , 106, 1039-1050	5.4	14
157	Structural Elucidation and Antioxidant Activity of Ethyl Gallate Isolated from <i>Acacia nilotica</i> (L.) Wild. ex. Delile subsp. indica (Benth.) Brenan. <i>The National Academy of Sciences, India</i> , 2018 , 41, 355-359	0.6	1
156	DMFDMA catalyzed synthesis of 2-((Dimethylamino)methylene)-3,4-dihydro-9-arylacridin-1(2H)-ones and their derivatives: in-vitro antifungal, antibacterial and antioxidant evaluations. <i>Open Chemistry</i> , 2018 , 16, 1077-1088	1.6	1
155	Synthesis, DNA binding and in-vitro cytotoxicity studies on novel bis-pyrazoles. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2017 , 168, 89-97	6.7	14
154	A new class of arylsulfonamide-based 3-acetyl-2-methyl-4-phenylquinolines and in vitro evaluation of their antioxidant, antifungal, and antibacterial activities. <i>Research on Chemical Intermediates</i> , 2017 , 43, 5691-5705	2.8	3
153	A catalyst free synthesis of 8, 9, 11-trihalo-5H-benzofuro[3,2-c]carbazol-10-ols. <i>Tetrahedron Letters</i> , 2017 , 58, 3979-3983	2	1
152	Novel Sulfamide-Containing Compounds as Selective Carbonic Anhydrase I Inhibitors. <i>Molecules</i> , 2017 , 22,	4.8	18
151	Synthesis and characterization of new 3-(4,5-dihydro-5-aryl)isoxazol-3-yl)-4-hydroxyquinolin-2(1H)-ones and 3-(4-styryl)isoxazolo[4,5-c]quinolin-4(5H)-one derivatives. <i>Arabian Journal of Chemistry</i> , 2016 , 9, S835-S839	5.9	6
150	Microwave assisted synthesis of 2,6-diaryl-4-piperidones and 2,4,6,8-tetraaryl-3,7-diazabicyclo[3.3.1]nonan-9-ones. <i>Arabian Journal of Chemistry</i> , 2016 , 9, S1101-S1104	5.9	4
149	A rapid microwave assisted synthesis of 1-(6-chloro-2-methyl-4-phenylquinolin-3-yl)-3-(aryl)prop-2-en-1-ones and their anti bacterial and anti fungal evaluation. <i>Arabian Journal of Chemistry</i> , 2016 , 9, S35-S40	5.9	12
148	(E)-9-oxooctadec-10-en-12-ynoic acid from <i>Ixora brachiata</i> Roxb. increases glucose uptake in L6 myotubes by activating the PI3K pathway. <i>Floterap</i> , 2016 , 114, 26-33	3.2	5
147	A simple, one-pot oxidative esterification of aryl aldehydes through dialkyl acetal using hydrogen peroxide. <i>Research on Chemical Intermediates</i> , 2016 , 42, 5849-5858	2.8	2
146	Design, synthesis and biological evaluation of novel azaspiro analogs of linezolid as antibacterial and antitubercular agents. <i>European Journal of Medicinal Chemistry</i> , 2016 , 122, 475-487	6.8	24
145	12-(3,4,5-Tri-meth-oxy-phen-yl)-2,3,4,12-tetra-hydro-1H-5-oxa-tetra-phen-1-one: crystal structure and Hirshfeld surface analysis. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2016 , 72, 809-14	0.7	
144	Hydrogen bonding in 2,6-bis(4-fluorophenyl)-3,5-dimethylpiperidin-4-one methanol solvate. <i>Zeitschrift Fur Kristallographie - Crystalline Materials</i> , 2016 , 231, 365-374	1	
143	Synthesis and antioxidant studies of novel bi-, tri-, and tetrapodal 9-aryl-1,8-dioxo-octahydroxanthenes. <i>Tetrahedron Letters</i> , 2015 , 56, 1401-1406	2	8
142	Synthesis of 4-hydroxy-2(1H)-quinolone derived chalcones, pyrazolines and their antimicrobial, in silico antimalarial evaluations. <i>Applied Biochemistry and Biotechnology</i> , 2015 , 175, 43-64	3.2	26

141	Synthesis of diversely substituted adamantanes as a new class of antimicrobial agent. <i>Research on Chemical Intermediates</i> , 2015 , 41, 6765-6776	2.8	6
140	CuO nanoparticles: synthesis and application as an efficient reusable catalyst for the preparation of xanthene substituted 1,2,3-triazoles via click chemistry. <i>Tetrahedron Letters</i> , 2015 , 56, 5002-5009	2	15
139	Synthesis, spectral characterization and DFT analysis for the validation of 2, 6 diaryl-piperidin-4-ones as potential sunscreens and UV filters. <i>Journal of Molecular Structure</i> , 2015 , 1099, 560-566	3.4	6
138	An efficient l-proline catalyzed synthesis of pyrazolo[3,4-e][1,4]thiazepine derivatives and their in vitro cytotoxicity studies. <i>Medicinal Chemistry Research</i> , 2015 , 24, 553-562	2.2	7
137	Synthesis, characterization of (3E)-1-(6-chloro-2-methyl-4-phenyl quinolin-3-yl)-3-aryl prop-2-en-1-ones through IR, NMR, single crystal X-ray diffraction and insights into their electronic structure using DFT calculations. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2015 , 136 Pt B, 1010-7	4.4	3
136	Regioselective synthesis of novel 2-chloroquinoline-based methyl 4-(4-hydroxyphenyl)-2-methyl-5-oxo-1,4,5,6,7,8-hexahydroquinoline-3-carboxylates. <i>Research on Chemical Intermediates</i> , 2015 , 41, 1315-1325	2.8	
135	Ionic liquid[tbmim]Cl ₂ /AlCl ₃ under ultrasonic irradiation towards synthesis of 1,4-DHPB. <i>Arabian Journal of Chemistry</i> , 2015 , 8, 138-141	5.9	18
134	Microwave-assisted clean synthesis of xanthenes and chromenes in [bmim][PF ₆] and their antioxidant studies. <i>Research on Chemical Intermediates</i> , 2015 , 41, 7413-7426	2.8	18
133	Ultrasound-mediated, uranyl nitrate hexahydrate-catalyzed synthesis of 1,4-dihydropyridines under mild conditions. <i>Research on Chemical Intermediates</i> , 2015 , 41, 6877-6883	2.8	2
132	Synthesis of novel 9-((arylidene)hydrazono)-2,4,6,8-tetrakis(4-methoxyphenyl)-3,7-diazabicyclo[3.3.1]nonane azines as potential antibacterial agents. <i>Research on Chemical Intermediates</i> , 2015 , 41, 6497-6509	2.8	2
131	Growth, spectral, optical, thermal, surface analysis and third order nonlinear optical properties of an organic single crystal: 1-(2-Methyl-6-nitro-4-phenyl-3-quinolyl) ethanone. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2015 , 137, 23-8	4.4	10
130	Alumina Nanoparticle Catalyzed Efficient Synthesis of Highly Substituted Imidazoles. <i>Molecules</i> , 2015 , 20, 19221-35	4.8	7
129	Simple and efficient synthesis of 4-arylamino-1,3-dioxanes in aqueous medium: a new route for the Prins reaction. <i>Research on Chemical Intermediates</i> , 2015 , 41, 8441-8450	2.8	1
128	Regioselective synthesis of 2-chloroquinoline based ethyl 4-(3-hydroxyphenyl)-2,7,7-trimethyl-5-oxo-1,4,5,6,7,8-hexahydroquinoline-3- carboxylates and their in-silico evaluation against P. falciparum lactate dehydrogenase. <i>Medicinal Chemistry</i> , 2015 , 11, 789-97	1.8	1
127	Ultrasound-promoted synthesis of bi-, tri- and tetrapodal polyhydroquinolines, 1,4-dihydropyridines and the corresponding pyridines. <i>RSC Advances</i> , 2014 , 4, 39-46	3.7	13
126	General and efficient synthesis of benzoxazol-2(3H)-ones: evolution of their anti-cancer and anti-mycobacterial activities. <i>RSC Advances</i> , 2014 , 4, 59594-59602	3.7	6
125	Nickel oxide nanoparticles catalyzed synthesis of poly-substituted quinolines via Friedlander hetero-annulation reaction. <i>Chinese Chemical Letters</i> , 2014 , 25, 1595-1600	8.1	20
124	Growth, optical, luminescence, thermal and mechanical behavior of an organic single crystal: 3-Acetyl-2-methyl-4-phenylquinolin-1-ium chloride. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2014 , 123, 78-84	4.4	11

123	Regioselective synthesis of novel 2-chloroquinoline derivatives of 1,4-dihydropyridines. <i>Research on Chemical Intermediates</i> , 2014 , 40, 1851-1866	2.8	2
122	Synthesis and Crystal Structures of the Derivatives of Butyrate and 1,3-Dioxane; Allyl 2-acetyl-3-(phenylamino)butanoate, 2,6-Dimethyl N-(4-methylphenyl)-1,3-dioxan-4-amine and N-(3,5-Difluorophenyl)-2,6-dimethyl-1,3-dioxan-4-amine. <i>Journal of Chemical Crystallography</i> , 2013 , 43, 523-530	0.5	1
121	Regioselective synthesis and biological evaluation of novel bis(2-chloroquinolines). <i>Research on Chemical Intermediates</i> , 2013 , 39, 4259-4267	2.8	4
120	Ultrasound-promoted synthesis of novel 2-chloroquinolin-4-pyrimidine carboxylate derivatives as potential antibacterial agents. <i>Research on Chemical Intermediates</i> , 2013 , 39, 1807-1815	2.8	9
119	Ultrasound-promoted synthesis, biological evaluation and molecular docking of novel 7-(2-chloroquinolin-4-yloxy)-4-methyl-2H-chromen-2-one derivatives. <i>Medicinal Chemistry Research</i> , 2013 , 22, 3185-3192	2.2	11
118	βketo esters from ketones and ethyl chloroformate: a rapid, general, efficient synthesis of pyrazolones and their antimicrobial, in silico and in vitro cytotoxicity studies. <i>Organic and Medicinal Chemistry Letters</i> , 2013 , 3, 6		15
117	N-(4-Meth-oxy-phen-yl)-2,6-dimethyl-1,3-dioxan-4-amine. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2013 , 69, o1490		
116	N-(2-Fluoro-phen-yl)-2,6-dimethyl-1,3-dioxan-4-amine. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2013 , 69, o1524		2
115	N-(4-Bromo-phen-yl)-2,6-dimethyl-1,3-dioxan-4-amine. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2013 , 69, o1579		
114	2,6-Dimethyl-N-(2-methyl-phen-yl)-1,3-dioxan-4-amine. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2013 , 69, o1561		
113	N-(4-Fluoro-phen-yl)-2,6-dimethyl-1,3-dioxan-4-amine. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2013 , 69, o1602		
112	Simple, fast and efficient synthesis of βketo esters from the esters of heteroaryl compounds, its antimicrobial study and cytotoxicity towards various cancer cell lines. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2012 , 22, 4193-7	2.9	1
111	Ultrasound-promoted synthesis of novel bipodal and tripodalpiperidin-4-ones and silica chloride mediated conversion to its piperidin-4-ols: synthesis and structural confinements. <i>Ultrasonics Sonochemistry</i> , 2012 , 19, 522-31	8.9	14
110	Tracing of ethyl 2-acetyl-3-(arylamino)butanoate intermediates (βamino ketones) and their structural confinement. <i>Research on Chemical Intermediates</i> , 2012 , 38, 1629-1635	2.8	1
109	PEG400-Lithium Carbonate Catalyzed Synthesis of 1,4-Dihydropyridines under Solvent-free Conditions. <i>Organic Preparations and Procedures International</i> , 2012 , 44, 153-158	1.1	5
108	An Efficient Microwave Assisted Eco-friendly Synthesis of 6-Chloro-3-(3-arylacryloyl)-2-methyl-4-phenylquinolines and their Conversion to 6-Chloro-3-(1-phenyl-5-aryl-4,5-dihydro-1H-pyrazol-3-yl)-2-methyl-4-phenylquinolines. <i>Journal of the Chinese Chemical Society</i> , 2012 , 59, 66-71	1.5	12
107	Synthesis and an Evaluation of Molecular Conformation and Crystal Packing in Two Substituted 4-Phenylquinolines. <i>Journal of Chemical Crystallography</i> , 2012 , 42, 583-587	0.5	2
106	Diisobutyl 4-(3-eth-oxy-4-hy-droxy-phen-yl)-2,6-dimethyl-1,4-dihydro-pyridine-3,5-dicarboxyl-ate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2012 , 68, o287-8		2

- 105 Diethyl 2,6-dihydroxy-4-(3-nitro-phen-yl)-2,6-bis-(trifluoro-meth-yl)piperidine-3,5-dicarboxyl-ate. *Acta Crystallographica Section E: Structure Reports Online*, **2012**, 68, o400-1
- 104 10a-Hydroxy-9-(4-methoxy-phen-yl)-3,4,5,6,7,8a,9,10a-octa-hydro-1H-xanthene-1,8(2H)-dione. *Acta Crystallographica Section E: Structure Reports Online*, **2012**, 68, o2367-8 2
- 103 Novel bipodal, tripodal, and tetrapodal 1,4-dihydropyridines [Microwave-assisted synthesis and structural confinements. *Canadian Journal of Chemistry*, **2011**, 89, 1236-1244 0.9 9
- 102 Ionic Liquid [EMIM]OAc under Ultrasonic Irradiation towards Synthesis of 1,4-DHP's. *Journal of the Chinese Chemical Society*, **2011**, 58, 384-388 1.5 17
- 101 A novel route to 4-oxy/thio substituted-1H-pyrazol-5(4H)-ones via efficient cross-Claisen condensation. *Journal of Heterocyclic Chemistry*, **2011**, 48, 323-330 1.9 6
- 100 5-Ethyl-2-(4-fluoro-phen-yl)-4-phen-oxy-1H-pyrazol-3(2H)-one. *Acta Crystallographica Section E: Structure Reports Online*, **2011**, 67, o475 2
- 99 1,1'-Bis(4-fluoro-phen-yl)-3,3'-diisobutyl-4,4'-diphen-oxy-1H,1'H-4,4'-bipyrazole-5,5'(4H,4'H)-dione. *Acta Crystallographica Section E: Structure Reports Online*, **2011**, 67, o1036
- 98 (E)-3-[4-(Dimethyl-amino)-phen-yl]-1-(2-methyl-4-phenyl-quinolin-3-yl)prop-2-en-1-one 0.7-hydrate. *Acta Crystallographica Section E: Structure Reports Online*, **2011**, 67, o1521-2
- 97 5-Ethyl-4-phenyl-1H-pyrazol-3(2H)-one. *Acta Crystallographica Section E: Structure Reports Online*, **2011**, 67, o403-4 2
- 96 3-Isobutyl-4-phenyl-sulfanyl-1H-pyrazol-5-ol. *Acta Crystallographica Section E: Structure Reports Online*, **2011**, 67, o463-4
- 95 (E)-4-(1,3-Benzodioxol-5-yl)but-3-en-2-one. *Acta Crystallographica Section E: Structure Reports Online*, **2011**, 67, o583 3
- 94 (2E)-1-(6-Chloro-2-methyl-4-phenyl-quinolin-3-yl)-3-(4-chloro-phen-yl)prop-2-en-1-one. *Acta Crystallographica Section E: Structure Reports Online*, **2011**, 67, o624 1
- 93 1,3-Dimethyl-4-phenyl-sulfanyl-1H-pyrazol-5-ol. *Acta Crystallographica Section E: Structure Reports Online*, **2011**, 67, o633
- 92 (E)-1-(2-Methyl-4-phenyl-quinolin-3-yl)-3-phenyl-prop-2-en-1-one. *Acta Crystallographica Section E: Structure Reports Online*, **2011**, 67, o764-5 1
- 91 4-[[5-(4-Chloro-phen-yl)-1-(4-fluoro-phen-yl)-1H-pyrazol-3-yl]carbon-yl]-N-ethyl-piperazine-1-carboxamide. *Acta Crystallographica Section E: Structure Reports Online*, **2011**, 67, o1747-8 1
- 90 9-(4-Hydroxy-phen-yl)-3,3,6,6-tetra-methyl-4,5,6,9-tetra-hydro-3H-xanthene-1,8(2H,7H)-dione. *Acta Crystallographica Section E: Structure Reports Online*, **2011**, 67, o1876-7 5
- 89 3-Ethyl-4-methyl-1H-pyrazol-2-ium-5-olate. *Acta Crystallographica Section E: Structure Reports Online*, **2011**, 67, o2129 2
- 88 1,1'-[4-(2,4-Dichloro-phen-yl)-2,6-di-methyl-1,4-di-hydro-pyridine-3,5-di-yl]diethanone. *Acta Crystallographica Section E: Structure Reports Online*, **2011**, 67, o380-1

87	(E)-1,1,4,4-Tetra-phenyl-but-2-yne-1,4-diol. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2010 , 66, o679	3
86	3-Acetyl-6-chloro-2-methyl-4-phenyl-quinolinium perchlorate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2010 , 66, o1192-3	
85	(2E)-3-(4-Bromo-phen-yl)-1-(2-methyl-4-phenyl-3-quinol-yl)prop-2-en-1-one. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2010 , 66, o1110	8
84	1-(2-Methyl-6-nitro-4-phenyl-3-quinol-yl)ethanone. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2010 , 66, o1237	3
83	N,N'-Bis(4-fluoro-phen-yl)urea. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2010 , 66, o1319	0
82	(2E,4E)-1-(6-Chloro-2-methyl-4-phenyl-3-quinol-yl)-5-phenyl-penta-2,4-dien-1-one. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2010 , 66, o1321	2
81	1-[2,4,6-Trimethyl-3,5-bis-(4-oxopiperidin-1-ylmeth-yl)benz-yl]piperidin-4-one. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2010 , 66, o1306-7	2
80	Dimethyl 4-(3,4-dimethoxy-phen-yl)-2,6-dimethyl-1,4-dihydro-pyridine-3,5-dicarboxyl-ate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2010 , 66, o1355-6	1
79	5-Pentyl-4-phenyl-sulfonyl-1H-pyrazol-3-ol. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2010 , 66, o1482-3	8
78	3-Acetyl-2-methyl-4-phenyl-quinolin-1-ium chloride. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2010 , 66, o2001	1
77	Ethyl 2-methyl-5-oxo-4-(3,4,5-trimeth-oxy-phen-yl)-1,4,5,6,7,8-hexa-hydro-quinoline-3-carboxyl-ate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2010 , 66, o2240	1
76	4-{2-[5-(4-Chloro-phen-yl)-1-(4-fluoro-phen-yl)-1H-pyrazol-3-yl]thia-zol-4-yl}benzotrile. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2010 , 66, o2286-7	1
75	4-[[5-(4-Chloro-phen-yl)-1-(4-fluoro-phen-yl)-1H-pyrazol-3-yl]carbon-yl]-N-(4-cyano-phen-yl)piperazine-1-carboxamide. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2010 , 66, o2563-4	4
74	tert-Butyl 4-[[5-(4-chloro-phen-yl)-1-(4-fluoro-phen-yl)-1H-pyrazol-3-yl]carbon-yl]piperazine-1-carboxyl-ate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2010 , 66, o2682	
73	3-Hy-droxy-2-[(2-hy-droxy-4,4-dimethyl-6-oxocyclo-hex-1-en-1-yl)(3-nitro-phen-yl)meth-yl]-5,5-dimethyl-cyclo-hex-2-en-1-ol. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2010 , 66, o2806-7	7
72	Ethyl 2-[5-(4-chloro-phen-yl)-1-(4-fluoro-phen-yl)-1H-pyrazol-3-yl]-4-methyl-thia-zole-5-carboxyl-ate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2010 , 66, o2925	3
71	3-(2,5-Dimethyl-furan-3-yl)-1H-pyrazol-5-ol-ethyl 3-(propan-2-yl-idene)carbazate (1/1). <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2010 , 66, o3020-1	1
70	4,5,6,7,8,9-Hexahydro-2H-cyclo-octa[c]pyrazol-1-ium-3-olate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2010 , 66, o3019	3

69	5-Isobutyl-4-phenyl-sulfonyl-1H-pyrazol-3(2H)-one. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2010 , 66, o3050-1	2	
68	1-[[5-(4-Chloro-phen-yl)-1-(4-fluoro-phen-yl)-1H-pyrazol-3-yl]carbon-yl]}piperidin-4-one. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2010 , 66, o3233-4	1	
67	2,4,6,8-Tetra-kis(4-ethyl-phen-yl)-3,7-diaza-bicyclo-[3.3.1]nonan-9-one. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2010 , 66, o1316	1	
66	4-Methyl-5-phenyl-1H-pyrazol-3-ol. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2010 , 66, o1697-8	3	
65	(2E)-1-(6-Chloro-2-methyl-4-phenyl-quinolin-3-yl)-3-phenyl-prop-2-en-1-one. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2010 , 66, o1780	3	
64	3-Ethyl-4-phen-oxy-1-(2,2,2-trifluoro-eth-yl)-1H-pyrazol-5-ol. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2010 , 66, o1937-8		
63	1-{3-[(4-Oxopiperidin-1-yl)carbon-yl]benzoyl}piperidin-4-one. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2010 , 66, o1988	2	
62	5-Cyclo-hexyl-4-methyl-1H-pyrazol-3(2H)-one monohydrate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2010 , 66, o2760-1	1	
61	1-(4-Fluoro-phen-yl)-3-methyl-4-phenyl-sulfanyl-1H-pyrazol-5(4H)-one. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2010 , 66, o2815-6	2	
60	5-Ethyl-4-methyl-1H-pyrazol-3(2H)-one. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2010 , 66, o1357-8	12	
59	(2E)-3-(4-Methyl-phen-yl)-1-(2-methyl-4-phenyl-quinolin-3-yl)prop-2-en-1-one monohydrate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2010 , 66, o2710-1		
58	(E)-1-(6-Chloro-2-methyl-4-phenyl-3-quinol-yl)-3-(4-ethoxy-phen-yl)prop-2-en-1-one. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2010 , 66, o374	5	
57	(2E)-3-(4-Eth-oxy-phen-yl)-1-(2-methyl-4-phenyl-quinolin-3-yl)prop-2-en-1-one monohydrate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2010 , 66, o3284	3	
56	1-[5-Acetyl-4-(4-bromo-phen-yl)-2,6-dimethyl-1,4-dihydro-pyridin-3-yl]ethanone monohydrate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2010 , 66, o658-9	4	
55	4a-Hy-droxy-9-(2-meth-oxy-phen-yl)-4,4a,5,6,7,8,9,9a-octa-hydro-3H-xanthene-1,8(2H)-dione. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2010 , 67, o35-6	2	
54	4-Methyl-5-phenyl-1H-pyrazol-3(2H)-one. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2010 , 67, o151-2	3	
53	Synthesis and antimicrobial activities of novel 1,5-diaryl pyrazoles. <i>European Journal of Medicinal Chemistry</i> , 2010 , 45, 1173-80	6.8	121
52	Ethyl 2-acetyl-3-(4-bromo-anilino)butanoate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2010 , 66, o296	1	

51	6-Chloro-3-[5-(4-fluoro-phen-yl)-1-phenyl-4,5-dihydro-1H-pyrazol-3-yl]-2-methyl-4-phenyl-quinoline. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2010 , 66, o304			1
50	(E)-1-(6-Chloro-2-methyl-4-phenyl-3-quinol-yl)-3-(2-methoxy-phen-yl)prop-2-en-1-one. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2010 , 66, o353-4			5
49	Diethyl 4-(2,4-dichloro-phen-yl)-2,6-dimethyl-1,4-dihydro-pyridine-3,5-dicarboxyl-ate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2010 , 66, o363			1
48	(E)-N-Benzyl-idene-4H-1,2,4-triazol-4-amine. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2010 , 66, o558			2
47	(2E,6E)-2,6-Bis(2,4,5-trimethoxy-benzyl-idene)cyclo-hexa-none. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2010 , 66, o630-1			1
46	Dimethyl 4-(3-hydroxy-phen-yl)-2,6-dimethyl-1,4-dihydro-pyridine-3,5-dicarboxyl-ate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2010 , 66, o985			2
45	2,4,6,8-Tetra-kis(4-bromo-phen-yl)-3,7-diaza-bicyclo-[3.3.1]nonan-9-one. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2010 , 66, o265-6			1
44	Dimethyl 1,4-dihydro-4-(4-methoxy-phen-yl)-2,6-dimethyl-pyridine-3,5-dicarboxyl-ate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2010 , 66, o587-8			
43	1-[6-Chloro-4-(2-chloro-phen-yl)-2-methyl-3-quinol-yl]ethanone. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2010 , 66, o2002			
42	Tert-butyl 3-oxo-2,3,4,5,6,7-hexa-hydro-1H-pyrazolo[4,3-c]pyridine-5-carboxyl-ate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2009 , 66, o142-3			14
41	3-Acetyl-6-chloro-4-phenyl-quinolin-2(1H)-one. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2009 , 66, o228			
40	Synthesis of some novel bioactive 4-oxy/thio substituted-1H-pyrazol-5(4H)-ones via efficient cross-Claisen condensation. <i>European Journal of Medicinal Chemistry</i> , 2009 , 44, 3852-7	6.8		66
39	Hantzsch 1,4-dihydropyridine esters and analogs: candidates for generating reproducible one-dimensional packing motifs. <i>Acta Crystallographica Section B: Structural Science</i> , 2009 , 65, 375-81			17
38	Characterisation of novel pH indicator of natural dye Oldenlandia umbellata L. <i>Natural Product Research</i> , 2009 , 23, 1210-7	2.3		15
37	4-Azido-2-chloro-6-methyl-quinoline. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2009 , 65, o671			3
36	1-(6-Chloro-2-methyl-4-phenyl-quinolin-3-yl)-3-(3-methoxy-phen-yl)prop-2-en-1-one. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2009 , 66, o91-2			7
35	3,3,6,6-Tetra-methyl-9-phenyl-3,4,5,6-tetra-hydro-9H-xanthene-1,8(2H,7H)-dione. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2009 , 65, o916			12
34	4,8,9,10-Tetra-kis(4-fluoro-phen-yl)-1,3-diaza-tricyclo-[3.3.1.1]decan-6-one. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2009 , 65, o1530			2

33	Methyl 4-(3-ethoxy-4-hydroxy-phen-yl)-6-methyl-2-oxo-1,2,3,4-tetra-hydro-pyrimidine-5-carboxyl-ate monohydrate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2009 , 65, o1921-2	6
32	Ethyl 2-acetyl-3-(4-chloro-anilino)butanoate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2009 , 65, o2125	2
31	Dimethyl 4-(4-ethoxy-phen-yl)-2,6-dimethyl-1,4-dihydro-pyridine-3,5-dicarboxyl-ate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2009 , 65, o2255-6	2
30	Diethyl 4-(4-ethoxy-phen-yl)-2,6-dimethyl-1,4-dihydro-pyridine-3,5-dicarboxyl-ate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2009 , 65, o2247-8	4
29	Diethyl 2,6-dimethyl-4-p-tolyl-1,4-dihydro-pyridine-3,5-dicarboxyl-ate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2009 , 65, o2342-3	2
28	2,4,6,8-Tetra-kis(2-methoxy-phen-yl)-3,7-diaza-bicyclo-[3.3.1]nonan-9-one diethyl ether hemisolvate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2009 , 65, o2486-7	3
27	6-Chloro-2-methyl-4-phenyl-3-[1-phenyl-5-(2-thien-yl)-4,5-dihydro-1H-pyrazol-3-yl]quinoline. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2009 , 65, o2707-8	3
26	6-Chloro-3-[5-(3-methoxy-8-methyl-4-quinol-yl)-1-phenyl-4,5-dihydro-1H-pyrazol-3-yl]-2-methyl-4-phenyl-quinoline. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2009 , 65, o2665-6	4
25	1-(6-Chloro-2-methyl-4-phenyl-3-quinol-yl)ethanone. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2009 , 65, o2688-9	9
24	1,1'-[4-(4-Methoxy-phen-yl)-2,6-dimethyl-1,4-dihydro-pyridine-3,5-di-yl]diethanone. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2009 , 65, o2795	2
23	1,1'-[4-(2-Methoxyphenyl)-2,6-dimethyl-1,4-dihydropyridine-3,5-diyl]diethanone. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2009 , 65, o2877	1
22	3-Acetyl-6-chloro-2-methyl-4-phenyl-quinolinium hydrogen sulfate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2009 , 65, o3144-5	6
21	5-Methoxy-methyl-4-phen-oxo-1H-pyrazol-3-ol. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2009 , 65, o3249-50	13
20	1,1'-(p-Phenyl-enedimethyl-ene)dipiperidin-4-one. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2009 , 66, o170	4
19	Diammonium 1,1',3,3'-tetra-methyl-2,2',4,4',6,6'-hexa-oxoperhydro-5,5'-bipyrimidine-5,5'-diide monohydrate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2009 , 65, o2655-6	1
18	Ethyl 4-(3-hydroxy-phen-yl)-2,7,7-trimethyl-5-oxo-1,4,5,6,7,8-hexa-hydro-quinoline-3-carboxyl-ate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2009 , 65, o2664	1
17	7-Chloro-3,3-dimethyl-9-phenyl-1,2,3,4-tetra-hydro-acridin-1-one. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2009 , 65, o3237-8	1
16	Methyl 6-chloro-2-methyl-4-phenyl-quinoline-3-carboxyl-ate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2009 , 66, o169	

15	Crystal Structure of 4,8,9,10-Tetraphenyl-1,3-diazaadamantane. <i>Analytical Sciences: X-ray Structure Analysis Online</i> , 2008 , 24, X249-X250		1
14	Crystal Structure of 2,4-Bis(4-chlorophenyl)-3-azabicyclo[3.3.1]nonan-9-one. <i>Analytical Sciences: X-ray Structure Analysis Online</i> , 2008 , 24, X133-X134		
13	2,4,6,8-Tetra-kis(4-fluoro-phen-yl)-3,7-diaza-bicyclo-[3.3.1]nonan-9-one. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2008 , 64, o2496		2
12	Ethyl 2-acetyl-3-anilinobutanoate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2006 , 62, o5367-o5368		2
11	Synthesis and study on 2,4,6,8-tetraaryl- 3,7-diazabicyclo[3.3.1]nonanes and their derivatives. <i>Magnetic Resonance in Chemistry</i> , 2005 , 43, 479-82	2.1	8
10	Ethyl 4-oxo-2,6-diphenyl-4-piperidine-3-carboxylate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2003 , 59, o1672-o1674		5
9	4,8,9,10-Tetraphenyl-1,3-diazaadamantan-6-one. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2002 , 58, o675-o677		3
8	4,8,9,10-Tetrakis(4-chlorophenyl)-1,3-diazaadamantan-6-one. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2001 , 57, o860-o862		2
7	A ¹ H and ¹³ C NMR study of 4,8,9,10-tetraaryl-1,3-diazatricyclo[3.3.1.1 ^{3,7}]decan-6-ones. <i>Magnetic Resonance in Chemistry</i> , 2001 , 39, 645-647	2.1	3
6	NMR and IR spectroscopic study of mono-, bi- and tricyclic piperidone systems. <i>Magnetic Resonance in Chemistry</i> , 2001 , 39, 101-104	2.1	12
5	NMR study of the stereochemistry of 2,4,6,8-tetraaryl-3,7-diazabicyclo[3.3.1]nonan-9-ones. <i>Magnetic Resonance in Chemistry</i> , 2000 , 38, 883-885	2.1	11
4	Imidazole Appended Novel Phenoxyquinolines as New Inhibitors of α -Amylase and β -Glucosidase Evidenced with Molecular Docking Studies. <i>Polycyclic Aromatic Compounds</i> , 1-13	1.3	1
3	Synthesis of Novel N-(6-(Trifluoromethyl)Pyridin-2-yl)Pyrimidin-4-Amine Analogues. <i>Polycyclic Aromatic Compounds</i> , 1-8	1.3	
2	Synthesis and In Vitro Antimicrobial Evaluation of New Quinolone Based 2-Arylamino Pyrimidines. <i>Polycyclic Aromatic Compounds</i> , 1-22	1.3	
1	Synthesis of New 6-Oxo-1,6-Dihydropyrimidin-5-Carboxamides and Evaluation of Their anti-Bacterial and anti-Oxidant Activities. <i>Polycyclic Aromatic Compounds</i> , 1-11	1.3	0