

Seranthimata Samshuddin

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91
papers

611
citations

14
h-index

21
g-index

99
ext. papers

644
ext. citations

1.2
avg, IF

3.76
L-index

#	Paper	IF	Citations
91	Investigation of third-order nonlinear and optical power limiting properties of terphenyl derivatives. <i>Optics and Laser Technology</i> , 2014 , 56, 425-429	4.2	53
90	Antimicrobial, analgesic, DPPH scavenging activities and molecular docking study of some 1,3,5-triaryl-2-pyrazolines. <i>Medicinal Chemistry Research</i> , 2012 , 21, 2012-2022	2.2	47
89	1-[3,5-Bis(4-fluoro-phen-yl)-4,5-dihydro-1H-pyrazol-1-yl]ethanone. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2010 , 66, o582-3		38
88	Theoretical Studies on the Structure and Various Physico-Chemical and Biological Properties of a Terphenyl Derivative with Immense Anti-Protozoan Activity. <i>Polycyclic Aromatic Compounds</i> , 2021 , 41, 825-840	1.3	37
87	Methyl 4,6-bis-(4-fluoro-phen-yl)-2-oxo-cyclo-hex-3-ene-1-carboxyl-ate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2010 , 66, o864-5		34
86	3,5-Bis(4-fluoro-phen-yl)-1-phenyl-4,5-dihydro-1H-pyrazole. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2010 , 66, o1948-9		29
85	A Review on 1,2,4-Triazole Derivatives as Corrosion Inhibitors. <i>Journal of Bio- and Tribo-Corrosion</i> , 2017 , 3, 1	2.9	25
84	3,5-Bis(4-fluoro-phen-yl)-4,5-dihydro-1H-pyrazole-1-carbaldehyde. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2011 , 67, o1292-3		23
83	2,3-Dibromo-1,3-bis-(4-fluoro-phen-yl)propan-1-one. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2010 , 66, o2018		20
82	3,5-Bis(4-bromo-phen-yl)-1-phenyl-4,5-dihydro-1H-pyrazole. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2010 , 66, o1279-80		18
81	2,4-Bis(4-fluoro-phen-yl)-2,3-dihydro-1H-1,5-benzodiazepine. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2011 , 67, o1262-3		18
80	FT-IR, molecular structure, HOMO-LUMO, MEP, NBO analysis and first order hyperpolarizability of Methyl 4,4'-difluoro-5'-methoxy-1,1':3',1''-terphenyl-4'-carboxylate. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2014 , 133, 480-8	4.4	17
79	A study on the reactions of alkyl 4,6-bis(4-fluorophenyl)-2-oxocyclohex-3-ene-1-carboxylate and in vitro antioxidant activity of derivatives. <i>Medicinal Chemistry Research</i> , 2013 , 22, 3002-3011	2.2	15
78	1-(4,4''-Difluoro-5'-meth-oxy-1,1':3',1''-terphenyl-4'-yl)ethanone. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2012 , 68, o163		14
77	Ethyl 4,4''-Difluoro-5'-hydroxy-1,1':3',1''-terphenyl-4'-carboxylate. <i>MolBank</i> , 2011 , 2011, M745	0.5	12
76	1,3-Bis(4-fluoro-phen-yl)-N,N'-(propane-1,3-diyl-idene)dihydroxyl-amine. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2011 , 67, o1954-5		12
75	Synthesis, Characterization and Crystal Structures of 3,5-Bis(4-fluorophenyl)-4,5-dihydro-1H-pyrazole-1-carboxamide and 3,5-Bis(4-fluorophenyl)-4,5-dihydro-1H-pyrazole-1-carbothioamide. <i>Crystals</i> , 2012 , 2, 1108-1115	2.3	10

74	5-(4,4''-Difluoro-5'-hydroxy-1,1':3',1''-terphenyl-4'-yl)-3-(morpholin-4-ylmethyl)-1,3,4-oxadiazole-2(3H)-thione. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2011 , 67, o3372		10
73	Synthesis, characterization, and biological evaluation of some new functionalized terphenyl derivatives. <i>International Journal of Medicinal Chemistry</i> , 2012 , 2012, 530392	1.7	9
72	Synthesis and Crystal Structures of Two New Schiff Base Hydrazones Derived from Biphenyl-4-Carbohydrazide. <i>Journal of Chemical Crystallography</i> , 2011 , 41, 1442-1446	0.5	8
71	1-[3,5-Bis(4-chloro-phen-yl)-4,5-dihydro-1H-pyrazol-1-yl]ethanone. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2010 , 66, o1950-1		8
70	Pseudosymmetry, polymorphism and weak interactions: 4,4''-difluoro-5'-hydroxy-1,1':3',1''-terphenyl-4'-carboxylic acid and its derivatives. <i>CrystEngComm</i> , 2013 , 15, 9893	3.3	7
69	(E)-1-(4,4''-Difluoro-5'-methoxy-1,1':3',1''-terphenyl-4'-yl)-3-(6-methoxy-naphthalen-2-yl)prop-2-en-1-one. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2011 , 67, o3327-8		7
68	(2E)-3-(3-Bromo-4-methoxy-phen-yl)-1-(pyridin-2-yl)prop-2-en-1-one. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2011 , 67, o352-3		6
67	4,6-Bis(4-fluoro-phen-yl)-2-phenyl-1H-indazol-3(2H)-one. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2011 , 67, o1346-7		6
66	(E)-1-(4,4''-Difluoro-5'-methoxy-1,1':3',1''-terphenyl-4'-yl)-3-(4-methyl-phen-yl)prop-2-en-1-one. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2011 , 67, o3181-2		6
65	Methyl 4,4''-difluoro-5'-methoxy-1,1':3',1''-terphenyl-4'-carboxylate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2011 , 67, o3390		6
64	1-Methyl-piperazine-1,4-dium dipicrate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2011 , 67, o390-1		5
63	(2E)-1-(4,4''-Difluoro-5'-methoxy-1,1':3',1''-terphenyl-4'-yl)-3-(4-fluoro-phen-yl)prop-2-en-1-one. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2011 , 67, o2996-7		5
62	(E)-1-(4,4''-Difluoro-5'-methoxy-1,1':3',1''-terphenyl-4'-yl)-3-phenyl-prop-2-en-1-one. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2011 , 67, o3159-60		5
61	Novel Reagents for the Spectrophotometric Determination of Isoniazid. <i>ISRN Spectroscopy</i> , 2012 , 2012, 1-5		5
60	Molecular Structures, Vibrational Spectra, Electronic Properties, and Molecular Docking of Two Pyrazoline Derivatives Containing 1-Carboxamide and 1-Carbothioamide: A Comparative Study. <i>Polycyclic Aromatic Compounds</i> , 2017 , 37, 267-279	1.3	4
59	Three closely-related cyclohexanols (C ₃₅ H ₂₇ X ₂ N ₃ O ₃ ; X = F, Cl or Br): similar molecular structures but different crystal structures. <i>Acta Crystallographica Section C, Structural Chemistry</i> , 2014 , 70, 953-9	0.8	4
58	2-Methyl-imidazolium picrate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2010 , 67, o235		4
57	2-[3,5-Bis-(4-fluoro-phen-yl)-4,5-dihydro-1H-pyrazol-1-yl]-4,6-bis(4-fluoro-phen-yl)pyrimidine. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2012 , 68, o807-8		4

56	[2,6-Bis(biphenyl-4-yl)-4-hydroxy-4-(pyridin-2-yl)cyclo-hexane-1,3-di-yl]bis-[(pyridin-2-yl)methanone]-butan-2-one (1/1). <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2012 , 68, o1633-4	4	
55	A monoclinic polymorph of 1-(4-chloro-phen-yl)-3-(4-methoxy-phen-yl)prop-2-en-1-one. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2010 , 66, o269-70	4	
54	N-(4-Bromo-phen-yl)acetamide: a new polymorph. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2013 , 69, o461	3	
53	3,5-Bis(4-methoxy-phen-yl)-1-phenyl-4,5-dihydro-1H-pyrazole. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2011 , 67, o328-9	3	
52	(E)-1-(4,4''-Difluoro-5'-methoxy-1,1':3',1''-terphenyl-4'-yl)-3-(4-methoxy-phen-yl)prop-2-en-1-one. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2011 , 67, o3323-4	3	
51	tert-Butyl 1-(Furan-2-yl)-4-oxo-2,3,7-triazaspiro[4.5]dec-1-ene-7-carboxylate. <i>MolBank</i> , 2012 , 2012, M7570.5	3	
50	(2E)-3-[4-(1H-Benzimidazol-2-ylmethoxy)-3-methoxyphenyl]-1-(4,4''-difluoro-5'-methoxy-1,1':3',1''-terphenyl-4'-yl)prop-2-ene. <i>MolBank</i> , 2012 , 2012, M764	3	0.5
49	(1E,4E)-1-(3-Nitro-phen-yl)-5-phenyl-penta-1,4-dien-3-one. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2012 , 68, o74-5	3	
48	(2E)-3-(4-Cyano-phen-yl)-1-(4,4''-difluoro-5'-methoxy-1,1':3',1''-terphenyl-4'-yl)prop-2-en-1-one. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2012 , 68, o1877-8	3	
47	3,5-Bis(4-fluoro-phen-yl)-1-(4-nitro-phen-yl)-4,5-dihydro-1H-pyrazole. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2012 , 68, o3216-7	3	
46	(E)-1-(4,4''-Difluoro-5'-methoxy-1,1':3',1''-terphenyl-4'-yl)-3-(4-nitro-phen-yl)prop-2-en-1-one. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2011 , 67, o3179-80	3	
45	4-(1H-Benzimidazol-2-ylmethoxy)-3-ethoxy-benzaldehyde trihydrate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2010 , 66, o2052	2	
44	(2E)-3-(3-Bromo-4-methoxy-phen-yl)-1-(4,4''-difluoro-5'-methoxy-1,1':3',1''-terphenyl-4'-yl)prop-2-en-1-one. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2011 , 67, o3514	2	
43	3,5-Bis(4-methyl-phen-yl)-1-phenyl-4,5-dihydro-1H-pyrazole. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2011 , 67, o1019	2	
42	N-(3,4-Dimethoxyphenyl)-4-oxo-2,3,7-triazaspiro[4.5]dec-1-ene-1-carboxamide Hydrochloride. <i>MolBank</i> , 2012 , 2012, M769	2	0.5
41	N'-[(E)-4-Hydroxy-benzylidene]-2-(naphthalen-2-yl-oxy)acetohydrazide. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2012 , 68, o2923-4	2	
40	(2E)-1-(4,4''-Difluoro-5'-methoxy-1,1':3',1''-terphenyl-4'-yl)-3-(2-fluoro-phen-yl)prop-2-en-1-one. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2012 , 68, o2024	2	
39	Ethyl 2-amino-4,6-bis-(4-fluoro-phen-yl)cyclo-hexa-1,3-diene-1-carboxylate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2012 , 68, o585	2	

38	(2E)-1-(4,4''-Difluoro-5'-meth-oxy-1,1':3',1''-terphenyl-4'-yl)-3-(2,6-difluoro-phen-yl)prop-2-en-1-one. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2012 , 68, o1560-1		2
37	(6Z)-3,5-Bis(4-fluoro-phen-yl)-6-(1-hy-droxy-ethyl-idene)cyclo-hex-2-en-1-one. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2012 , 68, o638-9		2
36	Ethyl ({5-[5'-(2-eth-oxy-2-oxoeth-oxy)-4,4''-difluoro-1,1':3',1''-terphenyl-4'-yl]-1,3,4-oxadiazol-2-yl}sulfan-yl)acetate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2012 , 68, o674-5		2
35	1-[3-(4-Chloro-phen-yl)-5-(4-meth-oxy-phen-yl)-4,5-dihydro-1H-pyrazol-1-yl]butan-1-one. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2012 , 68, o975		2
34	3,5-Bis(4-fluoro-phen-yl)isoxazole. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2012 , 68, o1783		2
33	Spectroscopic and Theoretical Studies of Potential Anti-Inflammatory Polycyclic Aromatic Fluorophenyl Substituted Acyclic and Heterocyclic Analogues Synthesized from 4,4'-Difluorophenylchalcone. <i>Polycyclic Aromatic Compounds</i> , 2019 , 1-13	1.3	2
32	New spectrophotometric methods for the determination of sulfadoxine by the formation of Co(II) complexes. <i>Journal of Saudi Chemical Society</i> , 2016 , 20, S536-S540	4.3	1
31	Hydrogen-bonded chains in 3,5-bis(4-fluorophenyl)-1-phenyl-1H-pyrazole and complex hydrogen-bonded sheets in (5RS,6SR)-6-(4-fluorobenzoyl)-5-(4-fluorophenyl)-2-(4-hydroxyphenyl)-5,6-dihydro-4H-1,3,4-oxadiazine N,N-dimethylformamide monosolvate. <i>Acta Crystallographica Section C: Structural Chemistry</i> , 2014 , 40, o1207-12	0.8	1
30	Synthesis and Crystal Structures of Four New Dihydropyridine Derivatives. <i>Journal of Chemical Crystallography</i> , 2013 , 43, 429-442	0.5	1
29	Crystal structure of (2E)-3-(biphenyl-4-yl)-1-(4,4-difluoro-5-methoxy-1,1'-terphenyl-4-yl)prop-2-en-1-one, C ₃₄ H ₂₄ F ₂ O ₂ . <i>Zeitschrift Fur Kristallographie - New Crystal Structures</i> , 2013 , 228, 147-149	0.2	1
28	4-(1H-Benzimidazol-2-ylmeth-oxy)-3-meth-oxy-benzaldehyde tetra-hydrate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2011 , 67, o2021-2		1
27	(2E)-3-[4-[(1H-1,3-Benzimidazol-2-yl)meth-oxy]-3-eth-oxy-phen-yl]-1-(4-bromo-phen-yl)prop-2-en-1-one monohydrate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2011 , 67, o834-5		1
26	(2E)-3-[4-(1H-Benzimidazol-2-ylmeth-oxy)phen-yl]-1-(4-meth-oxy-phen-yl)prop-2-en-1-one. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2011 , 67, o1088-9		1
25	3,5-Bis(4-meth-oxy-phen-yl)-4,5-dihydro-isoxazole. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2011 , 67, o1975-6		1
24	Ethyl 4,4''-difluoro-5'-meth-oxy-1,1':3',1''-terphenyl-4'-carboxyl-ate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2012 , 68, o172		1
23	(2E)-3-(2-Bromo-phen-yl)-1-(4,4''-difluoro-5'-meth-oxy-1,1':3',1''-terphenyl-4'-yl)prop-2-en-1-one. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2012 , 68, o1314-5		1
22	(E)-3-(2-Chloro-phen-yl)-1-(4,4''-difluoro-5'-meth-oxy-1,1':3',1''-terphenyl-4'-yl)prop-2-en-1-one. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2012 , 68, o1538-9		1
21	2-[3,5-Bis(4-meth-oxy-phen-yl)-4,5-di-hydro-1H-pyrazol-1-yl]-4,6-bis-(4-meth-oxy-phen-yl)pyrimidine. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2012 , 68, o2398		1

20	N-(1,3-Dioxo-2,3-dihydro-1H-isoindol-2-yl)-4,4''-difluoro-5'-hydroxy-1,1':3',1''-terphenyl-4'-carboxamide. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2012 , 68, o2619-20		1
19	(2E)-3-(4-Bromo-phen-yl)-1-(4,4''-difluoro-5'-methoxy-1,1':3',1''-terphenyl-4'-yl)prop-2-en-1-one. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2012 , 68, o3433-4		1
18	4-(2-Chloro-ethyl)morpholinium picrate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2009 , 65, o2435		1
17	(E)-3-(4-Chloro-phen-yl)-1-(1-naphth-yl)prop-2-en-1-one. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2009 , 65, o3255-6		1
16	2,5-Bis(4-chlorobenzylidene)cyclopentanone. <i>IUCrData</i> , 2016 , 1,	0.7	1
15	Preparation, characterization and study on the nonlinear optical parameters of novel biphenyl-4-carbohydrazide derivative. <i>Materials Today: Proceedings</i> , 2021 , 35, 478-482	1.4	1
14	Crystal structure of 3-(4-methyl-phen-yl)-1-phenyl-5-[(E)-2-phenyl-ethen-yl]-1H-pyrazole. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2015 , 71, o1020	0.7	
13	2-[[5-(Diphenylmethyl)-1,3,4-oxadiazol-2-yl]sulfonyl]-N-(pyrazin-2-yl)acetamide. <i>MolBank</i> , 2013 , 2013, M800	0.5	
12	2'-[(4-Fluorophenyl)carbonyl]-1'-phenyl-1',2',5',6',7',7a'-hexahydrospiro[indole-3,3'-pyrrolizin]-2(1H)-one. <i>MolBank</i> , 2013 , 2013, M802	0.5	
11	Redetermination of the structure of 3-methyl-1,5-diphenyl-4,5-dihydro-1H-pyrazole, C ₁₆ H ₁₆ N ₂ . <i>Zeitschrift Fur Kristallographie - New Crystal Structures</i> , 2013 , 228, 207-208	0.2	
10	4-[5-(3,5-Difluorophenyl)furan-2-yl]-2,3,7-triazaspiro[4.5]dec-3-en-1-one Hydrochloride. <i>MolBank</i> , 2012 , 2012, M773	0.5	
9	3-(4-Fluorophenyl)-N-[4-(4-furan-2-yl-1-oxo-2,3,7-triazaspiro[4.5]dec-3-en-2-yl)phenyl]propionamide Hydrochloride. <i>MolBank</i> , 2012 , 2012, M771	0.5	
8	4-Methoxy-4-methyl-6-phenyl-1,3-diazinane-2-thione. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2012 , 68, o3271		
7	(2E)-2-[(3E)-4-Phenyl-but-3-en-2-ylidene]hydrazinocarboxamide. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2012 , 68, o76-7		
6	1-[3-(4-Chloro-phen-yl)-5-(4-methoxy-phen-yl)-4,5-dihydro-1H-pyrazol-1-yl]ethanone. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2012 , 68, o1023		
5	(2E)-1-(4,4''-Difluoro-5'-methoxy-1,1':3',1''-terphenyl-4'-yl)-3-[4-(methyl-sulfonyl)phen-yl]prop-2-en-1-one. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2012 , 68, o2378		
4	Crystal structure of 5-(4-methoxy-phen-yl)-3-(4-methyl-phen-yl)-4,5-dihydro-1H-pyrazole-1-carbaldehyde. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2015 , 71, o1093-4	0.7	
3	Crystal structure of 1-[3-(4-methyl-phen-yl)-5-[(E)-2-phenyl-ethen-yl]-4,5-dihydro-1H-pyrazol-1-yl]ethan-1-one. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2015 , 71, o1095-6	0.7	

- 2 Crystal structure of 5-[4-(di-methyl-amino)-phen-yl]-3-(4-methyl-phen-yl)-4,5-di-hydro-1H-pyrazole-1-carbaldehyde. *Acta Crystallographica Section E: Crystallographic Communications*, **2015**, 71, o1031-2 0.7
- 1 Crystal structure of (2E)-3-(4-benzyloxyphenyl)-1-(4,4-difluoro-5-methoxy-1,1-bis(4-phenyl-4-yl)prop-2-en-1-one, C₃₅H₂₆F₂O₃. *Zeitschrift Fur Kristallographie - New Crystal Structures*, **2013**, 228, 144-146 0.2