

Seranthimata Samshuddin

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/325639/seranthimata-samshuddin-publications-by-year.pdf>

Version: 2024-04-25

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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

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	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
90	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
89	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
88	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
87	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
86	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
85	2,5-Bis(4-chlorobenzylidene)cyclopentanone. <i>IUCrData</i> , 2016 , 1,	0.7	1
84	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	
83	Crystal structure of 5-(4-meth-oxy-phen-yl)-3-(4-methyl-phen-yl)-4,5-di-hydro-1H-pyrazole-1-carbaldehyde. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2015 , 71, o1093-4	0.7	
82	Crystal structure of 1-{3-(4-methyl-phen-yl)-5-[(E)-2-phenyl-ethen-yl]-4,5-di-hydro-1H-pyrazol-1-yl}ethan-1-one. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2015 , 71, o1095-6	0.7	
81	Crystal structure of 5-[4-(di-methyl-amino)-phen-yl]-3-(4-methyl-phen-yl)-4,5-di-hydro-1H-pyrazole-1-carbaldehyde. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2015 , 71, o1031-2	0.7	
80	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
79	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. <i>Journal of Molecular Structure</i> , 2014 , 1120, 1-10	0.8	1
78	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
77	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
76	Synthesis and Crystal Structures of Four New Dihydropyridine Derivatives. <i>Journal of Chemical Crystallography</i> , 2013 , 43, 429-442	0.5	1
75	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

74	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
73	2-[[5-(Diphenylmethyl)-1,3,4-oxadiazol-2-yl]sulfanyl]-N-(pyrazin-2-yl)acetamide. <i>MolBank</i> , 2013 , 2013, M800	0.5	
72	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	
71	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	
70	Crystal structure of (2E)-3-(biphenyl-4-yl)-1-(4,4'-difluoro-5'-methoxy-1,1'-biphenyl-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
69	N-(4-Bromo-phen-yl)acetamide: a new polymorph. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2013 , 69, o461		3
68	Crystal structure of (2E)-3-(4-benzyloxyphenyl)-1-(4,4'-difluoro-5'-methoxy-1,1'-biphenyl-4-yl)prop-2-en-1-one, C ₃₅ H ₂₆ F ₂ O ₃ . <i>Zeitschrift Fur Kristallographie - New Crystal Structures</i> , 2013 , 228, 144-146	0.2	
67	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
66	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
65	N-(3,4-Dimethoxyphenyl)-4-oxo-2,3,7-triazaspiro[4.5]dec-1-ene-1-carboxamide Hydrochloride. <i>MolBank</i> , 2012 , 2012, M769	0.5	2
64	tert-Butyl 1-(Furan-2-yl)-4-oxo-2,3,7-triazaspiro[4.5]dec-1-ene-7-carboxylate. <i>MolBank</i> , 2012 , 2012, M757	0.5	3
63	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	
62	N'-[(E)-4-Hydroxy-benzyl-idene]-2-(naphthalen-2-yl-oxy)acetohydrazide. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2012 , 68, o2923-4		2
61	(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
60	(2E)-3-[4-(1H-Benzimidazol-2-ylmethoxy)-3-methoxyphenyl]-1-(4,4''-difluoro-5'-methoxy-1,1':3',1''-terphenyl-4'-yl)prop-2-en-1-one. <i>MolBank</i> , 2012 , 2012, M764	0.5	3
59	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	
58	Synthesis, characterization, and biological evaluation of some new functionalized terphenyl derivatives. <i>International Journal of Medicinal Chemistry</i> , 2012 , 2012, 530392	1.7	9
57	Ethyl 2-amino-4,6-bis-(4-fluoro-phen-yl)cyclo-hexa-1,3-diene-1-carboxyl-ate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2012 , 68, o585		2

- 56 2-[3,5-Bis-(4-fluoro-phen-yl)-4,5-dihydro-1H-pyrazol-1-yl]-4,6-bis(4-fluoro-phenyl)pyrimidine. *Acta Crystallographica Section E: Structure Reports Online*, **2012**, 68, o807-8 4
- 55 (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. *Acta Crystallographica Section E: Structure Reports Online*, **2012**, 68, o1560-1 2
- 54 4-Meth-oxy-4-methyl-6-phenyl-1,3-diazinane-2-thione. *Acta Crystallographica Section E: Structure Reports Online*, **2012**, 68, o3271
- 53 (1E,4E)-1-(3-Nitro-phen-yl)-5-phenyl-penta-1,4-dien-3-one. *Acta Crystallographica Section E: Structure Reports Online*, **2012**, 68, o74-5 3
- 52 (2E)-2-[(3E)-4-Phenyl-but-3-en-2-yl-idene]hydrazinecarboxamide. *Acta Crystallographica Section E: Structure Reports Online*, **2012**, 68, o76-7
- 51 1-(4,4''-Difluoro-5'-meth-oxy-1,1':3',1''-terphenyl-4'-yl)ethanone. *Acta Crystallographica Section E: Structure Reports Online*, **2012**, 68, o163 14
- 50 Ethyl 4,4''-difluoro-5'-meth-oxy-1,1':3',1''-terphenyl-4'-carboxyl-ate. *Acta Crystallographica Section E: Structure Reports Online*, **2012**, 68, o172 1
- 49 (6Z)-3,5-Bis(4-fluoro-phen-yl)-6-(1-hy-droxy-ethyl-idene)cyclo-hex-2-en-1-one. *Acta Crystallographica Section E: Structure Reports Online*, **2012**, 68, o638-9 2
- 48 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. *Acta Crystallographica Section E: Structure Reports Online*, **2012**, 68, o674-5 2
- 47 1-[3-(4-Chloro-phen-yl)-5-(4-meth-oxy-phen-yl)-4,5-dihydro-1H-pyrazol-1-yl]butan-1-one. *Acta Crystallographica Section E: Structure Reports Online*, **2012**, 68, o975 2
- 46 1-[3-(4-Chloro-phen-yl)-5-(4-meth-oxy-phen-yl)-4,5-dihydro-1H-pyrazol-1-yl]ethanone. *Acta Crystallographica Section E: Structure Reports Online*, **2012**, 68, o1023
- 45 (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. *Acta Crystallographica Section E: Structure Reports Online*, **2012**, 68, o1314-5 1
- 44 (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. *Acta Crystallographica Section E: Structure Reports Online*, **2012**, 68, o1538-9 1
- 43 [2,6-Bis(biphenyl-4-yl)-4-hy-droxy-4-(pyridin-2-yl)cyclo-hexane-1,3-di-yl]bis-[(pyridin-2-yl)methanone]-butan-2-one (1/1). *Acta Crystallographica Section E: Structure Reports Online*, **2012**, 68, o1633-4 4
- 42 3,5-Bis(4-fluoro-phen-yl)isoxazole. *Acta Crystallographica Section E: Structure Reports Online*, **2012**, 68, o1783 2
- 41 (2E)-3-(4-Cyano-phen-yl)-1-(4,4''-difluoro-5'-meth-oxy-1,1':3',1''-terphenyl-4'-yl)prop-2-en-1-one. *Acta Crystallographica Section E: Structure Reports Online*, **2012**, 68, o1877-8 3
- 40 (2E)-1-(4,4''-Difluoro-5'-meth-oxy-1,1':3',1''-terphenyl-4'-yl)-3-[4-(methyl-sulfan-yl)phen-yl]prop-2-en-1-one. *Acta Crystallographica Section E: Structure Reports Online*, **2012**, 68, o2378
- 39 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. *Acta Crystallographica Section E: Structure Reports Online*, **2012**, 68, o2398 1

38	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
37	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
36	(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
35	Novel Reagents for the Spectrophotometric Determination of Isoniazid. <i>ISRN Spectroscopy</i> , 2012 , 2012, 1-5		5
34	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
33	4-(1H-Benzimidazol-2-ylmethoxy)-3-methoxy-benzaldehyde tetra-hydrate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2011 , 67, o2021-2		1
32	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
31	(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
30	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
29	(2E)-3-{4-[(1H-1,3-Benzimidazol-2-yl)methoxy]-3-ethoxy-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
28	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
27	(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
26	(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
25	Ethyl 4,4''-Difluoro-5'-hydroxy-1,1':3',1''-terphenyl-4'-carboxylate. <i>MolBank</i> , 2011 , 2011, M745	0.5	12
24	1-Methyl-piperazine-1,4-dium dipicrate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2011 , 67, o390-1		5
23	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
22	(2E)-3-[4-(1H-Benzimidazol-2-ylmethoxy)phen-yl]-1-(4-methoxy-phen-yl)prop-2-en-1-one. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2011 , 67, o1088-9		1
21	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

20	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
19	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
18	(2E)-1-(4,4''-Difluoro-5'-meth-oxy-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
17	(E)-1-(4,4''-Difluoro-5'-meth-oxy-1,1':3',1''-terphenyl-4'-yl)-3-(6-meth-oxy-naphthalen-2-yl)prop-2-en-1-one. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2011 , 67, o3327-8	7
16	(E)-1-(4,4''-Difluoro-5'-meth-oxy-1,1':3',1''-terphenyl-4'-yl)-3-(4-meth-oxy-phen-yl)prop-2-en-1-one. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2011 , 67, o3323-4	3
15	5-(4,4''-Difluoro-5'-hy-droxy-1,1':3',1''-terphenyl-4'-yl)-3-(morpholin-4-ylmeth-yl)-1,3,4-oxadiazole-2(3H)-thione. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2011 , 67, o3372	10
14	Methyl 4,4''-difluoro-5'-meth-oxy-1,1':3',1''-terphenyl-4'-carboxyl-ate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2011 , 67, o3390	6
13	(E)-1-(4,4''-Difluoro-5'-meth-oxy-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
12	(E)-1-(4,4''-Difluoro-5'-meth-oxy-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
11	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
10	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
9	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
8	4-(1H-Benzimidazol-2-ylmeth-oxy)-3-eth-oxy-benzaldehyde trihydrate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2010 , 66, o2052	2
7	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
6	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
5	2-Methyl-imidazolium picrate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2010 , 67, o235	4
4	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
3	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

2	4-(2-Chloro-ethyl)morpholinium picrate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2009 , 65, o2435	1
1	(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