

# Seranthimata Samshuddin

## List of Publications by Year in descending order

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99  
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docs citations

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times ranked

473  
citing authors

#	ARTICLE	IF	CITATIONS
1	Investigation of third-order nonlinear and optical power limiting properties of terphenyl derivatives. Optics and Laser Technology, 2014, 56, 425-429.	2.2	66
2	Antimicrobial, analgesic, DPPH scavenging activities and molecular docking study of some 1,3,5-triaryl-2-pyrazolines. Medicinal Chemistry Research, 2012, 21, 2012-2022.	1.1	55
3	Theoretical Studies on the Structure and Various Physico-Chemical and Biological Properties of a Terphenyl Derivative with Immense Anti-Protozoan Activity. Polycyclic Aromatic Compounds, 2021, 41, 825-840.	1.4	44
4	A Review on 1,2,4-Triazole Derivatives as Corrosion Inhibitors. Journal of Bio- and Tribo-Corrosion, 2017, 3, 1.	1.2	42
5	1-[3,5-Bis(4-fluorophenyl)-4,5-dihydro-1H-pyrazol-1-yl]ethanone. Acta Crystallographica Section E: Structure Reports Online, 2010, 66, o582-o583.	0.2	38
6	Methyl 4,6-bis(4-fluorophenyl)-2-oxocyclohex-3-ene-1-carboxylate. Acta Crystallographica Section E: Structure Reports Online, 2010, 66, o864-o865.	0.2	34
7	3,5-Bis(4-fluorophenyl)-1-phenyl-4,5-dihydro-1H-pyrazole. Acta Crystallographica Section E: Structure Reports Online, 2010, 66, o1948-o1949.	0.2	29
8	3,5-Bis(4-fluorophenyl)-4,5-dihydro-1H-pyrazole-1-carbaldehyde. Acta Crystallographica Section E: Structure Reports Online, 2011, 67, o1292-o1293.	0.2	23
9	FT-IR, molecular structure, HOMO-LUMO, MEP, NBO analysis and first order hyperpolarizability of Methyl 4,4-difluoro-5-methoxy-1,1,3-terphenyl-4-carboxylate. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2014, 133, 480-488.	2.1	21
10	2,3-Dibromo-1,3-bis(4-fluorophenyl)propan-1-one. Acta Crystallographica Section E: Structure Reports Online, 2010, 66, o2018-o2018.	0.2	20
11	3,5-Bis(4-bromophenyl)-1-phenyl-4,5-dihydro-1H-pyrazole. Acta Crystallographica Section E: Structure Reports Online, 2010, 66, o1279-o1280.	0.2	19
12	2,4-Bis(4-fluorophenyl)-2,3-dihydro-1,5-benzodiazepine. Acta Crystallographica Section E: Structure Reports Online, 2011, 67, o1262-o1263.	0.2	19
13	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. Medicinal Chemistry Research, 2013, 22, 3002-3011.	1.1	18
14	1-(4,4-difluoro-5-methoxy-1,1,3-terphenyl-4-yl)ethanone. Acta Crystallographica Section E: Structure Reports Online, 2012, 68, o163-o163.	0.2	14
15	Ethyl 4,4'-Difluoro-5'-hydroxy-1,1':3',1''-terphenyl-4'-carboxylate. MolBank, 2011, 2011, M745.	0.2	13
16	Synthesis, Characterization, and Biological Evaluation of Some New Functionalized Terphenyl Derivatives. International Journal of Medicinal Chemistry, 2012, 2012, 1-13.	2.2	13
17	1,3-Bis(4-fluorophenyl)-N,N'-bis-(propane-1,3-diylidene)dihydroxylamine. Acta Crystallographica Section E: Structure Reports Online, 2011, 67, o1954-o1955.	0.2	12
18	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. Crystals, 2012, 2, 1108-1115.	1.0	11

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19	5-(4,4-difluoro-5-hydroxy-1,3-phenyl)-3-(morpholin-4-ylmethyl)-1,3,4-oxadiazole-2(3H)-thione. Acta Crystallographica Section E: Structure Reports Online, 2011, 67, o3372-o3372.	0.2	10
20	Synthesis and Crystal Structures of Two New Schiff Base Hydrazones Derived from Biphenyl-4-Carbohydrazide. Journal of Chemical Crystallography, 2011, 41, 1442-1446.	0.5	9
21	1-[3,5-Bis(4-chlorophenyl)-4,5-dihydro-1H-pyrazol-1-yl]ethanone. Acta Crystallographica Section E: Structure Reports Online, 2010, 66, o1950-o1951.	0.2	8
22	(2E)-3-(3-Bromo-4-methoxyphenyl)-1-(pyridin-2-yl)prop-2-en-1-one. Acta Crystallographica Section E: Structure Reports Online, 2011, 67, o352-o353.	0.2	7
23	4,6-Bis(4-fluorophenyl)-2-phenyl-1H-indazol-3(2H)-one. Acta Crystallographica Section E: Structure Reports Online, 2011, 67, o1346-o1347.	0.2	7
24	(E)-1-(4,4-difluoro-5-methoxy-1,3-phenyl)-3-(6-methoxynaphthalen-2-yl)prop-2-en-1-one. Acta Crystallographica Section E: Structure Reports Online, 2011, 67, o3327-o3328.	0.2	7
25	Pseudosymmetry, polymorphism and weak interactions: 4,4-difluoro-5-hydroxy-1,3-phenyl-4-carboxylic acid and its derivatives. CrystEngComm, 2013, 15, 9893.	0.2	7
26	Molecular Structures, Vibrational Spectra, Electronic Properties, and Molecular Docking of Two Pyrazoline Derivatives Containing 1-Carboxamide and 1-Carbothioamide: A Comparative Study. Polycyclic Aromatic Compounds, 2017, 37, 267-279.	1.4	7
27	Novel Reagents for the Spectrophotometric Determination of Isoniazid. ISRN Spectroscopy, 2012, 2012, 1-5.	0.9	7
28	(E)-1-(4,4-difluoro-5-methoxy-1,3-phenyl)-3-(4-methylphenyl)prop-2-en-1-one. Acta Crystallographica Section E: Structure Reports Online, 2011, 67, o3181-o3182.	0.2	6
29	Methyl 4,4-difluoro-5-methoxy-1,3-phenyl-4-carboxylate. Acta Crystallographica Section E: Structure Reports Online, 2011, 67, o3390-o3390.	0.2	6
30	1-Methylpiperazine-1,4-dium dipicrate. Acta Crystallographica Section E: Structure Reports Online, 2011, 67, o390-o391.	0.2	5
31	(2E)-1-(4,4-difluoro-5-methoxy-1,3-phenyl)-3-(4-fluorophenyl)prop-2-en-1-one. Acta Crystallographica Section E: Structure Reports Online, 2011, 67, o2996-o2997.	0.2	5
32	2-[3,5-Bis(4-fluorophenyl)-4,5-dihydro-1H-pyrazol-1-yl]-4,6-bis(4-fluorophenyl)pyrimidine. Acta Crystallographica Section E: Structure Reports Online, 2012, 68, o807-o808.	0.2	5
33	[2,6-Bis(biphenyl-4-yl)-4-hydroxy-4-(pyridin-2-yl)cyclohexane-1,3-diyl]bis[(pyridin-2-yl)methanone]butan-2-one (1/1). Acta Crystallographica Section E: Structure Reports Online, 2012, 68, o1633-o1634.	0.2	5
34	(E)-1-(4,4-difluoro-5-methoxy-1,3-phenyl)-3-phenylprop-2-en-1-one. Acta Crystallographica Section E: Structure Reports Online, 2011, 67, o3159-o3160.	0.2	5
35	2-Methylimidazolium picrate. Acta Crystallographica Section E: Structure Reports Online, 2011, 67, o235-o235.	0.2	4
36	(1E,4E)-1-(3-Nitrophenyl)-5-phenylpenta-1,4-dien-3-one. Acta Crystallographica Section E: Structure Reports Online, 2012, 68, o74-o75.	0.2	4

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37	Three closely-related cyclohexanols (C <sub>35</sub> H <sub>27</sub> X <sub>2</sub> N <sub>3</sub> O <sub>3</sub> ; X= F, Cl or Br): similar molecular structures but different crystal structures. <i>Acta Crystallographica Section C, Structural Chemistry</i> , 2014, 70, 953-959.	0.2	4
38	A monoclinic polymorph of 1-(4-chlorophenyl)-3-(4-methoxyphenyl)prop-2-en-1-one. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2010, 66, o269-o270.	0.2	4
39	3,5-Bis(4-methoxyphenyl)-1-phenyl-4,5-dihydro-1H-pyrazole. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2011, 67, o328-o329.	0.2	3
40	(E)-1-(4,4-difluoro-5-methoxy-1,3-terphenyl-4-yl)-3-(4-methoxyphenyl)prop-2-en-1-one, <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2011, 67, o3323-o3324.	0.2	3
41	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.	0.2	3
42	(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.	0.2	3
43	(2E)-3-(4-Cyanophenyl)-1-(4,4-difluoro-5-methoxy-1,3-terphenyl-4-yl)prop-2-en-1-one, <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2012, 68, o1877-o1878.	0.2	3
44	3,5-Bis(4-fluorophenyl)-1-(4-nitrophenyl)-4,5-dihydro-1H-pyrazole. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2012, 68, o3216-o3217.	0.2	3
45	N-(4-Bromophenyl)acetamide: a new polymorph. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2013, 69, o461-o461.	0.2	3
46	(E)-1-(4,4-difluoro-5-methoxy-1,3-terphenyl-4-yl)-3-(4-nitrophenyl)prop-2-en-1-one. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2011, 67, o3179-o3180.	0.2	3
47	4-(2-Chloroethyl)morpholinium picrate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2009, 65, o2435-o2435.	0.2	2
48	4-(1H-Benzimidazol-2-ylmethoxy)-3-ethoxybenzaldehyde trihydrate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2010, 66, o2052-o2052.	0.2	2
49	(2E)-3-(3-Bromo-4-methoxyphenyl)-1-(4,4-difluoro-5-methoxy-1,3-terphenyl-4-yl)prop-2-en-1-one. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2011, 67, o3514-o3514.	0.2	2
50	3,5-Bis(4-methylphenyl)-1-phenyl-4,5-dihydro-1H-pyrazole. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2011, 67, o1019-o1019.	0.2	2
51	N-(3,4-Dimethoxyphenyl)-4-oxo-2,3,7-triazaspiro[4.5]dec-1-ene-1-carboxamide Hydrochloride. <i>MolBank</i> , 2012, 2012, M769.	0.2	2
52	N-(4-Hydroxybenzylidene)-2-(naphthalen-2-yloxy)acetohydrazide. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2012, 68, o2923-o2924.	0.2	2
53	(2E)-1-(4,4-difluoro-5-methoxy-1,3-terphenyl-4-yl)-3-(2-fluorophenyl)prop-2-en-1-one. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2012, 68, o2024-o2024.	0.2	2
54	Ethyl 2-amino-4,6-bis(4-fluorophenyl)cyclohexa-1,3-diene-1-carboxylate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2012, 68, o585-o585.	0.2	2

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55	(2E)-1-(4,4-difluoro-5-methoxy-1,3-terphenyl-4-yl)-3-(2,6-difluorophenyl)prop-2-en-1-one. Acta Crystallographica Section E: Structure Reports Online, 2012, 68, o1560-o1561.	0.2	2
56	(6Z)-3,5-Bis(4-fluorophenyl)-6-(1-hydroxyethylidene)cyclohex-2-en-1-one. Acta Crystallographica Section E: Structure Reports Online, 2012, 68, o638-o639.	0.2	2
57	Ethyl ({5-[5-(2-ethoxy-2-oxoethoxy)-4,4-difluoro-1,3-terphenyl-4-yl]-1,3,4-oxadiazol-2-yl}sulfanyl)acetate. Acta Crystallographica Section E: Structure Reports Online, 2012, 68, o674-o675.	0.2	2
58	1-[3-(4-Chlorophenyl)-5-(4-methoxyphenyl)-4,5-dihydro-1H-pyrazol-1-yl]butan-1-one. Acta Crystallographica Section E: Structure Reports Online, 2012, 68, o975-o975.	0.2	2
59	3,5-Bis(4-fluorophenyl)isoxazole. Acta Crystallographica Section E: Structure Reports Online, 2012, 68, o1783-o1783.	0.2	2
60	Synthesis and Crystal Structures of Four New Dihydropyridine Derivatives. Journal of Chemical Crystallography, 2013, 43, 429-442.	0.5	2
61	New spectrophotometric methods for the determination of sulfadoxine by the formation of Co(II) complexes. Journal of Saudi Chemical Society, 2016, 20, S536-S540.	2.4	2
62	Spectroscopic and Theoretical Studies of Potential Anti-Inflammatory Polycyclic Aromatic Fluorophenyl Substituted Acyclic and Heterocyclic Analogues Synthesized from 4,4-difluorophenylchalcone. Polycyclic Aromatic Compounds, 2019, , 1-13.	1.4	2
63	Preparation, characterization and study on the nonlinear optical parameters of novel biphenyl-4-carbohydrazide derivative. Materials Today: Proceedings, 2021, 35, 478-482.	0.9	2
64	(E)-3-(4-Chlorophenyl)-1-(1-naphthyl)prop-2-en-1-one. Acta Crystallographica Section E: Structure Reports Online, 2009, 65, o3255-o3256.	0.2	1
65	4-(1H-Benzimidazol-2-ylmethoxy)-3-methoxybenzaldehyde tetrahydrate. Acta Crystallographica Section E: Structure Reports Online, 2011, 67, o2021-o2022.	0.2	1
66	(2E)-3-{4-[(1H-1,3-Benzimidazol-2-yl)methoxy]-3-ethoxyphenyl}-1-(4-bromophenyl)prop-2-en-1-one monohydrate. Acta Crystallographica Section E: Structure Reports Online, 2011, 67, o834-o835.	0.2	1
67	(2E)-3-[4-(1H-Benzimidazol-2-ylmethoxy)phenyl]-1-(4-methoxyphenyl)prop-2-en-1-one. Acta Crystallographica Section E: Structure Reports Online, 2011, 67, o1088-o1089.	0.2	1
68	3,5-Bis(4-methoxyphenyl)-4,5-dihydroisoxazole. Acta Crystallographica Section E: Structure Reports Online, 2011, 67, o1975-o1976.	0.2	1
69	Ethyl 4,4-difluoro-5-methoxy-1,3-terphenyl-4-carboxylate. Acta Crystallographica Section E: Structure Reports Online, 2012, 68, o172-o172.	0.2	1
70	(2E)-3-(2-Bromophenyl)-1-(4,4-difluoro-5-methoxy-1,3-terphenyl-4-yl)prop-2-en-1-one. Acta Crystallographica Section E: Structure Reports Online, 2012, 68, o1314-o1315.	0.2	1
71	(E)-3-(2-Chlorophenyl)-1-(4,4-difluoro-5-methoxy-1,3-terphenyl-4-yl)prop-2-en-1-one. Acta Crystallographica Section E: Structure Reports Online, 2012, 68, o1538-o1539.	0.2	1
72	2-[3,5-Bis(4-methoxyphenyl)-4,5-dihydro-1H-pyrazol-1-yl]-4,6-bis(4-methoxyphenyl)pyrimidine. Acta Crystallographica Section E: Structure Reports Online, 2012, 68, o2398-o2398.	0.2	1

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73	N-(1,3-Dioxo-2,3-dihydro-1H-isoindol-2-yl)-4,4â€²â€²-difluoro-5â€²-hydroxy-1,1â€²:3â€²,1â€²â€²-terphenyl-4â€²-carboxamide. Acta Crystallographica Section E: Structure Reports Online, 2012, 68, o2619-o2620.	0.2	1
74	(2E)-3-(4-Bromophenyl)-1-(4,4â€²â€²-difluoro-5â€²-methoxy-1,1â€²:3â€²,1â€²â€²-terphenyl-4â€²-yl)prop-2-en-1-one. Acta Crystallographica Section E: Structure Reports Online, 2012, 68, o3433-o3434.	0.2	1
75	Crystal structure of (2E)-3-(biphenyl-4-yl)-1-(4,4â€™â€™-difluoro-5â€™-methoxy-) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 667 Td (methoxy-1, Crystal Structures, 2013, 228, 147-149.	0.1	1
76	Hydrogen-bonded chains in 3,5-bis(4-fluorophenyl)-1-phenyl-1<i>H</i>-pyrazole and complex hydrogen-bonded sheets in (5<i>RS</i>,6<i>SR</i>)-6-(4-fluorobenzoyl)-5-(4-fluorophenyl)-2-(4-hydroxyphenyl)-5,6-dihydro-4<i>H</i>-1,3,4-oxadiazine<i>N</i>,<i>N</i>-monosolvate. Acta Crystallographica Section C, Structural Chemistry, 2014, 70, 867-871.	0.2	1
77	Crystal structure of 1-{3-(4-methylphenyl)-5-[(<i>E</i>)-2-phenylethenyl]-4,5-dihydro-1<i>H</i>-pyrazol-1-yl}ethan-1-one. Acta Crystallographica Section E: Crystallographic Communications, 2015, 71, o1095-o1096.	0.2	1
78	2,5-Bis(4-chlorobenzylidene)cyclopentanone. IUCrData, 2016, 1, .	0.1	1
79	Diethyl 4-(4-chloro-2-propyl-1<i>H</i>-imidazol-5-yl)-2,6-dimethyl-1,4-dihydropyridine-3,5-dicarboxylate monohydrate. IUCrData, 2018, 3, .	0.1	1
80	4-[5-(3,5-Difluorophenyl)furan-2-yl]-2,3,7-triazaspiro[4.5]dec-3-en-1-one Hydrochloride. MolBank, 2012, 2012, M773.	0.2	0
81	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. MolBank, 2012, 2012, M771.	0.2	0
82	4-Methoxy-4-methyl-6-phenyl-1,3-diazinane-2-thione. Acta Crystallographica Section E: Structure Reports Online, 2012, 68, o3271-o3271.	0.2	0
83	(2E)-2-[(3E)-4-Phenylbut-3-en-2-ylidene]hydrazinecarboxamide. Acta Crystallographica Section E: Structure Reports Online, 2012, 68, o76-o77.	0.2	0
84	1-[3-(4-Chlorophenyl)-5-(4-methoxyphenyl)-4,5-dihydro-1H-pyrazol-1-yl]ethanone. Acta Crystallographica Section E: Structure Reports Online, 2012, 68, o1023-o1023.	0.2	0
85	(2E)-1-(4,4â€²â€²-Difluoro-5â€²-methoxy-1,1â€²:3â€²,1â€²â€²-terphenyl-4â€²-yl)-3-[4-(methylsulfanyl)phenyl]prop-2-en-1-one. Acta Crystallographica Section E: Structure Reports Online, 2012, 68, o2378-o2378.	0.2	0
86	2-{[5-(Diphenylmethyl)-1,3,4-oxadiazol-2-yl]sulfanyl}-N-(pyrazin-2-yl)acetamide. MolBank, 2013, 2013, M800.	0.2	0
87	2'-[(4-Fluorophenyl)carbonyl]-1'-phenyl-1',2',5',6',7',7a'-hexahydrospiro[indole-3,3'-pyrrolizin]-2(1H)-one. MolBank, 2013, 2013, M802.	0.2	0
88	Redetermination of the structure of 3-methyl-1,5-diphenyl-4,5-dihydro- 1H-pyrazole, C16H16N2. Zeitschrift Fur Kristallographie - New Crystal Structures, 2013, 228, 207-208.	0.1	0
89	Crystal structure of 3-(4-methylphenyl)-1-phenyl-5-[(E)-2-phenylethenyl]-1H-pyrazole. Acta Crystallographica Section E: Crystallographic Communications, 2015, 71, o1020-o1020.	0.2	0
90	Crystal structure of (2E)-3-(4-benzoyloxyphenyl)-1-(4,4â€™â€™-difluoro-5â€™-)- Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 67 Td (methoxy-1, Crystal Structures, 2013, 228, 144-146.	0.1	0

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91	Crystal structure of 5-(4-methoxyphenyl)-3-(4-methylphenyl)-4,5-dihydro-1H-pyrazole-1-carbaldehyde. Acta Crystallographica Section E: Crystallographic Communications, 2015, 71, o1093-o1094.	0.2	0
92	Crystal structure of 5-[4-(dimethylamino)phenyl]-3-(4-methylphenyl)-4,5-dihydro-1H-pyrazole-1-carbaldehyde. Acta Crystallographica Section E: Crystallographic Communications, 2015, 71, o1031-o1032.	0.2	0
93	1-[5-(2-Chlorophenyl)-3-(4-methylphenyl)-4,5-dihydro-1H-pyrazol-1-yl]ethan-1-one. IUCrData, 2016, 1, .	0.1	0
94	1-[(7E)-7-(2-Chlorobenzylidene)-3-(2-chlorophenyl)-3,3a,4,5,6,7-hexahydro-2H-indazol-2-yl]ethanone. IUCrData, 2016, 1, .	0.1	0
95	4-Benzyloxy-1,1'-biphenyl. IUCrData, 2016, 1, .	0.1	0
96	(E)-N'-[4-(Dimethylamino)benzylidene]propionohydrazide monohydrate. IUCrData, 2016, 1, .	0.1	0
97	N'-[(E)-4-Methoxybenzylidene]-2-(4-methylphenoxy)acetohydrazide. IUCrData, 2016, 1, .	0.1	0
98	2-(4-Hydroxyphenyl)-4,6-dimethyl-2,3-dihydropyrimidin-1-ium acetate. IUCrData, 2018, 3, .	0.1	0