

# Tze Shyang Chia

## List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/4206930/tze-shyang-chia-publications-by-year.pdf>

Version: 2024-04-10

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.

84  
papers

472  
citations

10  
h-index

19  
g-index

84  
ext. papers

538  
ext. citations

2.3  
avg, IF

3.79  
L-index

#	Paper	IF	Citations
84	Crystal Correlation Of Heterocyclic Imidazo[1,2-a]pyridine Analogues and Their Anticholinesterase Potential Evaluation. <i>Scientific Reports</i> , <b>2019</b> , 9, 926	4.9	11
83	Crystal structure, spectroscopic analyses, linear and third-order nonlinear optical properties of anthracene-based chalcone derivative for visible laser protection. <i>Applied Physics B: Lasers and Optics</i> , <b>2019</b> , 125, 1	1.9	21
82	Third-order nonlinear optical properties of three chlorinated thienyl chalcones derivatives: synthesis, structural determination and Hirshfeld surface analysis. <i>Zeitschrift Fur Kristallographie - Crystalline Materials</i> , <b>2019</b> , 234, 685-696	1	2
81	Crystal structure of a second monoclinic polymorph of 3-meth-oxy-benzoic acid with [= 1. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , <b>2019</b> , 75, 8-11	0.7	1
80	Crystal structure and Hirshfeld surface analysis of a chalcone derivative: (O)-3-(4-fluoro-phen-yl)-1-(4-nitro-phen-yl)prop-2-en-1-one. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , <b>2019</b> , 75, 53-57	0.7	1
79	Conformational dimorphism of 2,2-[methyl-enebis(isoindoline-1,3-dione)]. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , <b>2019</b> , 75, 49-52	0.7	
78	Crystal structure of (O)-[(3,4-di-hydroxy-benzyl-idene)-4-hy-droxy-benzohydrazide]. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , <b>2019</b> , 75, 1280-1283	0.7	0
77	Temperature-induced phase transition of isonicotinamide-malonic acid (2/1) and supramolecular construct analysis of isonicotinamide structures. <i>Zeitschrift Fur Kristallographie - Crystalline Materials</i> , <b>2018</b> , 233, 539-554	1	
76	Synthesis and Crystal Structures of Ethyl 2-(4-Methoxyphenyl)-1H-benzo[d]imidazole-5-carboxylate Dihydrate and Its Building Block 4-Fluoro-3-nitrobenzoic Acid. <i>Journal of Chemical Crystallography</i> , <b>2018</b> , 48, 170-176	0.5	
75	Structural characterizations, Hirshfeld surface analyses, and third-order nonlinear optical properties of two novel chalcone derivatives. <i>Optical Materials</i> , <b>2018</b> , 75, 580-594	3.3	63
74	Tyrosinase inhibition potency of phthalimide derivatives: crystal structure, Hirshfeld surface analysis and molecular docking studies. <i>Zeitschrift Fur Kristallographie - Crystalline Materials</i> , <b>2018</b> , 233, 803-816	1	1
73	Third order nonlinear optical properties and crystal structures of (E)-1(3,4-dimethoxyphenyl)-3-(4-(trifluoromethyl)phenyl)prop-2-en-1-one. <i>Materials Research Innovations</i> , <b>2017</b> , 21, 198-205	1.9	6
72	Structural and optical properties of a new organic crystal 3-(2-chloro-5-(trifluoromethyl) phenyl)-1-(3,4-dimethoxyphenyl)prop-2-en-1-one for nonlinear optical applications. <i>Materials Technology</i> , <b>2017</b> , 32, 140-147	2.1	5
71	Molecular structure, second- and third-order nonlinear optical properties and DFT studies of a novel non-centrosymmetric chalcone derivative: (2E)-3-(4-fluorophenyl)-1-(4-{[(1E)-(4-fluorophenyl)methylene]amino}phenyl)prop-2-en-1-one. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , <b>2017</b> , 184, 342-354	4.4	53
70	Optical nonlinearity of D-A- $\overline{D}$ and D-A- $\overline{A}$ type of new chalcones for potential applications in optical limiting and density functional theory studies. <i>Journal of Molecular Structure</i> , <b>2017</b> , 1143, 306-317	4	20
69	Temperature-induced first-order displacive phase transition of isonicotinamide-4-methoxybenzoic acid co-crystal. <i>Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials</i> , <b>2017</b> , 73, 285-295	1.8	3
68	Structural, third-order optical nonlinearities and figures of merit of ( E )-1-(3-substituted phenyl)-3-(4-fluorophenyl) prop-2-en-1-one under CW regime: New chalcone derivatives for optical limiting applications. <i>Dyes and Pigments</i> , <b>2017</b> , 139, 720-729	4.6	53

67	Novel biphenyl ester derivatives as tyrosinase inhibitors: Synthesis, crystallographic, spectral analysis and molecular docking studies. <i>PLoS ONE</i> , <b>2017</b> , 12, e0170117	3.7	17
66	Novel Fluorescent Benzimidazoles: Synthesis, Characterization, Crystal Structure and Evaluation of Their Anticancer Properties. <i>Letters in Organic Chemistry</i> , <b>2017</b> , 14, 33-38	0.6	1
65	Structure and nonlinear optical properties of (E)-1-(4-aminophenyl)-3-(3-chlorophenyl) prop-2-en-1-one: A promising new D-EA-ED type chalcone derivative crystal for nonlinear optical devices. <i>Journal of Molecular Structure</i> , <b>2017</b> , 1129, 239-247	3.4	50
64	Temperature-induced order-disorder structural phase transitions of two-dimensional isostructural hexamethylenetetramine co-crystals. <i>Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials</i> , <b>2017</b> , 73, 879-890	1.8	5
63	The crystal structure of zwitterionic 2-{{[4-iminiumyl-3-methyl-1,4-di-hydro-pyridin-1-yl)methyl]carbamoyl}benzoate hemihydrate. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , <b>2017</b> , 73, 927-931	0.7	4
62	Cholinesterase Inhibitory Activities of Adamantyl-Based Derivatives and Their Molecular Docking Studies. <i>Molecules</i> , <b>2017</b> , 22,	4.8	7
61	Monoclinic-to-orthorhombic phase transition of the hexamethylenetetramine-2-methylbenzoic acid (1/2) cocrystal with temperature-dependent dynamic molecular disorder. <i>Acta Crystallographica Section C, Structural Chemistry</i> , <b>2016</b> , 72, 971-980	0.8	1
60	Structure-Property relation and third order nonlinear optical absorption study of a new organic crystal: 1-(3,4-Dimethoxyphenyl)-3-(2-fluorophenyl) prop-2-en-1-one. <i>Optical Materials</i> , <b>2015</b> , 49, 279-285	3.3	10
59	Benzofuranyl Esters: Synthesis, Crystal Structure Determination, Antimicrobial and Antioxidant Activities. <i>Molecules</i> , <b>2015</b> , 20, 16566-81	4.8	8
58	Synthesis and Crystallographic Insight into the Structural Aspects of Some Novel Adamantane-Based Ester Derivatives. <i>Molecules</i> , <b>2015</b> , 20, 18827-46	4.8	7
57	Syntheses, X-ray Crystal Structures and Intermolecular Interaction Patterns of Hydrazone Derivatives with 1,2,3-Triazole Entity at 100 K. <i>Journal of Chemical Crystallography</i> , <b>2014</b> , 44, 220-228	0.5	0
56	Conformational studies of 2-(4-bromophenyl)-2-oxoethyl benzoates. <i>Zeitschrift Fur Kristallographie - Crystalline Materials</i> , <b>2014</b> , 229, 328-342	1	8
55	Syntheses, Crystal Structures and Antimicrobial Studies of Two New Semicarbazone Derivatives. <i>Journal of Chemical Crystallography</i> , <b>2014</b> , 44, 51-56	0.5	3
54	Crystal structure of dimeric flavodoxin from <i>Desulfovibrio gigas</i> suggests a potential binding region for the electron-transferring partner. <i>International Journal of Molecular Sciences</i> , <b>2013</b> , 14, 1667-83	6.3	10
53	Synthesis and crystal structures of N-substituted pyrazolines. <i>Molecules</i> , <b>2013</b> , 18, 2386-96	4.8	8
52	N-[4-(4-Bromo-phenyl)thia-zol-2-yl]-4-(piperidin-1-yl)butanamide. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2012</b> , 68, o1665	1	
51	(2E)-3-(3-Nitro-phenyl)-1-[4-(piperidin-1-yl)phenyl]prop-2-en-1-one. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2012</b> , 68, o974	2	
50	5-Bromo-4-(3,4-dimethoxy-phenyl)thia-zol-2-amine. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2012</b> , 68, o1631-2	7	

49	3-(3-Meth-oxy-phen-yl)benzo[d]thia-zolo[3,2-a]imidazol-9-i-um hydrogen sulfate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2012</b> , 68, o2407-8	
48	(E)-2-(2,3-Dimethyl-anilino)-N-[thio-phen-2-yl-methyl-idene)benzohydrazide. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2012</b> , 68, o2524-5	2
47	2-[3,5-Bis-(4-fluoro-phen-yl)-4,5-dihydro-1H-pyrazol-1-yl]-4,6-bis(4-fluoro-phenyl)pyrimidine. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2012</b> , 68, o807-8	4
46	(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> , <b>2012</b> , 68, o1560-1	2
45	N-[(4-Methyl-phen-yl)sulfon-yl]acetamide. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2012</b> , 68, o2025	1
44	(Z)-1-(4-Methyl-phen-yl)-2-(phenyl-sulfon-yl)ethanone oxime. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2012</b> , 68, o2369	
43	2-Anilino-4-(1,3-benzothia-zol-2-yl)-5-(4-chloro-benzo-yl)thio-phen-3-carbonitrile. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2012</b> , 68, o2529	1
42	Ethyl 4,4-[difluoro-5-[meth-oxy-1,1-[3[1-[terphenyl-4-[carboxyl-ate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2012</b> , 68, o172	1
41	3,3-[1,2-Phenyl-enebis(methyl-ene)]bis-(1-propyl-benzimidazolium) dibromide hemihydrate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2012</b> , 68, o466-7	8
40	(E)-3-(4-Chloro-phen-yl)-1-(4-fluoro-phenyl)-prop-2-en-1-one. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2012</b> , 68, o629	4
39	3,3-[1,4-Phenyl-enebis(methyl-ene)]-bis-(1-propyl-benzimidazolium) dichloride dihydrate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2012</b> , 68, o845-6	5
38	1-(4-Methyl-phen-yl)-2-(phenyl-sulfon-yl)ethanone. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2012</b> , 68, o1033	3
37	(Z)-3-p-Tolyl-2-(p-tolyl-imino)-1,3-thia-zolidin-4-one. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2012</b> , 68, o1143	1
36	N-(2,6-Dimethyl-phen-yl)-2,2-diphenyl-acetamide. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2012</b> , 68, o1287-8	1
35	(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> , <b>2012</b> , 68, o1314-5	1
34	N-(2,4-Dimethyl-phen-yl)-2,2-diphenyl-acetamide. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2012</b> , 68, o1316-7	1
33	3-[(N-Methyl-anilino)meth-yl]-5-(thio-phen-2-yl)-1,3,4-oxadiazole-2(3H)-thione. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2012</b> , 68, o1345-6	4
32	4-Benzyl-8-phenyl-1-thia-4-aza-spiro-[4.5]decan-3-one. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2012</b> , 68, o1438	

- 31 3-[(1-Hy-droxy-1-phenyl-propan-2-yl)amino]-5,5-dimethyl-cyclo-hex-2-enone. *Acta Crystallographica Section E: Structure Reports Online*, **2012**, 68, o1436-7
- 30 (2E)-1-(2,4-Dichloro-phen-yl)-3-(3,4,5-trimeth-oxy-phen-yl)prop-2-en-1-one. *Acta Crystallographica Section E: Structure Reports Online*, **2012**, 68, o1465
- 29 Dimethyl 1-(3-hy-droxy-2-iodo-1-phenyl-prop-yl)-1H-1,2,3-triazole-4,5-dicarboxyl-ate. *Acta Crystallographica Section E: Structure Reports Online*, **2012**, 68, o1559
- 28 1-(5-Bromo-4-phenyl-1,3-thia-zol-2-yl)pyrrolidin-2-one. *Acta Crystallographica Section E: Structure Reports Online*, **2012**, 68, o1738-9 3
- 27 (E)-3-Dimethyl-amino-1-(2,5-dimethyl-thio-phen-3-yl)prop-2-en-1-one. *Acta Crystallographica Section E: Structure Reports Online*, **2012**, 68, o1712-3
- 26 (E)-2-Cyano-N-[(1,2,3,4-tetra-hydro-naphthalen-1-yl-idene)acetohydrazide. *Acta Crystallographica Section E: Structure Reports Online*, **2012**, 68, o1740
- 25 Ethyl 2-amino-4-(4-fluoro-phen-yl)-6-meth-oxy-4H-benzo[h]chromene-3-carboxyl-ate. *Acta Crystallographica Section E: Structure Reports Online*, **2012**, 68, o1803-4 4
- 24 Methyl 2-{6-[(1-meth-oxy-1-oxopropan-2-yl)amino-carbon-yl]pyridine-2-carboxamido}-propano-ate. *Acta Crystallographica Section E: Structure Reports Online*, **2012**, 68, o1837-8
- 23 2-Amino-4-(4-fluoro-phen-yl)-6-meth-oxy-4H-benzo[h]chromene-3-carbonitrile. *Acta Crystallographica Section E: Structure Reports Online*, **2012**, 68, o1934-5 5
- 22 4-Bromo-acetyl-3-phenyl-sydnone. *Acta Crystallographica Section E: Structure Reports Online*, **2012**, 68, o2103 2
- 21 Ethyl 2-amino-4,5-dimethyl-thio-phene-3-carboxyl-ate. *Acta Crystallographica Section E: Structure Reports Online*, **2012**, 68, o2111 1
- 20 2-{2-[(E)-(2-Benzoyl-hydrazin-1-yl-idene)meth-yl]phen-oxy}acetic acid. *Acta Crystallographica Section E: Structure Reports Online*, **2012**, 68, o2260-1
- 19 2-[(1H-Benzimidazol-2-yl)sulfan-yl]-1-phenyl-ethanone. *Acta Crystallographica Section E: Structure Reports Online*, **2012**, 68, o2262 1
- 18 1-Chloro-1-[(Z)-2-phenyl-hydrazin-1-yl-idene]propan-2-one. *Acta Crystallographica Section E: Structure Reports Online*, **2012**, 68, o2263
- 17 (2E)-3-(6-Meth-oxy-naphthalen-2-yl)-1-[4-(methyl-sulfan-yl)phen-yl]prop-2-en-1-one. *Acta Crystallographica Section E: Structure Reports Online*, **2012**, 68, o2277-8
- 16 (N[N][Z,N[N][E]-N[N][-[1-(4-Chloro-phen-yl)ethane-1,2-diyl-idene]bis-(3-methyl-1-benzofuran-2-carbohydrazide). *Acta Crystallographica Section E: Structure Reports Online*, **2012**, 68, o2405-6
- 15 2-(2,3-Dimethyl-anilino)benzohydrazide. *Acta Crystallographica Section E: Structure Reports Online*, **2012**, 68, o2527-8 3
- 14 2,3,5-Triphenyl-2H-tetra-zol-3-iium tetra-phenyl-borate. *Acta Crystallographica Section E: Structure Reports Online*, **2012**, 68, o2567 1

- <sup>13</sup> 2,3,5-Triphenyl-2H-tetra-zol-3-i um bromide ethanol monosolvate. *Acta Crystallographica Section E: Structure Reports Online*, **2012**, 68, o2566
- <sup>12</sup> N-(1,3-Dioxo-2,3-dihydro-1H-isoindol-2-yl)-4,4-[difluoro-5-hydroxy-1,1-[3,1]-terphenyl-4-carboxamide. *Acta Crystallographica Section E: Structure Reports Online*, **2012**, 68, o2619-20 <sup>1</sup>
- <sup>11</sup> 2,3,5-Triphenyl-2H-tetra-zol-3-i um iodide. *Acta Crystallographica Section E: Structure Reports Online*, **2012**, 68, o2621
- <sup>10</sup> N-[(4-Chloro-phen-yl)sulfon-yl]acetamide. *Acta Crystallographica Section E: Structure Reports Online*, **2012**, 68, o2626
- <sup>9</sup> 5-(4-Bromo-phen-yl)-3-(4-fluoro-phen-yl)-1-phenyl-4,5-dihydro-1H-pyrazole. *Acta Crystallographica Section E: Structure Reports Online*, **2012**, 68, o2680 <sup>5</sup>
- <sup>8</sup> (E)-N-[(4-Meth-oxy-benzyl-idene)-2-(2-methyl-4-nitro-1H-imidazol-1-yl)acetohydrazide. *Acta Crystallographica Section E: Structure Reports Online*, **2012**, 68, o2988-9
- <sup>7</sup> (2E)-2-{{[3-Methyl-5-(2-naphth-yloxy)-1-phenyl-1H-pyrazol-4-yl]methyl-idene}hydrazinecarbothio-amide monohydrate. *Acta Crystallographica Section E: Structure Reports Online*, **2012**, 68, o3055-6 <sup>1</sup>
- <sup>6</sup> (2E)-2-(4-Fluoro-benzyl-idene)hydrazinecarboxamide. *Acta Crystallographica Section E: Structure Reports Online*, **2011**, 67, o2885-6 <sup>2</sup>
- <sup>5</sup> 2-Azido-1-(3,6-dichloro-9H-fluoren-1-yl)ethanone. *Acta Crystallographica Section E: Structure Reports Online*, **2011**, 67, o2656-7
- <sup>4</sup> 4-(1,3-Diphenyl-4,5-dihydro-1H-pyrazol-5-yl)-1,3-diphenyl-1H-pyrazole. *Acta Crystallographica Section E: Structure Reports Online*, **2011**, 67, o2822-3 <sup>2</sup>
- <sup>3</sup> (2E)-1-(2,5-Dimeth-oxy-phen-yl)-3-(3-nitro-phen-yl)prop-2-en-1-one. *Acta Crystallographica Section E: Structure Reports Online*, **2011**, 67, o3058-9 <sup>4</sup>
- <sup>2</sup> Methyl 4,4-[difluoro-5-meth-oxy-1,1-[3,1]-terphenyl-4-carboxyl-ate. *Acta Crystallographica Section E: Structure Reports Online*, **2011**, 67, o3390 <sup>6</sup>
- <sup>1</sup> 2-(2,4-Dichloro-phen-yl)-2-oxoethyl 4-meth-oxy-benzoate. *Acta Crystallographica Section E: Structure Reports Online*, **2011**, 67, o3379 <sup>3</sup>