Parutagouda Shankaragouda Patil

List of Publications by Year
in descending order

198 papers	3,141 citations	172457 29 h-index	182427 51 g-index
198 all docs	198 docs citations	198 times ranked	1864 citing authors

#	ARTICLE	IF	CITATIONS
1	Investigation of structure, morphology, photoluminescence, linear and third-order nonlinear optical properties of Sn1â"xLaxO2 thin films for optical limiting applications. Journal of Alloys and Compounds, 2022, 892, 162070.	5.5	8
2	Influence of annealing on microstructure, nonlinear optical and electrical properties of spray pyrolyzed Sn0.97La0.03O2 films. Optical Materials, 2022, 125, 112080.	3.6	4
3	Enhanced nonlinear optical absorption in defect enriched graphene oxide and reduced graphene oxide using continuous wave laser z-scan technique. Materials Today: Proceedings, 2022, 55, 186-193.	1.8	5
4	Synthesis, Growth, and Characterization of Single-Crystal Benzo[e]indolium for Third-Order Nonlinear Optical Properties. Journal of Electronic Materials, 2022, 51, 3531-3541.	2.2	4
5	Structure Characterization, Spectroscopic investigation and Nonlinear Optical Study using Density Functional Theory of (E)-1-(4-Chlorophenyl)-3-(4-methylphenyl) prop-2-en-1-one. Asian Journal of Research in Chemistry, 2022, , 121-128.	1.0	2
6	Structure-Property Relationship of Three 2-Chloro-4-fluoro Chalcone Derivatives: A Comprehensive Study on Linear and Non-linear Optical Properties, Structural Characterizations and Density Functional Theory. Journal of Molecular Structure, 2022, 1267, 133584.	3.6	10
7	Evolution of physicochemical properties of 2-(2-(4-(4-chloro) phenyl) vinyl)-1, 1, 3-trimethyl-1H-benzo[e] Indolium iodide via experimental and quantum chemical calculation for third-harmonic generation applications. Journal of Molecular Structure, 2022, 1268, 133557.	3.6	1
8	Structure and property relationship of methoxy substituted novel organic crystals for photonic applications. Materials Today: Proceedings, 2021, 35, 366-373.	1.8	2
9	Preparation, characterization and study on the nonlinear optical parameters of novel biphenyl-4-carbohydrazide derivative. Materials Today: Proceedings, 2021, 35, 478-482.	1.8	2
10	Thermo-optic effects mediated self focusing mechanism and optical power limiting studies of ZnO thin films deposited on ITO coated PET substrates by RF magnetron sputtering under continuous wave laser regime. Optik, 2021, 225, 165835.	2.9	9
11	Ultrafast Nonlinear Optical and Structureâ€"Property Relationship Studies of Pyridine-Based Anthracene Chalcones Using Z-Scan, Degenerate Four-Wave Mixing, and Computational Approaches. Journal of Physical Chemistry B, 2021, 125, 3883-3898.	2.6	16
12	Structural, photoluminescence, physical, optical limiting, and hirshfeld surface analysis of polymorphic chlorophenyl organic chalcone derivative for optoelectronic applications. Journal of Molecular Structure, 2021, 1232, 130053.	3.6	7
13	Impact of brilliant green dye on structural, linear, and third-order nonlinear optical properties of poly(vinyl alcohol) polymer composites for optoelectronic applications. Journal of Materials Research, 2021, 36, 2856-2871.	2.6	6
14	Modification of structure, electrical, linear and third-order nonlinear optical properties of spray pyrolyzed tin oxide films by deposition temperature. Superlattices and Microstructures, 2021, 155, 106920.	3.1	7
15	Target-to-substrate distance influenced linear and nonlinear optical properties of a-plane oriented ZnO:Al thin films. Journal of Materials Science: Materials in Electronics, 2021, 32, 22214-22231.	2.2	2
16	Enhancement of optical limiting performance in nanocrystalline La3+ doped ZnO film. Materials Science in Semiconductor Processing, 2021, 133, 105931.	4.0	16
17	Crystal structure, linear and nonlinear optical properties of three thiophenyl chalcone derivatives: A combined experimental and computational study. Optical Materials, 2020, 110, 110462.	3.6	17
18	Novel nitro based chalcone derivative single crystals: characterization on structural, linear optical, thermal, and third-order nonlinear optical properties. Applied Physics A: Materials Science and Processing, 2020, 126, 1.	2.3	3

#	Article	IF	Citations
19	Structural, linear optical, second and third-order nonlinear optical properties of two halogenated chalcone derivatives containing thiophene moiety. Chemical Physics Letters, 2020, 761, 138051.	2.6	9
20	Molecular structure, linear optical, second and third-order nonlinear optical properties of two non-centrosymmetric thiopheneâ€chalcone derivatives. Journal of Molecular Structure, 2020, 1222, 128901.	3.6	24
21	Influence of structure and surface morphology on optical limiting property of spray pyrolyzed ZCO thin films. Chemical Physics Letters, 2020, 759, 137975.	2.6	4
22	Structural and femtosecond third-order nonlinear optical properties of electron donor â€“ acceptor substituted chalcones: An experimental and computational approach. Journal of Molecular Structure, 2020, 1219, 128523.	3.6	19
23	phenyl]-1-(4methylphenyl)penta-2,4-dien-1-one crystal for second and third order nonlinear applications. Journal of Chemical Sciences, 2020, 132, 1.	1.5	3
24	Linear and nonlinear optical investigations of ZnO nanoparticles for optoelectronic applications. AIP Conference Proceedings, 2020, , .	0.4	4
25	Investigation of structural, physical, linear, and nonlinear optical properties of two novel thiophene centred D-Ï€-A type push-pull organic derivatives for nonlinear optical applications. Journal of Molecular Structure, 2020, 1220, 128763.	3.6	6
26	Third-order NLO properties and power limiting behavior of (E)-3-(4-fluorophenyl)-1-(4-methoxyphenyl)prop-2-en-1-one under CW laser excitation. Materials Today: Proceedings, 2020, 23, 359-365.	1.8	5
27	Enhanced optical nonlinearity in sprayed Mn doped ZnS thin films. Chemical Physics Letters, 2020, 750, 137457.	2.6	15
28	Fluorescence and third-order nonlinear optical properties of thermally stable CBPEA dye-doped PMMA/ZnO nanocomposites. Journal of Materials Science: Materials in Electronics, 2020, 31, 10531-10547.	2.2	11
29	Crystal structure, spectroscopic analyses, linear and third-order nonlinear optical properties of anthracene-based chalcone derivative for visible laser protection. Applied Physics B: Lasers and Optics, 2019, 125, 1.	2.2	28
30	Vibrational spectroscopic characterization, electronic absorption, optical nonlinearity computation and terahertz investigation of (2E) 3-(4-ethoxyphenyl)-1-(3-bromophenyl) prop-2-en-1-one for NLO device fabrication. Journal of Molecular Structure, 2019, 1198, 126909.	3.6	5
31	The role of cobalt doping in tuning the band gap, surface morphology and third-order optical nonlinearities of ZnO nanostructures for NLO device applications. RSC Advances, 2019, 9, 22302-22312.	3.6	59
32	Promising PVA/TiO2, CuO filled nanocomposites for electrical and third order nonlinear optical applications. Optical Materials, 2019, 95, 109218.	3.6	33
33	Influence of solution molarity on structure, surface morphology, non-linear optical and electric properties of CdO thin films prepared by spray pyrolysis technique. Materials Research Express, 2019, 6, 106447.	1.6	17
34	Third-order nonlinear optical properties of three chlorinated thienyl chalcones derivatives: synthesis, structural determination and Hirshfeld surface analysis. Zeitschrift Fur Kristallographie - Crystalline Materials, 2019, 234, 685-696.	0.8	2
35	Sprayed nanocrystalline ZMS thin films for nonlinear optical device applications. Optical Materials, 2019, 96, 109304.	3.6	7
36	Linear, second and third order nonlinear optical properties of novel noncentrosymmetric donor-acceptor configure chalcone derivatives: A dual approach study. Optik, 2019, 199, 163354.	2.9	24

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37	Nonlinear optical and optical power limiting studies of Zn1-xMnxO thin films prepared by spray pyrolysis. Optik, 2019, 182, 671-681.	2.9	27
38	Linear optical and third-order nonlinear optical properties of anthracene chalcone derivatives doped PMMA thin films. Optik, 2019, 190, 54-67.	2.9	45
39	Nonlinear reverse saturation absorption, self-defocusing behavior and structure-property relationship of a novel 2,3,4-trimethoxy-4'-nitrochalcone single crystal. Journal of Molecular Structure, 2019, 1193, 177-184.	3.6	5
40	Donor-Ï€-Acceptor-Ï€-Donor class of 2,5-dibenzylidenecyclopentan-1-one analogues as efficient third order nonlinear optical and photoluminescent materials â€“ An experimental investigation. Optics and Laser Technology, 2019, 117, 304-315.	4.6	8
41	Effect of Aluminium doping on photoluminescence and third-order nonlinear optical properties of nanostructured CdS thin films for photonic device applications. Physica B: Condensed Matter, 2019, 555, 145-151.	2.7	52
42	Second and third order nonlinear optical studies of a novel thiophene substituted chalcone derivative. Physica B: Condensed Matter, 2019, 555, 125-132.	2.7	39
43	Strong reverse saturable absorption and negative nonlinear refractive index in S and N co-doped GQDs at 532â€¯nm CW laser. Materials Letters, 2019, 235, 19-22.	2.6	3
44	Continuous wave laser induced nonlinear optical response of nitrogen doped graphene oxide. Optik, 2019, 178, 384-393.	2.9	28
45	Third order nonlinear optical properties of graphene quantum dots under continuous wavelength regime at 532â€...nm. AIP Conference Proceedings, 2018, , .	0.4	2
46	Third-order nonlinear optical properties of 1,3-bis(3,4-dimethoxyphenyl) prop-2-en-1-one under femtosecond laser pulses. AIP Conference Proceedings, 2018, , .	0.4	1
47	Thermally induced optical nonlinearity and optical power limiting action of 2,4,5-trimethoxy-4â€²-nitrochalcone under CW laser regime. Journal of Nonlinear Optical Physics and Materials, 2018, 27, 1850012.	1.8	21
48	Zn doped CdO thin films with enhanced linear and third order nonlinear optical properties for optoelectronic applications. AIP Conference Proceedings, 2018, , .	0.4	2
49	Structureâ€“property relation and third-order nonlinear optical studies of two new halogenated chalcones. Zeitschrift Fur Kristallographie - Crystalline Materials, 2018, 233, 349-360.	0.8	17
50	Structural characterizations, Hirshfeld surface analyses, and third-order nonlinear optical properties of two novel chalcone derivatives. Optical Materials, 2018, 75, 580-594.	3.6	85
51	Crystal structure, Hirshfeld and third-order nonlinear optical properties of applications. Optical Materials, 2018, 86, 138-147.	3.6	21
52	Linear, third order nonlinear and optical limiting studies on MZO/FTO thin film system fabricated by spin coating technique for electro-optic applications. Journal of Materials Research, 2018, 33, 3880-3889.	2.6	21
53	Solvents effect on photoluminescence of nitrogen incorporated graphene oxide using light emitting diode as an excitation source. AIP Conference Proceedings, 2018, , .	0.4	0
54	Z-scan studies of third-order nonlinear optical and optical limiting properties of chalcones doped Poly(methyl methacrylate) thin films for visible laser protection. Optical Materials, 2018, 84, 28-37.	3.6	45

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55	Investigation on structural, linear, nonlinear and optical limiting properties of sol-gel derived nanocrystalline Mg doped ZnO thin films for optoelectronic applications. Journal of Molecular Structure, 2018, 1173, 375-384.	3.6	58
56	Influence of Dy doping on key linear, nonlinear and optical limiting characteristics of SnO2 films for optoelectronic and laser applications. Optics and Laser Technology, 2018, 108, 609-618.	4.6	84
57	Crystal growth and characterization of second- and third-order nonlinear optical chalcone derivative: (2E)-3-(5-bromo-2-thienyl)-1-(4-nitrophenyl)prop-2-en-1-one. Journal of Applied Crystallography, 2018, 51, 1035-1042.	4.5	28
58	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. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2017, 184, 342-354.	3.9	74
59	Structural, third-order optical nonlinearities and figures of merit of (E)-1-(3-substituted) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 5 0 5 limiting applications. Dyes and Pigments, 2017, 139, 720-729.	3.7	76
60	Experimental and computational studies on second-and third-order nonlinear optical properties of a novel D-Ï€-A type chalcone derivative: 3-(4-methoxyphenyl)-1-(4-nitrophenyl) prop-2-en-1-one. Optics and Laser Technology, 2017, 97, 219-228.	4.6	110
61	Photophysical, Electrochemical Studies of Novel Pyrazolâ€4â€ylâ€2,3â€dihydroquinazolinâ€4(1H)â€ones and Their Anticancer Activity. ChemistrySelect, 2017, 2, 6882-6890.	1.5	11
62	Key functions analysis of a novel nonlinear optical D-Ï€-A bridge type (2E)-3-(4-Methylphenyl)-1-(3-nitrophenyl) prop-2-en-1-one chalcone: An experimental and theoretical approach. Optical Materials, 2017, 72, 427-435.	3.6	44
63	Structure and nonlinear optical properties of (E)-1-(4-aminophenyl)-3-(3-chlorophenyl) prop-2-en-1-one: A promising new D-Ï€-A-Ï€-D type chalcone derivative crystal for nonlinear optical devices. Journal of Molecular Structure, 2017, 1129, 239-247.	3.6	68
64	Molecular structure, spectroscopic (FT-IR, FT Raman, UV, NMR and THz) investigation and hyperpolarizability studies of 3-(2-Chloro-6-fluorophenyl)-1-(2-thienyl) prop-2-en-1-one. Journal of Molecular Structure, 2017, 1129, 292-304.	3.6	35
65	An experimental and theoretical study on a novel donor-Ï€-acceptor bridge type 2, 4, 5-trimethoxy-4â€²-chlorochalcone for optoelectronic applications: A dual approach. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2017, 173, 445-456.	3.9	70
66	Defect assisted saturable absorption characteristics in Al and Li doped ZnO thin films. Journal of Applied Physics, 2016, 120, .	2.5	14
67	Crystalline perfection, third-order nonlinear optical properties and optical limiting studies of 3, 4-Dimethoxy -4â€²-methoxychalcone single crystal. Optics and Laser Technology, 2016, 81, 70-76.	4.6	74
68	Growth and characterization of a new organic nonlinear optical crystal: 1-(3-Nitrophenyl)-5-phenylpenta-2,4-dien-1-one. Optics and Laser Technology, 2015, 71, 108-113.	4.6	31
69	An investigation on the key features of a Dâ€“Ï€â€“A type novel chalcone derivative for opto-electronic applications. RSC Advances, 2015, 5, 87320-87332.	3.6	103
70	Study on nonlinear optical properties of 2,4,5-trimethoxy-4â€²-bromochalcone single crystal. Optics and Laser Technology, 2014, 55, 37-41.	4.6	28
71	Nonlinear refractive and optical limiting measurements of 2-thienylchalcone derivatives under cw laser regime. Applied Physics A: Materials Science and Processing, 2014, 116, 805-810.	2.3	18
72	Investigation of third-order nonlinear optical properties of NNDC-doped PMMA thin films by Z-scan technique. Applied Physics A: Materials Science and Processing, 2011, 105, 723-731.	2.3	24

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73	Concentration-dependent two-photon absorption and subsequent excited-state absorption in 4-methoxy-2-nitroaniline. Journal of Applied Physics, 2009, 106, .	2.5	25
74	Nonlinear optical properties of 2,4,5-Trimethoxy-4Í´-nitrochalcone: observation of two-photon-induced excited-state nonlinearities. Optics Express, 2009, 17, 1126.	3.4	47
75	1,4-Bis(fluoromethyl)benzene. Acta Crystallographica Section E: Structure Reports Online, 2009, 65, o459-o459.	0.2	2
76	3-(2,4-Dichlorophenyl)-1,5-di-2-furylpentane-1,5-dione. Acta Crystallographica Section E: Structure Reports Online, 2009, 65, o336-o337.	0.2	0
77	Crystal growth of 2, 4, 5-Trimethoxy-4â€²-chlorochalcone and its characterization. Materials Letters, 2008, 62, 451-453.	2.6	24
78	Two-photon-induced excited-state absorption: Theory and experiment. Applied Physics Letters, 2008, 92, .	3.3	95
79	Ultrafast optical nonlinearities and figures of merit in acceptor-substituted 3,4,5-trimethoxy chalcone derivatives: Structure-property relationships. Journal of Applied Physics, 2008, 103, .	2.5	108
80	4-Chloro-Nâ€²-[(Z)-4-(dimethylamino)benzylidene]benzohydrazide monohydrate. Acta Crystallographica Section E: Structure Reports Online, 2008, 64, o1594-o1595.	0.2	36
81	4-Chloro-Nâ€²-[(Z)-4-nitrobenzylidene]benzohydrazide monohydrate. Acta Crystallographica Section E: Structure Reports Online, 2008, 64, o1707-o1707.	0.2	48
82	S-Benzylthiouronium 3-nitrobenzenesulfonate. Acta Crystallographica Section E: Structure Reports Online, 2008, 64, o1195-o1196.	0.2	2
83	4-Amino-3-{1-[4-(2-methylpropyl)phenyl]ethyl}-1H-1,2,4-triazole-5(4H)-thione. Acta Crystallographica Section E: Structure Reports Online, 2008, 64, o1590-o1591.	0.2	3
84	4-[(E)-4-Bromobenzylideneamino]-3-methyl-1H-1,2,4-triazole-5(4H)-thione. Acta Crystallographica Section E: Structure Reports Online, 2008, 64, o1509-o1509.	0.2	4
85	(E)-1-(4-Fluorophenyl)-3-(4-methylphenyl)prop-2-en-1-one. Acta Crystallographica Section E: Structure Reports Online, 2008, 64, o935-o935.	0.2	2
86	S-Benzylthiouronium 4-anilinobenzenesulfonate. Acta Crystallographica Section E: Structure Reports Online, 2008, 64, o1858-o1859.	0.2	0
87	Nâ€²-[(E)-1-Phenylethylidene]benzohydrazide. Acta Crystallographica Section E: Structure Reports Online, 2008, 64, o1961-o1962.	0.2	21
88	Nâ€²-[(Z)-4-(Dimethylamino)benzylidene]-4-nitrobenzohydrazide monohydrate. Acta Crystallographica Section E: Structure Reports Online, 2008, 64, o1907-o1908.	0.2	8
89	3-Hydroxy-4-methoxybenzaldehyde thiosemicarbazone hemihydrate. Acta Crystallographica Section E: Structure Reports Online, 2008, 64, o2274-o2275.	0.2	5
90	(E)-1-(4-Chlorophenyl)-3-(4-methylphenyl)prop-2-en-1-one. Acta Crystallographica Section E: Structure Reports Online, 2008, 64, o1038-o1038.	0.2	2

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91	Ethyl 4-(2-bromo-5-fluorophenyl)-6-methyl-1-phenyl-2-thioxo-1,2,3,4-tetrahydropyrimidine-5-carboxylate. Acta Crystallographica Section E: Structure Reports Online, 2008, 64, o1526-o1527.	0.2	1
92	(E)-3-(4-Chlorophenyl)-1-(2-thienyl)prop-2-en-1-one. Acta Crystallographica Section E: Structure Reports Online, 2008, 64, o1592-o1593.	0.2	2
93	(E)-3-(4-Methylphenyl)-1-(4-nitrophenyl)prop-2-en-1-one. Acta Crystallographica Section E: Structure Reports Online, 2008, 64, o954-o955.	0.2	8
94	4-(4-Bromobenzylideneamino)-1-(diphenylaminomethyl)-3-[1-(4-isobutylphenyl)ethyl]-1H-1,2,4-triazole-5(4H)-thione. Acta Crystallographica Section E: Structure Reports Online, 2008, 64, o1001-o1002.	0.2	8
95	3-[1-(4-Isobutylphenyl)ethyl]-6-(4-methylphenyl)-1,2,4-triazolo[3,4-b][1,3,4]thiadiazole. Acta Crystallographica Section E: Structure Reports Online, 2008, 64, o1076-o1077.	0.2	7
96	(E)-3-(2-Chlorophenyl)-1-(4-chlorophenyl)prop-2-en-1-one. Acta Crystallographica Section E: Structure Reports Online, 2008, 64, o1177-o1177.	0.2	3
97	(E)-1-(3-Bromophenyl)-3-(4-ethoxyphenyl)prop-2-en-1-one. Acta Crystallographica Section E: Structure Reports Online, 2008, 64, o1356-o1357.	0.2	6
98	(E)-1-(4-Bromophenyl)-3-(2-chlorophenyl)prop-2-en-1-one. Acta Crystallographica Section E: Structure Reports Online, 2008, 64, o1464-o1464.	0.2	3
99	4-[(E)-2,6-Dichlorobenzylideneamino]-3-{1-[4-(2-methylpropyl)phenyl]ethyl}-1H-1,2,4-triazole-5(4H)-thione. Acta Crystallographica Section E: Structure Reports Online, 2008, 64, o1503-o1504.	0.2	1
100	1-(4-Bromophenyl)-3-(4-ethoxyphenyl)prop-2-en-1-one. Acta Crystallographica Section E: Structure Reports Online, 2008, 64, o1540-o1541.	0.2	7
101	4-[(E)-2-Furylmethyleneamino]-3-phenyl-1H-1,2,4-triazole-5(4H)-thione. Acta Crystallographica Section E: Structure Reports Online, 2008, 64, o1528-o1529.	0.2	2
102	(E)-3-(2-Chlorophenyl)-1-(3-methoxyphenyl)prop-2-en-1-one. Acta Crystallographica Section E: Structure Reports Online, 2008, 64, o1525-o1525.	0.2	1
103	3-(2-Chloro-6-fluorophenyl)-1-(2-thienyl)prop-2-en-1-one. Acta Crystallographica Section E: Structure Reports Online, 2008, 64, o1720-o1721.	0.2	2
104	(E)-3-(2,4-Dichlorophenyl)-1-(2-thienyl)prop-2-en-1-one. Acta Crystallographica Section E: Structure Reports Online, 2008, 64, o1814-o1815.	0.2	2
105	(E)-1-(4-Aminophenyl)-3-(2-chlorophenyl)prop-2-en-1-one. Acta Crystallographica Section E: Structure Reports Online, 2008, 64, o2014-o2015.	0.2	2
106	2,5-Dimethoxybenzaldehyde thiosemicarbazone. Acta Crystallographica Section E: Structure Reports Online, 2008, 64, o2276-o2276.	0.2	2
107	Ethyl 2-[(E)-4-(dimethylamino)benzylidenehydrazino]-5-nitrobenzoate. Acta Crystallographica Section E: Structure Reports Online, 2008, 64, o2286-o2287.	0.2	2
108	1-(2,4-Dichlorophenyl)-3-(4-methylphenyl)prop-2-en-1-one. Acta Crystallographica Section E: Structure Reports Online, 2008, 64, o936-o936.	0.2	0

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109	(E)-3-(2-Chlorophenyl)-1-(2,4-dichlorophenyl)prop-2-en-1-one. Acta Crystallographica Section E: Structure Reports Online, 2008, 64, o1086-o1086.	0.2	0
110	(E)-3-(4-Chlorophenyl)-1-(2,4-dichloro-5-fluorophenyl)prop-2-en-1-one. Acta Crystallographica Section E: Structure Reports Online, 2008, 64, o956-o957.	0.2	3
111	2,3-Dibromo-1-(2,4-dichloro-5-fluorophenyl)-3-phenylpropan-1-one. Acta Crystallographica Section E: Structure Reports Online, 2008, 64, o1039-o1039.	0.2	1
112	(E)-3-(2-Chlorophenyl)-1-(4-nitrophenyl)prop-2-en-1-one. Acta Crystallographica Section E: Structure Reports Online, 2008, 64, o958-o959.	0.2	0
113	(E)-3-(3,4-Dimethoxyphenyl)-1-(2-furyl)prop-2-en-1-one. Acta Crystallographica Section E: Structure Reports Online, 2008, 64, o1434-o1435.	0.2	0
114	(E)-1-(2-Thienyl)-3-(2,4,5-trimethoxyphenyl)prop-2-en-1-one. Acta Crystallographica Section E: Structure Reports Online, 2008, 64, o1510-o1511.	0.2	4
115	2-Bromo-1-(4-methylphenyl)-3-phenylprop-2-en-1-one. Acta Crystallographica Section E: Structure Reports Online, 2008, 64, o1559-o1559.	0.2	1
116	(E)-3-(3,4-Dimethoxyphenyl)-1-(2-thienyl)prop-2-en-1-one. Acta Crystallographica Section E: Structure Reports Online, 2008, 64, o1440-o1440.	0.2	0
117	(E)-3-(2-Chlorophenyl)-1-(2-furyl)prop-2-en-1-one. Acta Crystallographica Section E: Structure Reports Online, 2008, 64, o1467-o1467.	0.2	2
118	4-(4-Bromobenzylideneamino)-3-{1-[4-(2-methylpropyl)phenyl]ethyl}-1-(morpholinomethyl)-1H-1,2,4-triazole-5(4H)-thione. Acta Crystallographica Section E: Structure Reports Online, 2008, 64, o1570-o1571.	0.2	0
119	(E)-3-(4-Chlorophenyl)-1-(2-furyl)prop-2-en-1-one. Acta Crystallographica Section E: Structure Reports Online, 2008, 64, o1530-o1530.	0.2	0
120	3-Ethyl-6-{1-[4-(2-methylpropyl)phenyl]ethyl}-1,2,4-triazolo[3,4-b][1,3,4]thiadiazole. Acta Crystallographica Section E: Structure Reports Online, 2008, 64, o1838-o1839.	0.2	0
121	2-Bromo-1-(4-methylphenyl)-3-phenylprop-2-en-1-one. Corrigendum. Acta Crystallographica Section E: Structure Reports Online, 2008, 64, e32-e32.	0.2	0
122	Second harmonic generation and crystal growth of new chalcone derivatives. Journal of Crystal Growth, 2007, 303, 520-524.	1.5	97
123	Synthesis, growth and characterization of second-order nonlinear optical crystal: 5-Br-2-thienyl-4â€²-methoxychalcone. Journal of Crystal Growth, 2007, 305, 218-221.	1.5	17
124	N-(3-Chloro-4-fluorophenyl)thiourea. Acta Crystallographica Section E: Structure Reports Online, 2007, 63, o67-o68.	0.2	4
125	1-(4-Fluorophenyl)-3-(2,4,5-trimethoxyphenyl)prop-2-en-1-one. Acta Crystallographica Section E: Structure Reports Online, 2007, 63, o54-o56.	0.2	1
126	3-(5-Bromo-2-thienyl)-1-(4-methoxyphenyl)prop-2-en-1-one. Acta Crystallographica Section E: Structure Reports Online, 2007, 63, o59-o60.	0.2	6

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127	3-(4-Chlorophenyl)-1-(2-hydroxyphenyl)prop-2-en-1-one. Acta Crystallographica Section E: Structure Reports Online, 2007, 63, o561-o562.	0.2	4
128	3-(5-Bromo-2-thienyl)-1-(4-nitrophenyl)prop-2-en-1-one. Acta Crystallographica Section E: Structure Reports Online, 2007, 63, o785-o786.	0.2	4
129	4-Methoxy-2-nitroaniline. Acta Crystallographica Section E: Structure Reports Online, 2007, 63, o1039-o1040.	0.2	2
130	(2E)-3-(2,4-Dichlorophenyl)-1-(3-nitrophenyl)prop-2-en-1-one. Acta Crystallographica Section E: Structure Reports Online, 2007, 63, o1736-o1737.	0.2	0
131	1-(3-Bromophenyl)-3-[4-(dimethylamino)phenyl]prop-2-en-1-one. Acta Crystallographica Section E: Structure Reports Online, 2007, 63, o1738-o1740.	0.2	7
132	3-(4-Chlorophenyl)-1-(3,4-dimethoxyphenyl)prop-2-en-1-one. Acta Crystallographica Section E: Structure Reports Online, 2007, 63, o1783-o1784.	0.2	1
133	(2E)-1-(3-Bromophenyl)-3-(4-chlorophenyl)prop-2-en-1-one. Acta Crystallographica Section E: Structure Reports Online, 2007, 63, o1844-o1845.	0.2	3
134	(2E)-1-(3-Bromophenyl)-3-(2-thienyl)prop-2-en-1-one. Acta Crystallographica Section E: Structure Reports Online, 2007, 63, o1867-o1868.	0.2	0
135	3-(3-Methoxyphenyl)-1-(4-methoxyphenyl)prop-2-en-1-one. Acta Crystallographica Section E: Structure Reports Online, 2007, 63, o1895-o1896.	0.2	1
136	3-(2,4-Dichlorophenyl)-1-(3,4-dimethoxyphenyl)prop-2-en-1-one. Acta Crystallographica Section E: Structure Reports Online, 2007, 63, o1897-o1898.	0.2	1
137	2-[(E)-2-(3-Hydroxy-4-methoxyphenyl)ethenyl]-1-methylquinolinium 4-bromobenzenesulfonate. Acta Crystallographica Section E: Structure Reports Online, 2007, 63, o2124-o2126.	0.2	4
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139	2-[(E)-2-(3-Hydroxy-4-methoxyphenyl)ethenyl]-1-methylquinolinium iodide monohydrate. Acta Crystallographica Section E: Structure Reports Online, 2007, 63, o2321-o2323.	0.2	6
140	1-(4-Chlorophenyl)-3-(4-ethoxyphenyl)prop-2-en-1-one. Acta Crystallographica Section E: Structure Reports Online, 2007, 63, o2497-o2498.	0.2	25
141	(2E)-1-(3-Bromophenyl)-3-phenylprop-2-en-1-one. Acta Crystallographica Section E: Structure Reports Online, 2007, 63, o2501-o2501.	0.2	2
142	1-(4-Bromophenyl)-3-(3-methoxyphenyl)prop-2-en-1-one. Acta Crystallographica Section E: Structure Reports Online, 2007, 63, o2612-o2612.	0.2	8
143	1,3-Bis(3,4-dimethoxyphenyl)prop-2-en-1-one. Acta Crystallographica Section E: Structure Reports Online, 2007, 63, o2613-o2613.	0.2	0
144	1-(3,4-Dimethoxyphenyl)-3-(4-methoxyphenyl)prop-2-en-1-one. Acta Crystallographica Section E: Structure Reports Online, 2007, 63, o2503-o2503.	0.2	0

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145	(2E)-3-[4-(Dimethylamino)phenyl]-1-(3-nitrophenyl)prop-2-en-1-one. Acta Crystallographica Section E: Structure Reports Online, 2007, 63, o2692-o2692.	0.2	5
146	3-(2-Furyl)-1-(3-nitrophenyl)prop-2-en-1-one. Acta Crystallographica Section E: Structure Reports Online, 2007, 63, o2693-o2693.	0.2	0
147	1-(4-Bromophenyl)-3-(3-methyl-2-thienyl)prop-2-en-1-one. Acta Crystallographica Section E: Structure Reports Online, 2007, 63, o2724-o2725.	0.2	3
148	1-(4-Bromophenyl)-3-(2-chloro-6-fluorophenyl)prop-2-en-1-one. Acta Crystallographica Section E: Structure Reports Online, 2007, 63, o3238-o3238.	0.2	3
149	1-(3,4-Dimethoxyphenyl)-3-(3-methoxyphenyl)prop-2-en-1-one. Acta Crystallographica Section E: Structure Reports Online, 2007, 63, o3239-o3239.	0.2	0
150	1-(3,4-Dimethoxyphenyl)-3-[4-(dimethylamino)phenyl]prop-2-en-1-one. Acta Crystallographica Section E: Structure Reports Online, 2007, 63, o3253-o3254.	0.2	1
151	1-Phenyl-3-(3,4,5-trimethoxyphenyl)prop-2-en-1-one. Acta Crystallographica Section E: Structure Reports Online, 2006, 62, o890-o892.	0.2	1
152	3-(3-Bromophenyl)-1-phenylprop-2-en-1-one. Acta Crystallographica Section E: Structure Reports Online, 2006, 62, o893-o895.	0.2	0
153	3-(4-Methoxyphenyl)-1-(4-nitrophenyl)prop-2-en-1-one. Acta Crystallographica Section E: Structure Reports Online, 2006, 62, o896-o898.	0.2	14
154	A cocrystal of 1-(4-methoxyphenyl)-3-(3,4,5-trimethoxyphenyl)prop-2-en-1-one and (E)-3-(3-chloro-4,5-dimethoxyphenyl)-1-(4-methoxyphenyl)-2-propen-1-one (0.92/0.08). Acta Crystallographica Section E: Structure Reports Online, 2006, 62, o1228-o1230.	0.2	9
155	1,3-Bis(4-bromophenyl)prop-2-en-1-one. Acta Crystallographica Section E: Structure Reports Online, 2006, 62, o1421-o1423.	0.2	9
156	1-(4-Bromophenyl)-3-(2,5-dimethoxyphenyl)prop-2-en-1-one. Acta Crystallographica Section E: Structure Reports Online, 2006, 62, o1460-o1462.	0.2	2
157	3-(4-Chlorophenyl)-1-(2,4-dichlorophenyl)prop-2-en-1-one. Acta Crystallographica Section E: Structure Reports Online, 2006, 62, o1463-o1465.	0.2	0
158	3-(4-Bromophenyl)-1-(4-nitrophenyl)prop-2-en-1-one. Acta Crystallographica Section E: Structure Reports Online, 2006, 62, o1466-o1468.	0.2	3
159	3-(2-Furyl)-1-(4-methoxyphenyl)prop-2-en-1-one. Acta Crystallographica Section E: Structure Reports Online, 2006, 62, o1526-o1528.	0.2	0
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161	1-(2,4-Dichlorophenyl)-3-(4-methoxyphenyl)prop-2-en-1-one. Acta Crystallographica Section E: Structure Reports Online, 2006, 62, o1707-o1709.	0.2	0
162	1-(4-Bromophenyl)-3-(2,4-dichlorophenyl)prop-2-en-1-one. Acta Crystallographica Section E: Structure Reports Online, 2006, 62, o1710-o1712.	0.2	7

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163	2-[(E)-2-(3-Hydroxy-4-methoxyphenyl)ethenyl]-1-methylquinolinium 4-chlorobenzenesulfonate. Acta Crystallographica Section E: Structure Reports Online, 2006, 62, o1802-o1804.	0.2	9
164	3-(4-Bromophenyl)-1-(4-chlorophenyl)prop-2-en-1-one. Acta Crystallographica Section E: Structure Reports Online, 2006, 62, o2175-o2177.	0.2	9
165	1-(4-Chlorophenyl)-3-(2-furyl)prop-2-en-1-one. Acta Crystallographica Section E: Structure Reports Online, 2006, 62, o2261-o2262.	0.2	1
166	3-(2-Furyl)-1-(4-nitrophenyl)prop-2-en-1-one. Acta Crystallographica Section E: Structure Reports Online, 2006, 62, o2397-o2398.	0.2	1
167	3-(3-Bromophenyl)-1-(4-bromophenyl)prop-2-en-1-one. Acta Crystallographica Section E: Structure Reports Online, 2006, 62, o2399-o2400.	0.2	7
168	1-(2,4-Dichlorophenyl)-3-(2-furyl)prop-2-en-1-one. Acta Crystallographica Section E: Structure Reports Online, 2006, 62, o2520-o2522.	0.2	0
169	1-(2,4-Dichlorophenyl)-3-(3,4-dimethoxyphenyl)prop-2-en-1-one. Acta Crystallographica Section E: Structure Reports Online, 2006, 62, o2596-o2598.	0.2	1
170	A cocrystal of 1-(4-chlorophenyl)-3-(3,4,5-trimethoxyphenyl)prop-2-en-1-one and 3-(3-chloro-4,5-dimethoxyphenyl)-1-(4-chlorophenyl)prop-2-en-1-one (0.95:0.05). Acta Crystallographica Section E: Structure Reports Online, 2006, 62, o2611-o2613.	0.2	2
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174	1-(4-Chlorophenyl)-3-(2-thienyl)prop-2-en-1-one. Acta Crystallographica Section E: Structure Reports Online, 2006, 62, o3200-o3202.	0.2	0
175	1-(4-Bromophenyl)-3-(2-thienyl)prop-2-en-1-one. Acta Crystallographica Section E: Structure Reports Online, 2006, 62, o3718-o3720.	0.2	5
176	1-(4-Nitrophenyl)-3-(2-thienyl)prop-2-en-1-one. Acta Crystallographica Section E: Structure Reports Online, 2006, 62, o3957-o3958.	0.2	2
177	1-(4-Bromophenyl)-3-(4-methoxyphenyl)prop-2-en-1-one. Acta Crystallographica Section E: Structure Reports Online, 2006, 62, o4128-o4129.	0.2	5
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180	1-(4-Chlorophenyl)-3-(2,4,5-trimethoxyphenyl)prop-2-en-1-one. Acta Crystallographica Section E: Structure Reports Online, 2006, 62, o4448-o4449.	0.2	3

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