Joseph Arul Pragasam A

List of Publications by Year
in descending order

34	502	516215 16	676716 22
papers	citations	h-index	g-index

35	35	35	314
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Growth and Characterization of a Novel Organometallic Nonlinear Optical Crystal:â€‰ Bis(Thiourea) Cadmium Formate. Crystal Growth and Design, 2006, 6, 2607-2610.	1.4	51
2	Growth and optical characterization of Cu- and Mg- substituted l-arginine di phosphate single crystals. Journal of Crystal Growth, 2005, 280, 271-278.	0.7	32
3	Growth and characterization of pure, benzophenone and iodine doped benzoyl glycine single crystals. Materials Chemistry and Physics, 2006, 97, 501-505.	2.0	29
4	Growth and characterization of an organometallic nonlinear optical crystal of manganese mercury thiocyanate (MMTC). Journal of Crystal Growth, 2006, 296, 51-57.	0.7	28
5	Growth and characterization of pure and doped potassium pentaborate (KB5) single crystals. Journal of Crystal Growth, 2003, 247, 199-206.	0.7	27
6	Growth and characterization of amino acid (glycine and valine) substituted l-arginine diphosphate single crystals. Optical Materials, 2006, 29, 173-179.	1.7	25
7	Crystal structure, optical and thermal studies of a new organic nonlinear optical material: l-Histidinium maleate 1.5-hydrate. Materials Research Bulletin, 2012, 47, 1648-1652.	2.7	24
8	Crystallization, spectral, and thermal characterization of l-histidine methyl ester dihydrochloride (LHMED). Journal of Thermal Analysis and Calorimetry, 2012, 107, 1231-1235.	2.0	23
9	Growth, microhardness and optical characterization of l-arginine hydrofluoride (LAHF) single crystals. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2004, 107, 259-263.	1.7	21
10	Analysis on the Growth and Characterization of a Non-linear Optical Single Crystal: L-Cystine Dihydrobromide. Materials Research, 2015, 18, 828-832.	0.6	20
11	Growth and Optical Studies of a Novel Organometallic Complex NLO Crystal: Tetrathiourea Cadmium(II) Tetrathiocyanato Zinc(II). Materials and Manufacturing Processes, 2007, 22, 370-374.	2.7	19
12	Optical Based Electrical Properties of Thiourea Borate NLO Crystal for Electro-Optic Q Switches. Journal of Electronic Materials, 2019, 48, 5632-5639.	1.0	19
13	Studies on the growth and characterization of l-argininium formate single crystals. Journal of Crystal Growth, 2004, 267, 619-623.	0.7	17
14	Spectral, optical, and thermal studies of pure and Zn(II)-doped l-histidine hydrochloride monohydrate (LHHC) crystals. Journal of Thermal Analysis and Calorimetry, 2012, 110, 839-845.	2.0	17
15	Investigation on structural, spectral, and thermal properties of l-histidinium glutarate monohydrate (LHG). Journal of Thermal Analysis and Calorimetry, 2014, 118, 333-338.	2.0	17
16	Analysis on linear and nonlinear optical properties of an efficient semi-organic crystal: Thiourea borate. Optics and Laser Technology, 2018, 107, 428-434.	2.2	17
17	Growth and Characterization of Pure and Thiourea Doped L-Histidine Single Crystals. Materials and Manufacturing Processes, 2012, 27, 355-359.	2.7	16
18	Crystal growth, spectral, optical, and thermal characterization of glycyl-l-alanine hydrochloride (GLAH) single crystal. Journal of Thermal Analysis and Calorimetry, 2012, 110, 873-878.	2.0	16

#	Article	IF	Citations
19	Growth and Characterization of Non-Linear Optical Single Crystal: L-cysteine Hydrochloride Monohydrate. Acta Physica Polonica A, 2015, 128, 423-431.	0.2	16
20	Growth and characterization of semiorganic NLO crystals of LAHClBr. Crystal Research and Technology, 2006, 41, 1231-1235.	0.6	11
21	Studies on the characterisation of l-proline thiourea monohydrate nonlinear optical single crystal. Journal of Thermal Analysis and Calorimetry, 2014, 116, 963-968.	2.0	10
22	Studies on third order nonlinear optical properties of Nickel Boro Phthalate NLO crystal. Materials Research Express, 2019, 6, 116213.	0.8	10
23	Growth and Characterization of Pure and Thiourea-Doped L-Alanine Single Crystals for NLO Devices. Journal of Russian Laser Research, 2013, 34, 346-350.	0.3	8
24	Crystallization and characterization of nonlinear optical l-histidinium dihydrogen orthophosphate orthophosporic acid single crystal. Crystal Research and Technology, 2006, 41, 997-1001.	0.6	5
25	Structural, optical and thermal characteristics of a novel orthorhombic l-proline thiourea monohydrate. Journal of Thermal Analysis and Calorimetry, 2012, 110, 891-895.	2.0	5
26	An Investigation on Opto-thermo-mechanical Behaviour of a Borate Family NLO Crystal for Photonic Applications. Brazilian Journal of Physics, 2021, 51, 1625-1635.	0.7	5
27	Analysis on Dielectric, Thermal, and Mechanical Characteristics of Nickel Boro Phthalate NLO Crystal for Optoelectronic Applications. Crystal Research and Technology, 2021, 56, 2000247.	0.6	4
28	Studies on the Growth Aspects of Thiourea Doped L-Alanine Hydrogenchloride: A Promising NLO Crystal. Advanced Materials Research, 2012, 584, 70-73.	0.3	3
29	Crystal growth, structural, optical, thermal and electrical properties of organic NLO l-arginine acetamide single crystal. Journal of Thermal Analysis and Calorimetry, 2015, 119, 785-789.	2.0	3
30	Third order measurements, thermal and mechanical stress tolerance studies of a nonlinear borate family hybrid crystal towards optoelectronic applications. Materials Today: Proceedings, 2022, 49, 1504-1510.	0.9	3
31	Second harmonic generation in Thiourea doped L-Threonine Non Linear Optical single crystal. , 2010, , .		0
32	Studies on crystallization and characterization of l-cysteiniumchloride nicotinamide monohydrate single crystal. Optik, 2015, 126, 4322-4325.	1.4	0
33	Synthesis, growth and characterization of NLO single crystals for Remote Sensing applications. Journal of Physics: Conference Series, 2021, 1770, 012095.	0.3	0
34	Crystal growth and Characterization of an NLO material: L-cysteinium Sodium Nitrate Chloride (LCSNC). Photonics Letters of Poland, 2014, 6, .	0.2	0