

G Ramasamy

List of Publications by Year in descending order

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papers

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1163117

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#	ARTICLE	IF	CITATIONS
1	Rare earth cerium doping effects in nonlinear optical materials: potassiumhydrogen phthalate (KHP) and tris(thiourea)zinc(II) sulfate (ZTS). <i>CrystEngComm</i> , 2010, 12, 493-499.	2.6	43
2	Influence of alkali metal sodium doping on the properties of potassium hydrogen phthalate (KHP) crystals. <i>Journal of Thermal Analysis and Calorimetry</i> , 2010, 100, 861-865.	3.6	30
3	Growth and characterization of Fe ³⁺ -doped bis(thiourea)zinc(II) chloride crystals. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2011, 79, 1648-1653.	3.9	18
4	Studies on amino acid picrates: Crystal growth, structure and characterization of a new nonlinear optical material l-isoleucinium picrate. <i>Optik</i> , 2014, 125, 4422-4426.	2.9	17
5	Crystal growth, structure, crystalline perfection and characterization of zinc magnesium ammonium sulfate hexahydrate mixed crystals Zn _x Mg _(1-x) (NH ₄) ₂ (SO ₄) ₂ ·6H ₂ O. <i>Journal of Crystal Growth</i> , 2012, 352, 137-142.	1.5	16
6	Synthesis, growth, structure and characterization of potassium lithium hydrogen phthalate mixed crystals. <i>RSC Advances</i> , 2015, 5, 46282-46289.	3.6	13
7	The concentration effects of s-, p-, d- and f-block element doping on the growth, crystalline perfection and properties of KDP crystals. <i>CrystEngComm</i> , 2012, 14, 3813.	2.6	12
8	Growth, structure and spectral studies of a novel mixed crystal potassium zinc manganese sulphate. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2014, 117, 9-12.	3.9	11
9	Synthesis and characterization of host-guest inclusion complex of β -cyclodextrin with 4,4'-methylenedianiline by diverse methodologies. <i>Journal of Molecular Liquids</i> , 2020, 316, 113843.	4.9	10
10	Synthesis, growth, characterization and crystal structure of zinc cadmium thiourea complex Zn _{0.625} Cd _{1.375} (CS(NH ₂) ₂) _{9.4} (SO ₄). <i>Journal of Crystal Growth</i> , 2013, 377, 197-202.	1.5	7
11	Effect of s-, p-, d-, and f-block elements on the structure and properties of ammonium dihydrogen phosphate crystals. <i>Journal of Thermal Analysis and Calorimetry</i> , 2011, 104, 949-954.	3.6	6
12	Synthesis and crystal structure of potassium hydrogen phthalate mixed crystal K _{0.78} Na _{1.22} [C ₆ H ₄ (COO) ₂] ₂ ·H ₂ O. <i>Journal of Crystal Growth</i> , 2013, 375, 26-31.	1.5	5
13	Synthesis, characterization, crystal structure and NLO properties of a new mixed crystal potassium sodium ammonium dihydrogenphosphate K _{0.23} Na _{0.23} (NH ₄) _{0.54} H ₂ PO ₄ . <i>Journal of Crystal Growth</i> , 2012, 352, 63-66.	1.5	4
14	Influence of s-, p-, d- and f- block elements doping on the optical and thermal properties of potassium dihydrogen phosphate crystals. <i>Journal of Thermal Analysis and Calorimetry</i> , 2013, 112, 1121-1125.	3.6	4
15	Optical, thermal and mechanical characterization of Al(III)/Sb(III)-doped tris(thiourea)zinc(II) sulphate crystals. <i>Optik</i> , 2014, 125, 4876-4880.	2.9	4
16	Crystal growth and characterization of mixed crystal potassium zinc vanadium sulphate. <i>Journal of Thermal Analysis and Calorimetry</i> , 2015, 119, 969-974.	3.6	4