

# G Ramasamy

## List of Publications by Year in descending order

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16  
papers

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citations

1163117

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h-index

1058476

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docs citations

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times ranked

175  
citing authors

#	ARTICLE	IF	CITATIONS
1	Synthesis and characterization of host-guest inclusion complex of $\beta$ -cyclodextrin with 4,4'-methylenedianiline by diverse methodologies. <i>Journal of Molecular Liquids</i> , 2020, 316, 113843.	4.9	10
2	Synthesis, growth, structure and characterization of potassium lithium hydrogen phthalate mixed crystals. <i>RSC Advances</i> , 2015, 5, 46282-46289.	3.6	13
3	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
4	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
5	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
6	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
7	Synthesis and crystal structure of potassium hydrogen phthalate mixed crystal $K_{0.78}Na_{1.22}[C_6H_4(COO)_2] \cdot H_2O$ . <i>Journal of Crystal Growth</i> , 2013, 375, 26-31.	1.5	5
8	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
9	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
10	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
11	Synthesis, characterization, crystal structure and NLO properties of a new mixed crystal potassium sodium ammonium dihydrogenphosphate $K_{0.23}Na_{0.23}(NH_4)_{0.54}H_2PO_4$ . <i>Journal of Crystal Growth</i> , 2012, 352, 63-66.	1.5	4
12	Crystal growth, structure, crystalline perfection and characterization of zinc magnesium ammonium sulfate hexahydrate mixed crystals $Zn_xMg_{(1-x)}(NH_4)_2(SO_4)_2 \cdot 6H_2O$ . <i>Journal of Crystal Growth</i> , 2012, 352, 137-142.	1.5	16
13	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
14	Growth and characterization of Fe <sup>3+</sup> -doped bis(thiourea)zinc(II) chloride crystals. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2011, 79, 1648-1653.	3.9	18
15	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
16	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