

# A Aditya Prasad

## List of Publications by Year in descending order

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18  
papers

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citations

1307594

7  
h-index

1058476

14  
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18  
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18  
docs citations

18  
times ranked

221  
citing authors

#	ARTICLE	IF	CITATIONS
1	Optical, vibrational, NBO, first-order molecular hyperpolarizability and Hirshfeld surface analysis of a nonlinear optical chalcone. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2015, 140, 311-327.	3.9	78
2	Crystal growth, characterization and theoretical studies of 4-aminopyridinium picrate. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2015, 135, 805-813.	3.9	27
3	Combined theoretical and experimental studies on the molecular structure, spectral and Hirshfeld surface studies of NLO tris(thiourea)zinc(II) sulfate crystals. <i>Journal of Molecular Structure</i> , 2015, 1091, 210-221.	3.6	19
4	Synthesis, crystal growth, characterization and theoretical studies of 4-aminobenzophenonium picrate. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2015, 135, 46-54.	3.9	17
5	Synthesis, growth, structure and characterization of potassium lithium hydrogen phthalate mixed crystals. <i>RSC Advances</i> , 2015, 5, 46282-46289.	3.6	13
6	Growth, hyperpolarizability, characterization and theoretical studies of NLO active tris(allylthiourea)mercury(II) chloride. <i>Journal of Molecular Structure</i> , 2015, 1085, 147-154.	3.6	9
7	Hydrogen-bonded supramolecular architecture in nonlinear optical ammonium 2,4-dinitrophenolate hydrate. <i>Journal of Applied Crystallography</i> , 2015, 48, 844-852.	4.5	8
8	Growth and characterization of 2-amino-5-nitrobenzophenonium picrate crystals. <i>Journal of Thermal Analysis and Calorimetry</i> , 2015, 119, 885-890.	3.6	7
9	Crystal growth, characterization and Density functional theory computations of supramolecular N- $\epsilon$ -carbamothioyl acetamide. <i>Crystal Research and Technology</i> , 2015, 50, 395-404.	1.3	6
10	Conformational polymorphs of isobutyl-6-amino-5-cyano-2-methyl-4-phenyl-4H-pyran-3-carboxylate: spectroscopic, structural and DFT approach. <i>Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials</i> , 2016, 72, 301-309.	1.1	6
11	Crystal growth, characterization and theoretical studies of alkaline earth metal-doped tetrakis(thiourea)nickel(II) chloride. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2015, 137, 383-388.	3.9	4
12	Synthesis, growth, structure and characterization of molybdenum zinc thiourea complex crystals. <i>Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials</i> , 2015, 71, 285-292.	1.1	3
13	Hyperpolarizability, Hirshfeld, and density functional theory computations of a nonlinear optical picrate. <i>Molecular Crystals and Liquid Crystals</i> , 2016, 625, 238-252.	0.9	3
14	Polymorphs of 4-isopropylbenzylidene thiophene-2-carbohydrazide: Crystal growth and density functional theory computations. <i>Journal of Molecular Structure</i> , 2017, 1130, 138-149.	3.6	3
15	Crystal growth, structure and characterization of diglycine zinc dipicrate: Centrosymmetric crystal exhibiting second harmonic generation efficiency. <i>Molecular Crystals and Liquid Crystals</i> , 2017, 656, 153-168.	0.9	3
16	Influence of Cs(I)-doping on the spectral, thermal, morphological and optical properties of bis(thiourea)zinc(II) chloride crystals. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2014, 125, 308-312.	3.9	2
17	Growth, characterization and theoretical studies of cadmium (II) thiourea complexes: a comparative study. <i>Inorganic and Nano-Metal Chemistry</i> , 0, , 1-12.	1.6	1
18	Growth and characterization of a mixed crystal ethylenethiourea cadmium nickel chloride. <i>Optik</i> , 2015, 126, 3326-3328.	2.9	0