

SI No	Title of the Paper/ Report/ Book	Author(s)	Name, Volume, Number of Journal & Year of Publication.	Page Number	
1.	Nucleation kinetics of (NH ₄) ₂ SO ₄ and K ₂ SO ₄ doped ADP crystals in aqueous solutions	N.P.Rajesh, C. Mahadevan	J. Indian Chemical Society, (1998), Vol. 75, No 5	307	309
2	Effect of solvent and solute purification on the nucleation parameters of ADP single crystals	T. H. Freeda, N.P.Rajesh, C. Mahadevan Prof. R. Dhanasekaran	Recent trends in Crystal Growth. (1998) Vol. I, Ed	45	54
3	Effect of EDTA on the Metastable Zone Width of ADP	N.P. Rajesh, K. Meera, K. Srinivasan, P.Santhanaraghavan and P.Ramasamy	J. Crystal Growth 213 (2000)	389	394
4	Growth of high quality NLO material	N.P. Rajesh, K. Meera, C.K.Lakshmanaperumal, P.Santhanaraghavan and P.Ramasamy	Indian Journal of Engineering and Materials Science 7(2000)	361	363
5	Effect of Urea on Metastable Zone Width, Induction Time and Nucleation Parameters of Ammonium Dihydrogen Orthophosphate	N. P. Rajesh, C. K. Lakshmana Perumal, P. Santhana Raghavan, P. Ramasamy	Cryst. Res. Technol. 36 (2001) 55.	55	63
6	Influence of chelators in crystallization of K ₂ SO ₄	N.P. Rajesh, K. Meera, C.K.Lakshmanaperumal, P.Santhanaraghavan and P.Ramasamy	Materials Chemistry and Physics 71(3) (2001) 299	299	303
7	Optical and Microhardness studies of KDP crystals Grown from aqueous solutions with organic additives	N.P. Rajesh, V.Kannan, P. Santhana Raghavan, P.Ramasamy and C.W.Lan	Material Letters Vol 52 (2002)	326	328
8	Nucleation Studies and Crystal growth in super saturated aqueous	N.P. Rajesh, V.Kannan, P.Santhanaraghavan P.Ramasamy and C.W.	Material Chemistry and Physics 76 (2002)	181	186

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10	Electrical conductivity measurements of Pure and amino acids doped Triglycine sulphate phosphate single crystals	N. P. Rajesh, C. Mahadevan, P. Santhana Raghavan, Y Chieh Huang and P.Ramasamy	Material Letters 55 (2002)	394	396
11	Enhancement of Metastable Zone of Some Aqueous Solutions	N.P. Rajesh, P.Santhanaraghavan, P.Ramasamy and C.W.Lan	The Chinese Journal of Chemical Engineering Vol.33, No 4,,(2002)	1	7
12	Crystal growth of two-component new novel organic NLO crystals Urea:mNBA and Urea:L-malic Acid	Y. Y. Lin, N.P.Rajesh, P.SanthanaRaghavan, P.Ramasamy and Y. C. Huang	Materials Letters, 56 (2002)	1074	1077
13	Synthesis, crystal growth and FTIR, NMR, S studies of 4-methoxy benzaldehyde- N-methyl-4-stilbazolium tosylate (MBST)	C.K. Lakshmana Perumal, A. Arulchakkaravarthi, N.P. Rajesh, P. Santhana Raghavan, Y.C. Huang, M. Ichimura, P. Ramasamy	Journal of Crystal Growth 240 (2002)	212	217
14	Fundamental studies on the crystallisation of technological important ADP and KDP crystals	N. P. Rajesh, V. Kannan, P. Santhanaraghavan, Yen-Chieh Huang and P.Ramasamy	Proc. 15th International conference on Industrial crystallisation, Vol.1 (2002)	7	13
15	Microhardness and slip systems of solution grown MHB crystals	C.K.Lakshmanaperumal, A.Arulchakkaravarthi, N.P.Rajesh, P.santhanaraghavan and P.Ramasamy	Materials Letters 56(2002)	578	586

16	Studies on the effect of Organic additive on the induction period, metastable zone width and nucleation parameters of DAST	P.SanthanaRaghavan, C.K.Lakshmana.Perumal, Yen-Yin Lin, N.P.Rajesh, P.Ramasamy and Yen-Chieh Huang	Journal of Crystal Growth Journal of Crystal Growth, 240,(2002)	212	217
17	Studies on ADP single crystals added with some sodium compounds	C.Mahadevan, N.P.Rajesh, N.P.Bindhu, S. Jenitta Janaki and T.M. Maheswari	Proc. Mano research forum	11	16
18	A new nonlinear optical semi-organic material: cadmium thiourea acetate	N.P.Rajesh, V.Kannan, M.Ashok, K.Sivaji, P.Santhana Raghavan and P.Ramasamy	J. Crystal Growth 262 (2004)	561	566
19	Growth and characterization of Bisthiourea-zinc acetate, a novel nonlinear optical material	V. Kannan, N.P.Rajesh, R. Bairava Ganesh, P. Ramasamy	Journal of Crystal Growth 269 (2004)	565	569
20	Synthesis, Growth and Characterization of a new Nonlinear Optical Crystal Sodium Acid Phthalate	R. Bairava Ganesh, V. Kannan, K. Meera, N.P. Rajesh, P. Ramasamy	Journal of Crystal Growth 3(2005)	429-	433.
21	Influence of La ³⁺ ions on growth and NLO properties of KDP single crystals	V. Kannan, R. Bairava Ganesh, R. Sathyalakshmi, N. P. Rajesh, P. Ramasamy	Cryst. Res. Technol 41, (2006)	678	682
22	Effect of cerium on the growth and crystalline quality of KDP crystals	M.Jayaprakasan, N.P.Rajesh, V. Kannan, R.Bairava Ganesh, G. Bhagavannarayana and P.Ramasamy	Materials Letters61 (2007)	2419	2421
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24	Nucleation studies and characterization of KDP single crystals with LAHCl as additive	P.V. Dhanaraj, Santheep.K.Mathew, N.P. Rajesh	Journal of Crystal Growth, 310 (2008)	2532	2536
25	Preparation and	Santheep K Mathew,	Materials Letters	591	593

	characterisation of Copper Sulfide Particles by Photo Chemical Method	N.P. Rajesh, Masaya Ichimura, Udayalakshmi			
26	Nucleation studies and characterization of KDP single crystals with LAHCl as additive	P.V. Dhanaraj, Santheep. K. Mathew, N.P. Rajesh	Journal of Crystal Growth, 310 (2008)	2532	2536
27	Performance Improvement and Evaluation of an All Plastic Organic Field Effect Transistor	Shizuyasu Ochiai , Xin Wang , N P Rajesh , Asao Ohashi , Kenzo Kojima and Teruyoshi Mizutani	Proc. of SPIE, 6658 (2007),	1	11.
28	Effect of amino acid additives on crystal growth parameters and properties of ammonium dihydrogen orthophosphate crystals	P.V. Dhanaraj, G. Bhagavannarayana and N.P. Rajesh	Material Chemistry and Physics,112, (2008)	490	495.
29	Growth and Characterization of KDP crystals with Potassium Carbonate as additive	P.V. Dhanaraj, C.K. Mahadevan, G. Bhagavannarayana, P. Ramasamy, N.P. Rajesh	Journal of Crystal Growth,310, (2008)	5341	5346
30	Optical Bistability of Spin Coated Poly(3-hexylthiophene)(P3HT)/P MMA Composite Thin Film	Jayaraman Ramajothi, Shizuyasu Ochiai, Narayana Perumal Rajesh, Kunjithapatham Sethuraman, Asao Ohashi, Kenzo Kojima , Teruyoshi Mizutani	The Review of Laser Engineering, 36, (2008)	1291	1294
31	Enhancement of stability of growth, structural and NLO properties of KDP Crystals due to additive along with the seed rotation	P.V. Dhanaraj, N.P. Rajesh, P. Ramasamy, M. Jayaprakasan, C.K. Mahadevan , G. Bhagavannarayana	Cryst. Res. Technol.,44,(2009)	54	60
32	Growth and Characterization of non linear optical γ -glycine single crystals from lithium acetate as solvent	P.V. Dhanaraj, N.P. Rajesh	Material Chemistry and Physics, 115, (2009)	413	417
33	Crystal growth and characterization of organic single crystal	K. Udaya Lakshmi, N.P. Rajesh, K. Ramamurthi, Babu Varghese	Journal of Crystal Growth,311,(2009)	2484	2489
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	characterization of potassium thiocyanate added KDP crystals grown by seed rotation technique	N.P. Rajesh, C.K. Mahadevan, G. Bhagavannarayana	Condensed Matter,404,(2009)		
35	Growth and characterization of naphthalene single crystals grown by modified vertical Bridgman method	T.Suthan, N.P. Rajesh, P.V. Dhanaraj, C.K. Mahadevan	Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy, 75, (2010)	69	73
36	Synthesis, Crystal Growth and Characterization of a Semiorganic Material: Calcium Dibromide bis(Glycine) Tetrahydrate	P.V. Dhanaraj, T. Suthan, N.P. Rajesh	Current Applied Physics, 10 ,(2010)	1349	1353
37	Synthesis, Crystal Growth and Characterization of an organic NLO Material: Bis (2-aminopyridine) malate	P.V. Dhanaraj, N.P. Rajesh, G. Bhagavannarayana	Physica B: Condensed Matter, 405 ,(2010)	3441	3445
38	Growth and characterization of triglycine calcium dibromide, a semiorganic NLO material	P.V. Dhanaraj N.P. Rajesh.	Physica B: Condensed Matter, 405,(2010)	4105	4110
39	Studies on the growth and characterization of tris (glycine) calcium(II) dichloride-a nonlinear optical crystal	P.V. Dhanaraj, N.P. Rajesh.	Physica B 406 (2011)	12	18
40	Crystal structure and characterization of a novel organic optical crystal: 2-aminopyridinium trichloroacetate	P.V. Dhanaraj, N.P. Rajesh, G. Vinitha, G. Bhagavannarayana	Materials Research Bulletin, 46 (2011)	726	731
41	Growth and Characterization of 2-hydroxy-4-methoxybenzophenone single crystal using nano translation by modified vertical Bridgman	T. Suthan, N.P. Rajesh, C.K. Mahadevan and G. Bhagavannarayana	Spectrochimica Acta Part A, 78,(2011).	771	776

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42	Growth and characterization of novel NLO material 4-nitrobenzaldehyde single crystal using modified vertical Bridgman technique with nano translation	T. Suthan, N. P. Rajesh	J. Cryst. Growth, 312, (2010).	3156	3160
43	Investigations on crystal growth, structural, optical, dielectric, mechanical and thermal properties of a novel optical crystal: Nicotinium nitrate monohydrate	P.V Dhanaraj, N.P. Rajesh	Journal of Crystal Growth, 318 (2011).	974	978
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46	Investigations on the physiochemical properties of nonlinear optical Bis (2-aminopyridinium) sulfate single crystals	P.V. Dhanaraj, N.P. Rajesh, V. Ganesh, K. Kishan Rao, C.K. Mahadevan	Current Applied Physics		
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