



**Dr. S. Sudhahar**  
**Assistant Professor**

### Contact

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**Academic Qualifications: M.Sc./M.Ed./Ph.D.**

**Teaching Experience: 04 Years**

**Research Experience: 10 Years**

### Areas of Research

**Crystal Growth (Nonlinear and Ferroelectric Materials), Thin Films and Nanomaterials**

## Research Supervision / Guidance

Program of Study		Completed	Ongoing
Research	Ph.D.	Xx	03
	M.Phil.	09	01
Project	PG	15	05
	UG / Others	Xx	Xx

## Publications

International		National		Others
Journals	Conferences	Journals	Conferences	Books / Chapters / Monographs / Manuals
41	15	02	39	Xx

<b>Cumulative Impact Factor (as per JCR) :</b>	<b>48</b>
<b>h-index :</b>	<b>08</b>
<b>i10 index :</b>	<b>07</b>
<b>Total Citations :</b>	<b>214</b>

## Events organized in leading roles

Number of Seminars / Conferences / Workshops / Events organized:

1. Active Member of Organising Committee, NATIONAL SEMINOR on RECENT ADVANCES in PHYSICS, March 7-8, 2014.
2. Organizing Committee member National Seminar on Recent Advancements in Frontier Areas of Materials Science, 23-24, March, 2016.
3. Active Member of Organizing Committee, National Seminar on Advanced Materials Research, Alagappa University, 19<sup>th</sup> January, 2017.
4. Active Member of Organizing Committee, Business Oriented Hands-on Training on Analytical Instrumentation, 2-3<sup>rd</sup> March, 2017.
5. Active Member of Organizing Committee, National Conference on Futuristic Materials, 27-28<sup>th</sup> March, 2017.
6. Organizing Committee member International Conference on Momentous Role of Nanomaterials in Renewable Energy Devices, 1-2, March, 2018.
7. Organizing Committee member National conference on advanced materials for sustainable energy and sensors (NCAMSES), 1-2, March, 2018.

## Membership in

### Professional Bodies

1. Life Member: Indian Physics Association, Life Membership No. GEN/LM/13173
2. Life Member: Indian Laser Association.
3. Life Member: Society for Advancement of Electrochemical Science and Technology.

### Awards

1. Best Poster Presentation Award-2019, National conference on advanced materials for sustainable energy and sensors (NCAMSES) at Alagappa University, Karaikudi on 20-22<sup>nd</sup> March, 2019.
2. Best Poster Presentation Award-2016, National conference on advanced materials for sustainable energy and sensors (NCAMSES) at Alagappa University, Karaikudi on 20-22<sup>nd</sup> March, 2019

### Academic Bodies (such as Board of studies etc.,)

1. Member: Board of studies to frame M.Sc (Physics), M.Phil (Physics), Syllabi, Alagappa University.

### Department Developmental Activity

1. NSS Coordinator since 2016 to till date
2. Student Welfare Coordinator since 2016 to till date
3. Swatchh Bharath Coordinator since 2016 to till date.

## Resource persons in various capacities

Number of invited / Special Lectures delivered: 02

## Papers Presented International Conferences

1. R. Kaliammal, G. Parvathy, G. Maheswaran, **S. Sudhahar**, Crystal growth and characterization of 2-amino 6-methylpyridinium 3,4 -dimethoxybenzoate organic nonlinear optical single crystal, Participated and presented a poster in International symposium on modelling crystal growth processing and devices (MCGPD 2019) held at SSN institute of technology Chennai on 26-28 February 2019.
2. G. Parvathy, R. Kaliammal, K. Velsankar, **S. Sudhahar**, Synthesis, growth, spectral and optical properties of L-alanium p-hydroxybenzoate nonlinear optical single crystal,

- Participated and presented a poster in International symposium on modelling crystal growth processing and devices (MCGPD 2019) held at SSN institute of technology Chennai on 26-28 February 2019.
3. A. Carolin Amala, P. Iswarya, M. Krishnakumar, **S. Sudhahar**, 'Synthesis, growth, structural and optical properties of 8-hydroxyquinolinium 6-aminocaproate nonlinear optical single crystal', Participated and presented a poster in IC MNRE 2018 held at Alagappa University, Karaikudi, March 1-2, 2018.
  4. G. Parvathy, S. Muniyasamy, R. Kaliammal, **S. Sudhahar**, 'Synthesis, growth, spectral and optical properties of 2-aminopyridinium p-aminobenzoate nonlinear optical single crystal', Participated and presented an Oral in IC MNRE 2018 held at Alagappa University, Karaikudi, March 1-2, 2018.
  5. S. Sahaya Melba, R. Archana, A. Thirunavukkarasu, **S. Sudhahar**, 'Growth and characterization of nonlinear optical 4-dimethylamino pyridinium 4-aminobenzoate dihydrate single crystal', Participated and presented a poster in IC MNRE 2018 held at Alagappa University, Karaikudi, March 1-2, 2018.
  6. R. Archana, S. Sahaya Melba, A. Thirunavukkarasu, **S. Sudhahar**, 'Growth and third harmonic properties of bis-benzotriazole trichloro acetate nonlinear optical single crystal', Participated and presented a poster in IC MNRE 2018 held at Alagappa University, Karaikudi, March 1-2, 2018.
  7. R. Kaliammal, G. Parvathy, R. Mohan Kumar, **S. Sudhahar**, 'Crystal growth and characterization of 2-aminopyridinium salicylate organic nonlinear optical single crystal', Participated and presented an Oral in IC MNRE 2018 held at Alagappa University, Karaikudi, March 1-2, 2018.
  8. R. Velsankar, M. Muneeswari, R. Vallikkodi, **S. Sudhahar**, 'Synthesis, growth and characterization of piperazinium salicylate nonlinear optical single crystal', Participated and presented a poster in IC MNRE 2018 held at Alagappa University, Karaikudi, March 1-2, 2018.
  9. S. Muniyasamy, R. Kaliammal, G. Parvathy, **S. Sudhahar**, 'Synthesis, growth and characterization of 2-amino 6-methylpyridinium 6-aminocaproate nonlinear optical single crystal', Participated and presented a poster in IC MNRE 2018 held at Alagappa University, Karaikudi, March 1-2, 2018
  10. M. Krishna Kumar, **S. Sudhahar**, R. Mohan Kumar, 'Investigation on Spectral, Thermal and Dielectric Properties of DAST Crystal', Participated and presented a poster in International Conference Recent Trends in Applied Physics & Materials Science (RAM 2013) held at Govt. College of Engineering and Technology, Bikaner, Rajasthan, Feb 01-02, 2013.
  11. **S. Sudhahar**, M. Krishna Kumar, R. Mohan Kumar, 'Studies on structural, spectral and optical properties of organic nonlinear optical single crystal: 2-amino-4,6-dimethylpyrimidinium p-hydroxybenzoate', Participated and presented an Oral in International conference on Research, Perspectives and Procedures organized by SDNB Vaishnav College for Women, Chennai-44, during August 23-24, 2012.
  12. M. Krishna Kumar, **S. Sudhahar**, R. Mohan Kumar, 'Crystal growth, X-ray diffraction, spectroscopic, Optical studies on 4-bromo-4'-N'-methylstilbazolium tosylate single crystals', Participated and presented an Oral in International conference: Research:

Perspectives & Procedures held at SDNB Vaishnav college for Women, Chennai 23-24 August 2012.

13. **S. Sudhahar**, M. Krishna Kumar, R. Mohan Kumar, 'Effect of  $\text{Sm}^{3+}$  ion on structural, thermal, mechanical, linear and nonlinear optical properties of potassium hydrogen phthalate single crystals', Participated and presented a poster in International Conference on Materials Science and Technology (ICMST-2012) held at St. Thomas College, Pala, Kerala, during June 10-14, 2012.
14. **S. Sudhahar**, M. Krishna Kumar, P. Pandi, R. Mohan Kumar, 'Investigation on rare earth doped nonlinear optical potassium hydrogen phthalate single crystals', Participated and presented a poster in International conference on Recent Trends in Advanced Materials (ICRAM-2012) held at VIT University, Vellore, during February 20-22, 2012.
15. M. Krishna Kumar, **S. Sudhahar**, R. Mohan Kumar, 'Growth and characterization of inorganic nonlinear optical Lithium sodium Sulfate hydrate single crystals', Participated and presented a poster in International Conference on Advanced Materials ICAM 2012 held at Department of Physics, Loyola College, Chennai, January, 5-7, 2012.

### Papers Presented National Conferences

1. G. Parvathy, R. Kaliammal, G. Maheshwaran, **S. Sudhahar**, Studies on the spectral and optical properties of organic non-linear optical L-alaninium 3,5 dinitrobenzoate (LADN) single crystal, Participated and presented a poster in National conference on Advanced materials for sustainable energy and sensors (NCAMSES) at Alagappa University, Karaikudi on 20-22<sup>nd</sup> March, 2019.
2. R. Kaliammal, G. Parvathy, **S. Sudhahar**, Synthesis, growth, spectral and optical optical properties of 2-amino 6-methylpyridinium benzilate organic nonlinear optical single crystal, Participated and presented a poster in National conference on Advanced materials for sustainable energy and sensors (NCAMSES) at Alagappa University, Karaikudi on 20-22<sup>nd</sup> March 2019.
3. K. Velsankar, V. Muthulakshmi, G. Maheshwaran, **S. Sudhahar**, Second order nonlinear optical characterization of vanillium 3,4- Dimethoxybenzoate organic single crystal, Participated and presented an Oral in National conference on Advanced materials for sustainable energy and sensors (NCAMSES) at Alagappa University, Karaikudi on 20-22<sup>nd</sup> March 2019.
4. G. Maheswaran, U. Karuppasamy, K. Velsankar, **S. Sudhahar**, Structural and nonlinear optical properties of 8-hydroxyquinolium 6- aminocaproate non –centrosymmetric single crystal, Participated and presented a poster in National conference on Advanced materials for sustainable energy and sensors (NCAMSES) at Alagappa University, Karaikudi on 20-22<sup>nd</sup> March 2019.
5. V. Atchaya, K. Velsankar, K. Rajiyabegam, **S. Sudhahar**, Crystal growth and characterization of a succinate vanillium organic nonlinear optical single crystal, Participated and presented a poster in National conference on Advanced materials for sustainable energy and sensors (NCAMSES) at Alagappa University, Karaikudi on 20-22<sup>nd</sup> March 2019.

6. M. Karthika, G. Parvathy, G. Maheswaran, **S. Sudhahar**, Synthesis, growth, structural and optical properties of 5-chlorosalicylate 2-aminopyridinium nonlinear optical single crystal, Participated and presented a poster in National conference on Advanced materials for sustainable energy and sensors (NCAMSES) at Alagappa University, Karaikudi on 20-22<sup>nd</sup> March 2019.
7. K. Rajiyabegam, R. Kaliammal, G. Parvathy, **S. Sudhahar**, Synthesis, growth, optical and second harmonic generation studies of 2-amino 6-methylpyridinium barbutriate organic nonlinear optical single crystal, Participated and presented a poster in National conference on Advanced materials for sustainable energy and sensors (NCAMSES) at Alagappa University, Karaikudi on 20-22<sup>nd</sup> March 2019
8. R. Mangala Bharathi, V. Vinothini, **S. Sudhahar**, Synthesis, crystal growth, structural and optical properties of 2-amino 6-methylpyridinium myristiate nonlinear optical single crystal, Participated and presented a poster in National conference on Advanced materials for sustainable energy and sensors (NCAMSES) at Alagappa University, Karaikudi on 20-22<sup>nd</sup> March 2019.
9. G. parvathy, R.Kaliammal, K.Velsankar, **S. Sudhahar**, Synthesis, Growth and characterization of piperazinium p-hydroxybenzoate nonlinear optical single crystal, Participated and presented an Oral in National seminar on recent advanced materials and applications (RAMA 2019) at Theivanaiammal college for women Viluppuram on 6<sup>th</sup> February 2019.
10. R. Kaliammal, G. parvathy, G.Maheswaran, **S. Sudhahar**, Synthesis, growth, structural and optical properties of 2-amino 6-methylpyridinium 6-aminocaproate nonlinear optical single crystal, Participated and presented an Oral in National seminar on recent advanced materials and applications (RAMA 2019) at Theivanaiammal college for women Viluppuram on 6<sup>th</sup> February 2019.
11. S. Anusiya, G. Parvathy, M. Periyayaki, A. Savari Rajeev, **S. Sudhahar**, ‘Synthesis, growth, structural and optical properties of 8-Hydroxyquinolinium p-hydroxybenzoate nonlinear optical single crystal’, participated and presented in national conference on futuristic materials, held at Department of Physics, Aalagappa University, Karaikudi, March 27-28, 2017.
12. R. Krishna, S. Sivaranjani, S. Muniyasamy, **S. Sudhahar**, ‘Synthesis, growth, spectral, thermal, mechanical and optical properties of piperidinium p-chlorobenzoate nonlinear optical single crystal’, participated and presented in national conference on futuristic materials, held at Department of Physics, Alagappa University, Karaikudi, March 27-28, 2017.
13. G. Parvathy, M. Periyayaki, S. Anusiya, S. Muniyasamy, **S. Sudhahar**, ‘Synthesis, growth, spectral and optical properties of piperazinium p-hydroxybenzoate nonlinear optical single crystal’, participated and presented in national conference on futuristic materials, held at Department of Physics, Alagappa University, Karaikudi, March 27-28, 2017.
14. M. Periyayaki, S. Anusiya, G. Parvathy, A. Savari Rajeev, **S. Sudhahar**, ‘Synthesis, crystal growth, structural, spectral, thermal and optical properties of 8-Hydroxyquinolinium 5-chlorosalicylate nonlinear optical single crystal’, participated

- and presented in national conference on futuristic materials, held at Department of Physics, Alagappa University, Karaikudi, March 27-28, 2017.
15. S. Sivaranjani, S. Muniyasamy, R. Krishna, A. Savari Rajeev, **S. Sudhahar**, 'Synthesis, growth, spectral, thermal, mechanical and optical properties of 2-Aminopyridinium p-chlorobenzoate nonlinear optical single crystal', participated and presented in national conference on futuristic materials, held at Department of Physics, Alagappa University, Karaikudi, March 27-28, 2017.
  16. A. Savari Rajeev, R. Earnast Amala, S. Anusiya, **S. Sudhahar**, 'Third Harmonic Properties Of 2-Phenylethylammonium p-Nitrophenolate Monohydrate Nonlinear Optical Single Crystals', Participated and presented in National Seminar on Advanced Materials Research (AMR) held at Department of Physics, Alagappa University, Karaikudi, January 19, 2017.
  17. S. Muniyasamy, M. Periyanyaki, **S. Sudhahar**, 'Effect of rare earth Yttrium doped triglycine sulphate single crystals and its characterization', Participated and presented in National Seminar on Advanced Materials Research (AMR) held at Department of Physics, Alagappa University, Karaikudi, January 19, 2017.
  18. G. Parvathy, R. Krishna, S. Sivaranjani, **S. Sudhahar**, 'Synthesis, growth, structural, thermal and third order nonlinear optical studies of 2-phenyl-ethanaminium 3-carboxyprop-2-enoate single crystals', participated and presented in national seminar on advanced materials research (AMR) held at Department of Physics, Alagappa University, Karaikudi, January 19, 2017.
  19. M. Krishna Kumar, **S. Sudhahar**, R. Mohan Kumar, 'Crystal growth and optical studies of 4-hydroxy-4'-N'- methylstilbazolium tosylate single crystals for nonlinear optical applications', Participated and presented in 22<sup>nd</sup> DAE-BRNS National Laser Symposium held at MIT, Manipal University, Manipal, Karnataka, Jan 7-11, 2014.
  20. M. Krishna Kumar, **S. Sudhahar**, R. Mohan Kumar, 'Synthesis, Crystal growth and optical studies of Urea 2-hydroxy 5- sulfobenzoate single crystal', Participated and presented in XVIII National Seminar on Crystal Growth held at Centre for Crystal Growth, SSN College of Engineering, Chennai, 24-26, February 2014.
  21. M. Krishna Kumar, **S. Sudhahar**, R. Mohan Kumar, 'Synthesis, crystal growth and characterization of pi-conjugated stilbazolium 4-hydroxy-3-methoxy-4'- N'-methylstilbazolium tosylate monohydrate crystals', Participated and presented in National Seminar on Recent Advances in Physics held at Department of Physics, Presidency College, Chennai, 7-8, March 2014.
  22. **S. Sudhahar**, M. Krishna Kumar, R. Mohan Kumar, '2-Phenylethylammonium p-hydroxybenzoate: Growth, structural, spectral, thermal, optical and mechanical characterization', Participated and presented in National Seminar on Recent Advances in Physics held at Department of Physics, Presidency College, Chennai, 7-8, March 2014.
  23. **S. Sudhahar**, I. MD Zahid, M. Krishna Kumar, R. Mohan Kumar, 'Crystalline perfection, birefringence and laser damage threshold properties of piperidinium p-hydroxybenzoate', Participated and presented in 59<sup>th</sup> DAE-Solid State Physics Symposium held at VIT University, Vellore, 16-20, December 2014.

24. M. Krishna Kumar, **S. Sudhahar**, R. Mohan Kumar, 'Crystal growth and optical properties of 4-hydroxy-3-methoxy-4'-N'-methylstilbazolium tosylate monohydrate crystals', Participated and presented in 21<sup>st</sup> DAE-BRNS National Laser Symposium (NLS-21) held at Bhabha Atomic Research Centre, Mumbai, February 06-09, 2013.
25. M. Krishna Kumar, **S. Sudhahar**, R. Mohan Kumar, 'Growth and electrical properties on NLO crystal: 4-N,N-dimethylamino 4-N-methylstilbazolium iodide', Participated and presented in 58<sup>th</sup> DAE-BRNS Solid State Symposium held at Thapar University, Patiala, Punjab, Dec 17-21, 2013.
26. **S. Sudhahar**, M. Krishna Kumar, R. Mohan Kumar, 'Synthesis, crystal growth, structural, spectral, thermal, optical and mechanical properties of solution grown 4-methylpyridinium 4-hydroxybenzoate single crystal', Participated and presented a poster in 21<sup>st</sup> DAE-BRNS National Laser Symposium (NLS-21), at Bhabha Atomic Research Centre, Mumbai-400 085, during February 06-09, 2013.
27. **S. Sudhahar**, M. Krishna Kumar, R. Mohan Kumar, '2-phenylethylammonium p-hydroxybenzoate: Synthesis, structural, spectral, thermal, optical and mechanical characterization', Participated and presented a poster in Twenty Fourth National Seminar on Crystal Growth, organized by Crystal Growth Centre, Anna University, Chennai-25, during December 20-22, 2012.
28. M. Krishna Kumar, **S. Sudhahar**, R. Mohan Kumar, 'Synthesis, Crystal Growth, Structural and optical studies of Third-Order Nonlinear Optical Crystal: 4-Methyl-4'-N'-Methylstilbazolium Tosylate', Participated and presented in Twenty Fourth National Seminar on Crystal Growth held at Crystal Growth Centre, Anna University, Chennai December 20-22, 2012.
29. M. Krishna Kumar, **S. Sudhahar**, R. Mohan Kumar, 'Investigation on the growth and Optical Properties of the DAST crystal', Participated and presented in National conference on Spectrophysics 2012 held at Indian Spectrophysics Association, Chennai March 7-8, 2012.
30. **S. Sudhahar**, M. Krishna Kumar, R. Mohan Kumar, 'Crystal growth, spectral, optical, thermal and mechanical properties of piperidinium p-hydroxybenzoate single crystal', Participated and presented a poster in National conference on Spectrophysics 2012, organized by Indian Spectrophysics Association, Chennai-30, during March 7-8, 2012.
31. M. Krishna Kumar, **S. Sudhahar**, R. Mohan Kumar, 'Growth and characterization of Inorganic nonlinear optical lithium sodium sulfate hexahydrate single crystals', Participated and presented in DAE-BRNS National Laser Symposium (NLS-20) held at Crystal Growth Centre, Anna University, Chennai January 9-12, 2012.



## Short-Courses/ Workshops Participated

1. **S. Sudhahar**, Participated in seminar on ‘Awareness workshop on nanoscience and nanotechnology’, organized by Science city from 24<sup>th</sup> to 27<sup>th</sup>, August 2010 at the Science City, Chennai.
2. **S. Sudhahar**, Participated in ‘One day Seminar on 50 years of Lasers’, held at Department of Physics, RKM Vivekananda College, Chennai-600004 on 19<sup>th</sup> February 2011
3. **S. Sudhahar**, Participated in Short course on ‘Crystal Growth and characterization of Laser Materials’, Organised by Indian Laser Association, January 07-08, 2012 at Crystal Growth Centre, Anna University, Chennai.
4. **S. Sudhahar**, Participated in 20<sup>th</sup> DAE–BRNS National Laser Symposium (NLS-20), at Crystal Growth Centre, Anna University, Chennai-600025, during January 09-12, 2012.
5. **S. Sudhahar**, Participated in National conference on ‘GREEN CHEMISTRY’, held on 10<sup>th</sup> February 2012 at Department of Chemistry, Presidency College, Chennai.
6. **S. Sudhahar**, Participated in ‘National Seminar on Emerging Trends in Physics’, Organized by Department of Physics, Government Arts College, Nandanam, Chennai-600035 on 29<sup>th</sup> February 2012
7. **S. Sudhahar**, Participated in seminar on ‘Higgs Boson and Neutrino’, held on 7<sup>th</sup> December 2012 at Department of Nuclear Physics, University of Madras, Chennai-600025.
8. **S. Sudhahar**, Participated in Science Academies Lecture workshop on “Topics in Theoretical Physics”, Organized by Department of Physics, Presidency College, Chennai-600005 on 10-11 March 2014

## Recent Publications

<b>2019 (1)</b>		
<b>43</b>	R. Ranjithkumar, S. Ezhil Arasi, <b>S. Sudhahar</b> , N. Nallamuthu, P. Devendran, P. Lakshmanan, M. Krishna Kumar	1.874
	Enhanced electrochemical studies of ZnO/CNT nanocomposite for supercapacitor devices	
	DOI: 10.1016/j.physb.2019.05.025	
<b>2018 (04)</b>		
<b>42</b>	R. Kaliammal, V. Muthulakshmi, R. Archana, J. Sahaya Melba, R. Mohan kumar, <b>S. Sudhahar</b>	5.71
	Crystal growth and characterization of 2-aminopyridinium salicylate organic nonlinear optical single crystal	
	IJAERD, Vol.5, pp.1-7, 2018	
<b>41</b>	S. Muniyasamy, G. Rajasekar, P. Iswarya, M. Muneeswari, M. Vallikkodi, <b>S. Sudhahar</b>	5.71
	Synthesis, growth and characterization of 2-amino 6-methylpyridinium 6-aminocaproate Nonlinear optical single crystal	
	IJAERD, Vol.5, pp.1-9, 2018	
<b>40</b>	G. Parvathy, V. Muthulakshmi, K. Velsankar, A. Carolin Amala, M. Krishna Kumar, <b>S. Sudhahar</b>	5.71
	Synthesis, growth, spectral and optical properties of 2-aminopyridinium p-aminobenzoate nonlinear optical Single crystal	
	IJAERD, Vol.5, pp.1-6, 2018	
<b>39</b>	M. Vallikodi, <b>S. Sudhahar</b>	0.571
	Crystal growth and characterization of piperazinium p-chlorobenzoate	
	Discovery Science, Vol.14, pp.28-35, 2018.	
<b>2017 (02)</b>		
<b>38</b>	S. Sudhahar, V. Muthulakshmi, S. Muniyasamy, A. Savari Rajeev, R. Krishna, R. Mohan Kumar	
	Synthesis, nucleation kinetics, growth and characterization of Bis (Thiourea) cadmium nitrate nonlinear optical single crystals	
	Journal of Physical Sciences, Vol.1, pp.59-69, 2017	
<b>37</b>	P. Sivakumar, C. Anzline, <b>S. Sudhahar</b> , S. Isreal, G. Chakkaravarthi	0.347
	2-Amino-3-methylpyridinium hydrogen phthalate	
	IUCr Data, Vol.2, pp.170422, 2017	
<b>2016 (13)</b>		
<b>36</b>	N. Swarna Sowmya, S. Sampathkrishnan, <b>S. Sudhahar</b> , M. Krishna Kumar, R. Mohan kumar	1.914
	Synthesis, growth, structural, optical, thermal, dielectric and mechanical studies of	

	piperidinium p-nitrophenolate single crystals	
	Optik International Journal for Light and Electron Optics, Vol.127, pp.3024-3029, 2016	
<b>35</b>	K. Sathesh Kumar, P. Srinivasan, <b>S. Sudhahar</b>	1.914
	Effect of rare earth Nd <sup>+</sup> ion on the growth, structural, spectral, optical and mechanical properties of piperidinium p-hydroxybenzoate single crystals	
	Optik International Journal for Light and Electron Optics, Vol.127, pp.1087-1093, 2016	
<b>34</b>	P. Sivakumar, <b>S. Sudhahar</b> , S. Isreal, G. Chakkaravarthi	0.347
	2-Amino-4-methylpyridinium 4-hydroxybenzoate	
	IUCr Data, Vol.1, pp.161425, 2016	
<b>33</b>	P. Sivakumar, <b>S. Sudhahar</b> , S. Isreal, G. Chakkaravarthi	0.347
	Bis(2-amino-6-methylpyridinium) 3-nitrobenzene-1,2-dicarboxylate	
	IUCr Data, Vol.1, pp.161233, 2016	
<b>32</b>	P. Sivakumar, <b>S. Sudhahar</b> , S. Isreal, G. Chakkaravarthi	0.347
	2-Amino-4-methylpyridinium 2-(4-nitrophenyl)-acetate	
	IUCr Data, Vol.1, pp.161203, 2016	
<b>31</b>	P. Sivakumar, <b>S. Sudhahar</b> , S. Isreal, G. Chakkaravarthi	0.347
	2-Methylpyridinium 2-carboxy-6-nitrobenzoate	
	IUCr Data, Vol.1, pp.161104, 2016	
<b>30</b>	P. Sivakumar, <b>S. Sudhahar</b> , S. Isreal, G. Chakkaravarthi	0.347
	2-Amino-4-methylpyridinium 2-(3-methylphenyl)-acetate	
	IUCr Data, Vol.1, pp.161098, 2016	
<b>29</b>	G. Rajasekar, P. Vinothkumar, <b>S. Sudhahar</b> , G. Chakkaravarthi, A. Bhaskaran	0.347
	catena-Poly[[sodium-di-l-aqua-l -(boric acid)-l-succinato-sodium-di-l-aqua] boric acid monosolvate]	
	IUCr Data, Vol.1, pp.160948, 2016	
<b>28</b>	P. Sivakumar, A. Mani, <b>S. Sudhahar</b> , S. Isreal, G. Chakkaravarthi	0.347
	Piperazin-1-ium 4-aminobenzoate monohydrate	
	IUCr Data, Vol.1, pp.160819, 2016	
<b>27</b>	P. Sivakumar, <b>S. Sudhahar</b> , B. Gunasekaran, S. Isreal, G. Chakkaravarthi	0.347
	2-Methylpyridinium 2-carboxybenzoate-benzene-1,2-dicarboxylic acid (2/1)	
	IUCr Data, Vol.1, pp.160817, 2016	
<b>26</b>	<b>S. Sudhahar</b> , K. Sankaranarayanan, G. Ravi, R. Mohan Kumar, G. Chakkaravarthi	0.347
	3-Carboxy-2-(piperidin-1-ium-1-yl)propanate	

	IUCr Data, Vol.1, pp.160748, 2016	
<b>25</b>	P. Sivakumar, <b>S. Sudhahar</b> , S. Isreal, G. Chakkaravarthi	0.347
	2-Amino-6-methylpyridinium 2-hydroxybenzoate	
	IUCr Data, Vol.1, pp.160747, 2016	
<b>24</b>	P. Sivakumar, <b>S. Sudhahar</b> , S. Isreal, G. Chakkaravarthi	0.347
	4-Aminobenzoic acid–quinoline (1/1)	
	IUCr Data, Vol.1, pp.160604, 2016	
<b>2015 (3)</b>		
<b>23</b>	K. Sathesh Kumar, S. Ranjith, <b>S. Sudhahar</b> , P. Srinivasan, N. Ponnuswamy	0.347
	Crystal structure of piperazine-1,4-dium bis(4-aminobenzenesulfonate)	
	Acta Cryst. Vol.E71, pp.o1084-01085, 2015	
<b>22</b>	M. Krishna Kumar, P. Pandi, <b>S. Sudhahar</b> , G. Chakkaravarthi, R. Mohan Kumar	0.347
	4-(4-Bromostyryl)-1-methylpyridinium tosylate	
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