

List of Publications

1981-87

1. Spirocyclic Compounds Derived from the Reactions of $N_3P_3Cl_6$ and $N_4P_4Cl_8$ with Difunctional Reagents

V. Chandrasekhar, S. S. Krishnamurthy, A. R. Vasudeva Murthy, R. A. Shaw, M. Woods

Inorg. Nucl. Chem. Lett. **1981**, 17, 181-185

2. Metal Complexes of Aminocyclophosphazenes

V. Chandrasekhar, S. S. Krishnamurthy, M. Woods

ACS Symp. Series Phosphorus **1981**, 171, 481-485

3. Reactions of Hexachlorocyclotriphosphazatriene with N-methyl ethanolamine: X-ray Crystal Structure of a Dispirocyclotriphosphazatriene, $N_3P_3[NMeCH_2CH_2O]_2Cl_2$

V. Chandrasekhar, S.S. Krishnamurthy, H. Manohar, A.R. Vasudeva Murthy, R.A. Shaw, M. Woods

J. Chem. Soc. Dalton Trans. **1984**, 621-625

4. Adducts of Silicon tetrafluoride with Aminocyclophosphazenes: Synthesis and Characterization

B. S. Suresh, **V. Chandrasekhar**, D. K. Padma

J. Chem. Soc. Dalton Trans. **1984**, 1787-1790

5. Pentacoordinated Structures of Triphenyltin Esters of Anthranilic Acid and *p*-Aminobenzoic Acid Formed by Intramolecular Carboxylate Group Coordination

R. G. Swisher, J. F. Vollano, **V. Chandrasekhar**, R. O. Day, R. R. Holmes

Inorg. Chem. **1984**, 23, 3147-3152

6. Intramolecularly Formed Pentacoordinated Structures of Triphenyltin Esters of Salicylic Acid, *o*-Anisic Acid and *p*-Methylthiobenzoic Acid.

J. F. Vollano, R. O. Day, D. N. Rau, **V. Chandrasekhar**, R. R. Holmes.

Inorg. Chem. **1984**, 23, 3153-3160.

7. Some Reactions of Octachlorocyclotetraphosphazene with Aliphatic Difunctional Reagents.

V. Chandrasekhar, S. Karthikeyan, S. S. Krishnamurthy, M. Woods.

Ind. J. Chem. **1985**, 24a, 379-383.

8. A new structural form of tin octahedrally coordinated in a drum shaped molecule.

V. Chandrasekhar, R.O. Day, R.R. Holmes

Inorg. Chem. **1985**, 24, 1970-1971

9. Synthesis and Molecular Structure of Five coordinated Spirocyclic Anionic Silicates Containing *t*-Butyl Groups. Hydrogen Bonding Effects
R. R. Holmes, R. O. Day, **V. Chandrasekhar**, J. M. Holmes
Inorg. Chem. **1985**, *24*, 2009-2015.
10. Acyclic Substituent Effects on the Molecular Structure of Cyclic Containing Five Coordinated Anionic Silicates. A Model for Nucleophilic Substitution at Silicon
R. R. Holmes, R. O. Day, **V. Chandrasekhar**, J. J. Harland, J. M. Holmes
Inorg. Chem. **1985**, *24*, 2016-2020
11. New Ring Systems of Elements of Main Groups IV and V
R. R. Holmes, R. O. Day, **V. Chandrasekhar**, S. Shafiezzad, J. J. Harland, D. N. Rau, J. M. Holmes
Phosphorus and Sulphur. **1986**, *28*, 91-98
12. Discrete, Dimeric and Polymeric Structures of Triphenyltin Esters of Chlorobenzoic Acids
R. R. Holmes, R. O. Day, **V. Chandrasekhar**, J. F. Vollano, J. M. Holmes
Inorg. Chem. **1986**, *25*, 2490-2494
13. Chain Structures of Trimethyltin Esters of Salicylic Acid and *o*-Anisic Acid: Tin-119 Mössbauer Study of a Series of Trimethyltin Carboxylates
P. J. Smith, R. O. Day, **V. Chandrasekhar**, J. M. Holmes, R. R. Holmes
Inorg. Chem. **1986**, *25*, 2495-2499
14. A New Structural Form of Tin in an Oxygen Capped Cluster
R. O. Day, J. M. Holmes, **V. Chandrasekhar**, R. R. Holmes
J. Am. Chem. Soc. **1987**, *109*, 940-941
15. Oxo Carboxylate Tin Ladder Clusters. A New Structural Class of Organotin Compounds
R. R. Holmes, C. G. Schmid, **V. Chandrasekhar**, R. O. Day, J. M. Holmes.
J. Am. Chem. Soc. **1987**, *109*, 1408-1414
16. New Drum and Ladder Organotin Carboxylates
V. Chandrasekhar, C. G. Schmid, S. D. Burton, J. M. Holmes, R. O. Day, R. R. Holmes
Inorg. Chem. **1987**, *26*, 1050-1056
17. Formation and Structure of Cyclic Five Coordinated Antimony Derivatives. The First Square Pyramidal Geometry for a Bicyclic Stiborane
R. R. Holmes, R. O. Day, **V. Chandrasekhar**, J. M. Holmes
Inorg. Chem. **1987**, *26*, 157-163
18. Distortion Coordinate for Non-rigid Five Coordinated Antimony. Synthesis and Structure of Oxygen and Sulphur Containing Cyclic Organo Stiboranes

R. R. Holmes, R. O. Day, **V. Chandrasekhar**, J. M. Holmes
Inorg. Chem. **1987**, *26*, 163-168

19. Sterically Hindered Pentacoordinated Phosphorus and Silicon Compounds
R. R. Holmes, **V. Chandrasekhar**, R. O. Day, J. J. Harland, J. S. Payne
Phosphorus Sulfur Silicon and Related Elements . **1987**, *30*(1-2), 409-412

1988-93

20. New Five and Six Coordinated Anionic Tin(IV) complexes. Molecular Structures of Spirocyclic Stannates with Mixed Ligands
R. R. Holmes, S. Shafiezzad, **V. Chandrasekhar**, A. C. Sau, J. M. Holmes, R. O. Day
J. Am. Chem. Soc. **1988**, *110*, 1168-1174

21. Hydrolysis Reactions Leading to Ring Containing Hexa Coordinated Distannoxanes. Tin-Sulphur vs Tin-Oxygen Bonding
R. R. Holmes, S. Shafiezzad, **V. Chandrasekhar**, J. M. Holmes, R. O. Day
J. Am. Chem. Soc. **1988**, *110*, 1174-1180

22. Recent Developments in Ziegler-Natta Catalysts for Olefin Polymerization and their Processes
V. Chandrasekhar, P. R. Srinivasan, S. Sivaram
Ind. J. Tech. **1988**, *26*, 53-82

23. Mononuclear and Tetranuclear Diorganotin(IV) Carboxylates from the Reaction of Dimethyltin Oxide with Anthranilic Acid and its *p*-Amino Isomer
V. Chandrasekhar, R. O. Day, J. M. Holmes, R. R. Holmes
Inorg. Chem. **1988**, *27*, 958-964

24. A New Class of Oligomeric Organotin Compounds
R. R. Holmes, R. O. Day, **V. Chandrasekhar**, C. G. Schmid, K. C. Kumaraswamy, J. M. Holmes
A. C. S. Symposium Series. **1988**, *360*, 469-482

25. Novel Drums and Mixed Drum Organotin Clusters from Carboxylic, Phosphinic and Phosphoric Acids
R. O. Day, **V. Chandrasekhar**, K. C. Kumaraswamy, J. M. Holmes, S. D. Burton, R. . Holmes
Inorg. Chem. **1988**, *27*, 2887-2893

26. Distortion Coordinate for Five Coordinated Tin. A Model for Nucleophilic Substitution. Synthesis and Structures of Hypervalent Anionic Cyanoethylene Dithiolato Stannates.
R. O. Day, J. M. Holmes, S. Shafiezzad, **V. Chandrasekhar**, R. R. Holmes.
J. Am. Chem. Soc. **1988**, *110*, 5377-5383

27. Reactions of Hexachlorocyclotriphosphazene with 1,2 - Diaminopropane.
V. Chandrasekhar, N. S. Reddy
Heterocycles **1989**, 28(2), 611-614
28. Synthesis and Structure of Novel Azo Dyes with Short Intramolecular Se-N Contacts.
V. Chandrasekhar, T. Chivers, J. Fait, S. S. Kumaravel
J. Am. Chem. Soc. **1990**, *112*, 5374-5375.
29. Pentacoordinate Acyclic and Cyclic Anionic Oxysilicates - A ²⁹Si NMR and X-ray Structural Study
K. C. Kumaraswamy, **V. Chandrasekhar**, J. J. Harland, J. M. Holmes, R. O. Day, R. R. Holmes
J. Am. Chem. Soc. **1990**, *112*, 2341-2348
30. Molecular assemblies of organooxotin clusters
V. Chandrasekhar, M.G. Muralidhara
Current Science. **1991**, *60*, 158-165 (invited article)
31. Reactions of Tri-*n*-butyl and Di-*n*-butyltin Oxides with Carboxylic acids-Formation of Chain and Ladder Organotin Carboxylates
M. G. Muralidhara, **V. Chandrasekhar**
Ind. J. Chem. **1991**, *30A*, 487-492
32. Cyclophosphazene Linked Tetraphenyl Porphyrins
I. I. Selvaraj, **V. Chandrasekhar**, T. K. Chandrasekhar, N. S. Reddy.
Heterocycles **1991**, *32*, 703-710
33. Non-metal Porphyrins: Reactions of PCl₃, POCl₃ and PhPOCl₂ with Tetraphenyl Porphyrin-Spectroscopic and Electrochemical studies
R. P. S. Pandian, T. K. Chandrasekhar, **V. Chandrasekhar**
Ind. J. Chem. **1991**, *30A*, 579-583
34. Reactions of Difunctional Reagents with Chlorocyclophosphazenes.
V. Chandrasekhar, M. G. Muralidhara, I. I. Selvaraj.
Heterocycles. **1990**, *31*, 2231-2266
35. Organic Polymers with Cyclophosphazene Pendant Groups
I. I. Selvaraj, **V. Chandrasekhar**
Polymer Science (Ed. S. Sivaram, Tata McGraw Hill, 1990). *1*, 60-64
36. Preparation of 1,1,5,5-Tetraphenyl,3,7-diaryl,1,5-diphosphatetraazocines and 1,1,3,3,5-Pentaphenyldiphosphatriazine and X-ray Structure of 1,5-Ph₄P₂N₄C₂(C₆H₄CH₃-4)₂

V. Chandrasekhar, T. Chivers, S. S. Kumaravel, M. Meetsma, J. C. Van de Grampel.
Inorg. Chem. **1991**, *30*, 3402-3407

37. Reactions of N,N,N-Tris(trimethylsilyl)benzamidine with Organochalcogen Halides: The Formation of Diazenes via the Resonance Stabilized Radical $\text{PhCN}_2(\text{EPh}_2)$ and the X-ray Structures of $\text{PhCN}_2(\text{SCCl}_3)_3$ and *trans*- $\text{MeSeN}(\text{Ph})\text{CN}=\text{NC}(\text{Ph})\text{SeMe}$.

V. Chandrasekhar, T. Chivers, S. S. Kumaravel, M. Parvez, M. N. Sudheendra Rao.
Inorg. Chem. **1991**, *30*, 4125-4130

38. Reactions of Hexachlorocyclotriphosphazatriene with N-Methyl-1,3-diaminopropane: Isolation of Spirocyclic and not Intermolecular Bridged Products

V. Chandrasekhar, M. G. Muralidhara, N. S. Reddy
Heterocycles. **1992**, *33*, 111-115

39. Isolation and X-ray Crystal Structure of $\text{Ph}_3\text{SnO}_2\text{SePh}$; The First Example of an Organotin Ester of Phenyl Seleninic Acid

V. Chandrasekhar, M. G. Muralidhara, K. R. Justin Thomas, E. R. T. Tiekink
Inorg. Chem. **1992**, *31*, 4707-4708

40. Synthesis and Conductivity Studies of Poly(methoxy ethoxy ethyl)-methacrylate. LiCF_3SO_3

I. I. Selvaraj, P. Manoravi, **V. Chandrasekhar**. In **Solid State Ionics: Material and Applications:**

Eds. B. V. R. Chowdari, S. Chandra, S. Singh, P. C. Srivastava. (*World Scientific, Singapore*) **1992**, 591-597

41. Structure of 2,2,4,4,6-Pentaphenyl-2,4,1,3,5-diphosphatriazine- A 6-Membered $\text{P}_2\text{N}_3\text{C}$ ring

V. Chandrasekhar, T. Chivers, M. Parvez
Acta Cryst. Sect C. **1993**, *49*: 393-394

42. Conductivity Studies of New Polymer Electrolytes Based on Polyethyleneglycol(PEG)-sodium iodide System

P. Manoravi, I. I. Selvaraj, **V. Chandrasekhar**, K. Shahi
Polymer. **1993**, *34*, 1339-1341

43. Coordination and Organometallic Chemistry of Cyclophosphazenes.

V. Chandrasekhar, K. R. Justin Thomas
Appl. Organomet. Chem. **1993**, *7*, 1-31

44. Unusual Tridentate N_3 Capping Coordination Behaviour of Hexakis(3,5-dimethylpyrazolyl)-cyclophosphazene, $\text{N}_3\text{P}_3(3,5\text{-Me}_2\text{Pz})_6$: Synthesis, Spectroscopy and Electrochemistry of Mono- and Dinuclear Copper(II) Complexes and the X-ray structure of $\text{N}_3\text{P}_3(3,5\text{-Me}_2\text{Pz})_6\cdot\text{CuCl}_2$

K. R. Justin Thomas, **V. Chandrasekhar**, Parthasarathy Pal, S. R. Scott, R. Hallford, A. W. Cordes

Inorg. Chem. **1993**, 32, 606-611

45. Recent Aspects in the Structure and Reactivity of Cyclophosphazenes

V. Chandrasekhar, K. R. Justin Thomas

Structure and Bonding **1993**, 81, 41-113

46. Short Side Chain Poly(oligo oxy ethylene) Acrylates as Polymer Electrolytes: Synthesis and Ionic Conductivity of Poly(methoxy ethoxy ethyl)methacrylate. LiClO₄

I. I. Selvaraj, S. Chacklanobis, V. Chandrasekhar

J. Polym. Sci. Polym. Chem. **1993**, 31, 2643-2646

47. Reaction of 1,3-Butanediol with Hexachlorocyclotriphosphazenes: Unusual Non-equivalence of Phosphorus Nuclei in the Spirocyclic Product, N₃P₃Cl₄[OCH(Me)CH₂CH₂O]

M. G. Muralidhara, N. Grover, V. Chandrasekhar

Polyhedron **1993**, 12, 1509-1513

48. Synthesis and Spectroscopy of Mono- and Dinuclear Copper Complexes of a Pyrazolyl Cyclotriphosphazene. Crystal Structure of an Unusual Cyclotriphosphazene Bridged Dicopper complex

K. R. Justin Thomas, V. Chandrasekhar, S. R. Scott, R. Hallford, A. W. Cordes

J. Chem. Soc. Dalton Trans. **1993**, 2589-2594

1994-1997

49. Polymeric Ligands Based on Pyrazolyl Cyclophosphazene Structural Motifs

K. Vivekanandan, V. Chandrasekhar

Polym. Sci. Ed. I. S. Bharadwaj. **1994**, 1, 473-6

50. New Hybrid Organic-inorganic Polymers Containing Cyclophosphazene Pendant Groups.

E. Sampath Kumar, I. I. Selvaraj, V. Chandrasekhar

Polym. Sci. Ed. I. S. Bharadwaj. **1994**, 1, 470-2

51. Oligoethoxy Side-chain Containing Polyphosphazenes: Materials for Ion Transport.

I. I. Selvaraj, S. Chaklanobis, V. Chandrasekhar

Polym. Sci. Ed. I. S. Bharadwaj. **1994**, 1, 403-6

52. Synthesis and Characterization of Mononuclear Ni(II) and Co(II) Complexes of 2,2-Diphenyl,4,4,6,6-tetrakis(3,5-dimethyl pyrazolyl)cyclotriphosphazene: X-ray Structure of [Ni(TPCTP)Cl₂]

K. R. Justin Thomas, P. Tharmaraj, V. Chandrasekhar, E. R. T. Tiekink

J. Chem. Soc. Dalton Trans. **1994**, 1301-1304

53. Synthesis, Spectroscopy and Electrochemistry of Ternary Copper(II) Complexes with 2,2-Diphenyl,4,4,6,6-tetrakis(3,5-dimethyl pyrazolyl) Cyclotriphosphazene and Nitrogenous bases. X-ray Structures of $N_3P_3Ph_2(3,5-Me_2Pz)_4.Cu(ClO_4)_2.2H_2O$ and $N_3P_3Ph_2(3,5-Me_2Pz)_4.Cu(ClO_4)_2.ImH$

K. R. Justin Thomas, P. Tharmaraj, **V. Chandrasekhar**, C. D. Bryan, A. W. Cordes.
Inorg. Chem. **1994**, 33, 5382-5390

54. 2,2,4,4-Tetrakis(3,5-dimethyl pyrazol-1-yl)-2 λ^5 , 4 λ^5 , 6 λ^5 - cyclotriphosphaza-1,3,5-triene-6-spiro-2',1',3'-diaz-2'-phosphacyclohexane, $C_{23}H_{36}N_{13}P_3$

V. Chandrasekhar, K. R. J. Thomas, A. W. Cordes, S. Folkert, C. D. Bryan
Acta.Cryst. **1994**, 150C, 1976-1978.

55. Experimental and theoretical investigations of 1,4,5,7-dithiadiazepines

V. Chandrasekhar, I. V. Baca, T. Chivers, T. Ziegler
Phosphorus, Sulfur, Silicon and Related Elements. **1994**, 93-94, 447-448

56. Synthesis and Molecular Structures of Fluorophosphoranes, R_3PF_2 , Isoelectronic with Anionic Fluorosilicates

R. R. Holmes, J. M. Holmes, R.O. Day, K. C. Kumara Swamy, **V. Chandrasekhar**
Phosphorus, Sulfur, Silicon and Related Elements. **1995**, 103, 153

57. Conductivity Studies on Poly(methoxy ethoxy ethoxy ethyl)methacrylate-lithium salt Complexes

I. I. Selvaraj, S. Chaklanobis, **V. Chandrasekhar**
J. Electrochem.Soc. **1995**, 142, 366-370

58. Bis(bis(3,5-dimethyl-1-pyrazolyl)phosphinato)copper(II) $[Cu\{O_2P(N_2C_3HMe_2)_2\}_2]$

S. Folkert, C. D. Bryan, A. W. Cordes, P. Tharmaraj, **V. Chandrasekhar**
Acta.Cryst. **1995**, C51, 863-865

59. Reactions of N-methyl 1-3-diaminopropane with $N_3P_3Cl_6$ and *gem*- $N_3P_3Cl_4Ph_2$ leading to Spirocyclic Products

E. Sampath Kumar, M. G. Muralidhara, **V. Chandrasekhar**
Polyhedron **1995**, 14, 1571

60. Five Coordinate Copper(II) Complexes of *gem*- $N_3P_3Ph_2(dmpz)_4$

K. R. Justin Thomas, P. Tharmaraj, **V. Chandrasekhar**, S. R. Scott, A. W. Cordes
Polyhedron **1995**, 14, 977-982

61. Copper(II) and Cobalt(II) Complexes of 2,2-Diphenyl-4,4,6,6-tetrakis(1-pyrazolyl)-cyclotriphosphazene, $N_3P_3Ph_2Pz_4$. X-ray Crystal Structure of $N_3P_3Ph_2Pz_4.CoCl_2.0.5CH_2Cl_2$

K. R. Justin Thomas, **V. Chandrasekhar**, S. R. Scott, A. W. Cordes
Polyhedron **1995**, 14, 1607-1613

62. Conductivity studies on poly(MEEMA)-LiCF₃SO₃ polymer electrolyte systems
I.I.Selvaraj, S.Chaklanobis, P.Manoravi, **V. Chandrasekhar**
Polymer. **1995**, *26*, 2603-2606
63. Heterobimetallic (Pd, Pt, Cu) Complexes of Hexapyrazolyl Cyclotriphosphazene via Simultaneous geminal (N₂) and nongeminal (N₃) Coordination modes
K. R. Justin Thomas, **V. Chandrasekhar**, C. D. Bryan, A. W. Cordes
J. Coord. Chem. **1995**, *35*, 337-348
64. Synthesis and ionic conductivity studies of new water insoluble polyphosphazene polymer electrolytes
I.I.Selvaraj, S.Chaklanobis, **V.Chandrasekhar**
J.Electrochem.Soc. **1995**, *142*, 3434-3437
65. New Lipophilic Air-stable Silanetriols: First Example of an X-ray Crystal Structure of a Silanetriol with Si-N Bonds
R. Murugavel, **V. Chandrasekhar**, A. Voigt, H. W. Roesky, H. G. Schmidt, M. Noltemeyer
Organometallics **1995**, *14*, 5298-5301
66. Discrete silanetriols: Building blocks for three-dimensional metallasiloxanes
R.Murugavel, **V.Chandrasekhar**, H.W.Roesky
Acc.Chem.Res. **1996**, *29*, 183-189
67. Silanediols Derived from Silanetriols: X-ray Crystal Structures of (2,3,6,-Me₃C₆H₂)N(SiMe₃)Si(OSiMe₃)(OH)₂ and (2,4,6,-Me₃C₆H₂)N(SiMe₃)Si(OSiMe₂R)(OH)₂ [R=CH₂(2-NH₂-3,5-Me₂C₆H₂)]
R. Murugavel, A. Voigt, **V. Chandrasekhar**, H. W. Roesky, H. G. Schmidt, M. Noltemeyer
Chem. Ber. **1996**, *129*, 391-395
68. Cyclic and Polyhedral Aluminosiloxanes with Al₂Si₂O₄, Al₄Si₂O₆ and Al₄Si₄O₁₂ Frameworks: X-ray Crystal Structures of [(2,4,6,-Me₃C₆H₂)N(SiMe₃)Si(OAlBu-i)₂ (OAl(Bu-i)₂O)₂ and [(2,6-Me₂C₆H₃)N(SiMe₃)SiO₃Al.C₄H₈O₂]₄
V. Chandrasekhar, R. Murugavel, A. Voigt, H. W. Roesky, H. G. Schmidt, M. Noltemeyer
Organometallics **1996**, *15*, 918-922
69. Facile and Rational Route for High-yield Synthesis of Titanosiloxanes from Aminosilanetriols
A. Voigt, R. Murugavel, **V. Chandrasekhar**, N. Winkhofer, H. W. Roesky, H. G. Schmidt, I. Uson
Organometallics **1996**, *15*, 1610-1613
70. Novel Cyclic Pentacoordinate and Pseudopentacoordinate Lead Compounds

V. Chandrasekhar, A. Chandrasekharan, R. O. Day, J. M. Holmes, R. R. Holmes
Phosphorus Sulfur Silicon and Related Elements **1996**, *115*, 125-139

71. Intramolecular Redox Cyclization upon Oxidation of a Sulfur(II) Containing Diazene:
X-ray Structures of PhS(O)NC(AR)NNC(Ar)=NSO₂Ph (Ar = 4-CH₃C₆H₄) and
MeSO₂N(4-CH₃C₆H₄)CN=N(C₆H₄CH₃-4)NSO₂Me

V. Chandrasekhar, T. Chivers, L. Ellis, I. Krouse, M. Parvez, I. Vargas Baca
Can. J. Chem. **1997**, *75*, 1188-1194

72. Experimental and Theoretical Studies on 1,4,5,7-Dithiadiazapinyl Radicals:
Preparation and X-ray Structure of (5-(trimethylsilyl)tetrachlorobenzeno-1,4,5,7-
dithiadiazepine

V. Chandrasekhar, T. Chivers, M. Parvez, I. Vargas Baca, T. Ziegler
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73. Platinum(II) and palladium(II) complexes of tetrakis(pyrazolyl) cyclotri
phosphazenes

K.R.Justin Thomas, **V. Chandrasekhar**, P.Zanello, F.Laschi
Polyhedron. **1997**, *16*, 1003-1011

74. Copolymerization of 2-(4'-vinyl-biphenyloxy) Pentachlorocyclotriphosphazene
with Acrylate and Methacrylate monomers

I. Immanuel Selvaraj, **V. Chandrasekhar**
Polymer **1997**, *38*, 3617-3623

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75. New Lipophilic Cyclo- and Polyphosphazenes Containing Surfactant Substituents

I. Immanuel Selvaraj, S. Chaklanobis, **V. Chandrasekhar**
Polymer International. **1998**, *46*, 111-116

76. Polymer Solid Electrolytes: Synthesis and Structure

V. Chandrasekhar
Advances in Polymer Science **1998**, *135*, 139-206

77. Cycloalkylaminocyclo- and Polyphosphazenes: X-ray Crystal Structures of gem-
Tetrakis(cyclohexylamino) Dichlorocyclotriphosphazene and Octakis(cyclopropylamino)
cyclotetraphosphazene

V. Chandrasekhar, K. Vivekanandan, S. Nagendran, G. T. S. Andavan, N. R. Weathers,
J. C. Yarbrough, A. W. Cordes
Inorg. Chem. **1998**, *37*, 6192-6198

78. Hypervalent Tris(catecholato)silicate derived from Rice Husk Ash

V. Chandrasekhar, S. Nagendran, Samiksha , G. T. S. Andavan

Tetrahedron Letters **1998**, 39, 8505-8508

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79. Tridentate N₃ Capping Coordination Behavior of Potentially Multi-site Coordinating Cyclophosphazenes: Synthesis and Spectroscopic Studies of 2,2-spiro(1,3-propanediamino)-4,4,6,6-tetrakis(3,5-dimethylpyrazolyl)-cyclotriphosphazene and their Mononuclear complexes; X-ray Structure of ATPCTP.CoCl₂

K. R. Justin Thomas, **V. Chandrasekhar**, K. Vivekanandan, G. T. Senthil Andavan, S. Nagendran, S. Kingsley, E. R. T. Tiekink
Inorg. Chim. Acta. **1999**, 286, 127-133

80. New Approach for the Assembly of a Multi-site Coordinating Polymeric Ligand: Synthesis of a Pendant Pyrazolyl Cyclotriphosphazene Containing Polymer

V. Chandrasekhar, A. P. Athimoolam, K. Vivekanandan, S. Nagendran
Tetrahedron Letters **1999**, 40, 1185-1186

81. Monovalent Group 13 Organometallic Compounds: Weakly Associated to Monomeric and also Versatile 2e donors

R. Murugavel, **V. Chandrasekhar**
Angew. Chem. Int. Ed. Engl. **1999**, 38, 1211-1215

82. Polymer Electrolytes based on Oligoethoxy Side Chain Containing Polymers

V. Chandrasekhar, S. Nagendran, A. Athimoolam.
Main Group Chemistry News **1999**, 7, 4-13

83. Synthesis and Characterization of New Organosilanediols with Si-N Bonds.

V. Chandrasekhar, S. Nagendran, R. J. Butcher
Organometallics **1999**, 18, 4488-4492

84. Molecule of the month: A Stable Dibismuthene- A compound with a Bi-Bi double bond

V. Chandrasekhar
Resonance **1999**, 4, 70-74

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85. Polymer Electrolytes Based on Polymers Derived from Phosphazenes

V. Chandrasekhar, V. Krishnan, A. Athimoolam, S. Nagendran
Current Science **2000**, 78, 481-489

86. Metal Alkoxides as Versatile Precursors for Group 4 Phosphonates: Synthesis and X-ray Structure of a Novel Organosoluble Zirconium Phosphonate

D. Chakraborty, **V. Chandrasekhar**, M. Bhattacharjee, R. Kratzner, H. W. Roesky, M. Noltemeyer, H. G. Schmidt
Inorg. Chem. **2000**, 39, 23-36

87. An Iron Wheel on a Tin Drum: A Novel Assembly of a Hexa Ferrocene Unit on a Tin-oxygen Cluster

V. Chandrasekhar, S. Nagendran, S. Bansal, D. R. Powell
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88. Si-O and P-O Motifs in Inorganic Rings and Clusters.

V. Chandrasekhar, S. Nagendran, S. Kingsley, V. Krishnan, R. Boomishankar.
Proc. Ind. Acad. Sci. **2000**, *112*, 171-178

89. A Dodecanuclear Copper(II) Cage Containing Phosphonate Ligands

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