

Full 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. Studies of phosphazenes, part 17. 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.Vasudava 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. Studies of phosphazenes. Part 23. Some reactions of octachlorocyclotetraphosphazene with aliphatic difunctional reagents.

V.Chandrasekhar, S.Karthikeyan, S.S.Krishnamurthy, M.Woods.
Ind. J. Chem. **1985**, 24a, 379 - 383.

6. 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.

7. 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.

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 group IV and V.
R.R.Holmes, R.O.Day, **V.Chandrasekhar**, S.Shafiezed, 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.Buttrton, 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.

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20. New five and six coordinated anionic tin(IV) complexes. Molecular structures of spirocyclic stannates with mixed ligands.

R.R.Holmes, S.Shafiezd, **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.Shafiezd, **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.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.Shafiezd, **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 ^{29}Si 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 organotin 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 - Formations 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 PCl_3 , POCl_3 and PhPOCl_2 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*, 64 - 69.
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- $\text{Ph}_4\text{P}_2\text{N}_4\text{C}_2(\text{C}_6\text{H}_4\text{CH}_3-4)_2$.
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.Sudheendhra Rao.
Inorg.Chem. **1991**, *30*, 4125 - 4130.
38. Reactions of hexachlorocyclotriphosphatriene 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.

J.Appl.Organomet.Chem. **1993**, *7*, 1-31.

44. Unusual tridentate N_3 capping coordination behaviour of hexakis(3,5-dimethyl-pyrazolyl)-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 $\text{N}_3\text{P}_3(3,5\text{-Me}_2\text{Pz})_6.\text{CuCl}_2$.

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. LiClO_4 .

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

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

47. Reaction of 1,3-butanediol with hexachlorocyclophosphazenes: Unusal non-equivalence of phosphorus nuclei in the spirocyclic product, $\text{N}_3\text{P}_3\text{Cl}_4[\text{OCH}(\text{Me})\text{CH}_2\text{CH}_2\text{O}]$.

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.

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49. 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.

50. 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 N₃P₃Ph₂(3,5-Me₂Pz)₄.Cu(ClO₄)₂.2H₂O and N₃P₃Ph₂(3,5-Me₂Pz)₄.Cu(ClO₄)₂.ImH. K.R.Justin Thomas, P.Tharmaraj, **V.Chandrasekhar**, C.D.Bryan, A.W.Cordes.

Inorg.Chem. **1994**, *33*, 5382 - 5390.

51. 2,2,4,4-Tetrakis(3,5-dimethyl pyrazol-1-yl)-2⁵, 4⁵, 6⁵- cyclotriphosphaza-1,3,5-triene-6-spiro-2',1',3'-diaz-2'-phosphacyclohexane, C₂₃H₃₆N₁₃P₃.

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

52. 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.

53. Synthesis and molecular structures of fluorophosphoranes, R₃PF₂, 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

54. 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.

55. Bis(bis(3,5-dimethyl-1-pyrazolyl)phosphinato)copper(II) [Cu{O₂P(N₂C₃HMe₂)₂}₂]

S.Folkert, C.D.Bryan, A.W.Cordes, P.tharmaraj, **V.Chandrasekhar**

Acta.Cryst. **1995**, *C51*, 863-865.

56. 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.**

57. 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.**

58. 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.**

59. Conductivity studies on poly(MEEMA)- $LiCF_3SO_3$ polymer electrolyte systems.

I.I.Selvaraj, S.Chaklanobis, P.Manoravi, **V.Chandrasekhar**.

***Polymer*. 1995, 26, 2603 - 2606.**

60. Heterobimetallic (Pd, Pt, Cu) complexes of hexapyrazolyl cyclotriphosphazene via simultaneous geminal (N_2) and nongeminal (N_3) coordination modes.

K.R.Justin Thomas, **V.Chandrasekhar**, C.D.Bryan, A.W.Cordes.

***J.Coord.Chem*. 1995, 35, 337 - 348.**

61. 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.**

62. 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.**

63. Discrete silanetriols: Building blocks for three-dimensional metallasiloxanes.

R.Murugavel, **V.Chandrasekhar**, H.W.Roesky.

***Acc.Chem.Res*. 1996, 29, 183 - 189.**

64. Silanediols derived from silanetriols: X-ray crystal structures of (2,3,6,- $Me_3C_6H_2$) $N(SiMe_3)Si(OSiMe_3)(OH)_2$ and (2,4,6,- $Me_3C_6H_2$) $N(SiMe_3)Si(OSiMe_2R)(OH)_2$ [$R=CH_2(2-NH_2-3,5-Me_2C_6H_2)$].

R.Murugavel, A.Voigt, **V.Chandrasekhar**, H.W.Roesky, H.G.Schmidt, M.Noltemeyer.

***Chem.Ber*. 1996, 129, 391 - 395.**

65. Cyclic and polyhedral aluminosiloxanes with $\text{Al}_2\text{Si}_2\text{O}_4$, $\text{Al}_4\text{Si}_2\text{O}_6$ and $\text{Al}_4\text{Si}_4\text{O}_{12}$ frameworks: X-ray crystal structures of $[(2,4,6\text{-Me}_3\text{C}_6\text{H}_2)\text{N}(\text{SiMe}_3)\text{Si}(\text{OAlBu-i})_2(\text{OAl}(\text{Bu-i})_2\text{O})_2]$ and $[(2,6\text{-Me}_2\text{C}_6\text{H}_3)\text{N}(\text{SiMe}_3)\text{SiO}_3\text{Al}(\text{C}_4\text{H}_8\text{O}_2)_4]$.

V. Chandrasekhar, R. Murugavel, A. Voigt, H. W. Roesky, H. G. Schmidt, M. Noltemeyer. *Organometallics*. **1996**, *15*, 918 - 922.

66. 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.

67. 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.

68. Intramolecular redox cyclization upon oxidation of a sulfur(II) containing diazene: X-ray structures of $\text{PhS}(\text{O})\text{NC}(\text{Ar})\text{NNC}(\text{Ar})=\text{NSO}_2\text{Ph}$ ($\text{Ar} = 4\text{-CH}_3\text{C}_6\text{H}_4$) and $\text{MeSO}_2\text{N}(4\text{-CH}_3\text{C}_6\text{H}_4)\text{CN}=\text{N}(\text{C}_6\text{H}_4\text{CH}_3\text{-4})\text{NSO}_2\text{Me}$.

V. Chandrasekhar, T. Chivers, L. Ellis, I. Krouse, M. Parvez, I. Vargas Baca.

Can. J. Chem, **1997**, *75*, 1188-1194.

69. Experimental and theoretical studies on 1,4,5,7-deithiadiazapinyl 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.

Inorg. Chem. **1997**, *36*, 4772-4777.

70. Platinum(II) and palladium(II) complexes of tetrakis(pyrazolyl) cyclotriphosphazenes.

K. R. Justin Thomas, **V. Chandrasekhar**, P. Zanello, F. Laschi,

Polyhedron. **1997**, *16*, 1003 - 1011.

71. 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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72. New lipophilic cyclo- and poly-phosphazenes containing surfactant substituents

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

Polymer International. **1998**, *46*, 111-116.

73. Polymer solid electrolytes: Synthesis and structure.

V. Chandrasekhar.

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

74. 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.

75. Hypervalent tris(catecholato)silicate derived from rice husk ash.

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

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

76. 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

77. 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.

78. 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.

79. Polymer electrolytes based on oligoethoxy side chain containing polymers

V. Chandrasekhar, S. Nagendran, A. Athimoolam.

Main Group Chemistry News. **1999**, *7*, 4-13

80. Synthesis and characterization of new organosilane diols with Si-N bonds.

V. Chandrasekhar, S. Nagendran, R. J. Butcher.

Organometallics. **1999**, *18*, 4488-4492.

81. Polymer electrolytes based on polymers derived from phosphazenes.

V. Chandrasekhar, V. Krishnan, A. Athimoolam, S. Nagendran.

Current Science, **2000**, *78*, 481-489.

82. 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.

83. 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.
Angew. Chem. Int. Edn. Engl. **2000**, *39*, 1833.

84. Si-O and P-O Motifs in Inorganic Rings and Clusters.

V. Chandrasekhar, S. Nagendran, S. Kingsley, V. Krishnan, R. Boomishankar.
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