

- 204) C. BENELLI, M. DI VAIRA, G. NOCCIOLI, and L. SACCONI. Synthesis, Properties, and Characterization of Sulfato and Selenato Complexes of Cobalt(II) and Nickel(II) with 1,1,1-Tris(diphenylphosphinomethyl)ethane (p_3). Crystal and Molecular Structures of $Co(p_3)SO_4$ and $Ni(p_3)SeO_4$. Inorg. Chem., 16, 182 (1977).
- 205) C. MEALLI and L. SACCONI. The Crystal Structure of the Bis(2,7-dimethyl-1,8-naphthyridine)dichlorocopper(II) Complex with the trans Configuration. Acta Cryst., B33, 710 (1977).
- 206) L. SACCONI, P. DAPPORTO, and P. STOPPIONI. Synthesis, Properties, and Structural Characterization of Dinuclear Halogen-Bridged Nickel(I) Complexes with Tris(2-diphenyl-arsinoethyl)amine. Inorg. Chem., 16, 224 (1977).
- 207) L. SACCONI, P. DAPPORTO, P. STOPPIONI, P. INNOCENTI, and C. BENELLI. Synthesis, Properties, and X-Ray Structural Characterization of Cationic Five-Coordinate Alkylnickel(II) Compounds with Poly(tertiary phosphines and arsines). Inorg. Chem., 16, 1669 (1977).
- 208) M. DI VAIRA, S. MIDOLLINI, and L. SACCONI. Synthesis, Properties, and X-Ray Characterization of 3d Metal-Mercapto and -Methylthio Complexes with the Poly(tertiary phosphines) Tris(2-diphenylphosphinoethyl)amine and Tris(2-diphenylphosphinoethyl)phosphine. Inorg. Chem., 16, 1518 (1977)

- 209) C. A. GHILARDI, S. MIDOLLINI, and L. SACCONI. Synthesis and Properties of Sulfur-Bonded Alkylsulfito Complexes of Cobalt(II) and $\text{Ni}(\text{SO}_2(\text{OC}_2\text{H}_5))\text{N}(\text{C}_2\text{H}_4\text{P}(\text{C}_6\text{H}_5)_2)_3 \text{BF}_4 \cdot 0.5\text{C}_2\text{H}_5\text{OH} \cdot 0.5\text{H}_2\text{O}$.
Inorg. Chem., 16, 2377 (1977).
- 210) S. MIDOLLINI, A. ORLANDINI and L. SACCONI. (Triphenylstannyl) (Tris(2-Diphenylphosphinoethyl)amine)nickel(II) Tetraphenylborate, $\text{C}_{84}\text{H}_{77}\text{BNNiP}_3\text{Sn}$.
Cryst. Struct. Comm., 6, 733 (1977).
- 211) M. DI VAIRA, A. MELI and L. SACCONI. Dichlorotris(2-diphenylphosphinoethyl)aminecobalt(III) Tetrafluoroborate, $\text{C}_{42}\text{H}_{42}\text{BCl}_2\text{CoF}_4\text{NP}_3$.
Cryst. Struct. Comm., 6, 727 (1977)
- 212) C. MEALLI, S. MIDOLLINI and L. SACCONI. Transition-Metal Complexes with Sulfur atom as Ligand. 2.¹ Synthesis, Properties and Structural Characterization of Thio, Mercapto, and Methylthio Complexes of Cobalt(I) and Nickel(I) and -(II) with Poly (tertiary phosphines).
Inorg. Chem., 17, 632 (1978).
- 213) L. SACCONI and M. DI VAIRA. Correlation between Spin State and Nature of Donor Atoms for Five-Coordinate Iron(II) Complexes. X-Ray Structure Determination of Two Iron(II) Complexes with Tris(2-diphenylphosphinoethyl)amine and Tris(2-diphenylphosphinoethyl)phosphine.
Inorg. Chem., 17, 810 (1978).
- 214) M. DI VAIRA, S. MIDOLLINI, and L. SACCONI. Sulfur Ligand-Transition-Metal Complexes. 3.^{1,2} Mercapto Complexes of Nickel(II) with Tridentate Poly(tertiary phosphines) Crystal Structure of $\text{Ni}(\text{SH})(\text{Ph}_2\text{PCH}_2\text{CH}_2)_2\text{NCH}_2\text{CH}_2\text{NH}(\text{C}_2\text{H}_5)_2 (\text{BF}_4)_2$.
Inorg. Chem., 17, 816 (1978).

- 215) M. DI VAIRA, C. A. GHILARDI, S. MIDOLLINI and L. SACCONI. cyclo-Triphosphorus ($\delta\text{-P}_3$) as a Ligand in Cobalt and Nickel Complexes with 1,1,1-Tris(diphenylphosphinomethyl) ethane. Formation and Structures. J. Am. Chem. Soc., 100, 2550 (1978)
- 216) P. STOPPIONI, P. DAPPORTO, and L. SACCONI. Insertion Reaction of Carbon Monoxide into M-C Bonds. Synthesis and Structural Characterization of Cobalt(II) and Nickel(II) Acyl Complexes with Tri(tertiary arsines and phosphines). Inorg. Chem., 17, 718 (1978).
- 217) D. DAKTERNIEKS, A. ORLANDINI, and L. SACCONI. Synthesis and Structural Characterization of an Unexpected 1:1 Adduct of Nickel Diacetyl-bisbenzoylhydrazonate with o-Phenantroline. Inorg. Chim. Acta, 29 L205 (1978).
- 218) A. BENCINI, C. BENELLI, D. GATTESCHI, and L. SACCONI. ESR Spectra of a Trigonally Distorted Pseudotetrahedral Nickel(I) Complex. Inorg. Chim. Acta, 29 L243 (1978)
- 219) M. DI VAIRA, S. MIDOLLINI, L. SACCONI, and F. ZANOBINI. cyclo-Triarsenic as μ, η^3 -Ligand in Transition-Metal Complexes. Angewandte Chemie, 17, 676 (1978).
- 220) A. BENCINI, D. GATTESCHI, and L. SACCONI. Electron Spin Resonance Investigation of the Mixed-Valence Dinuclear Tetra(μ -1,8-naphthyridine- $\underline{\text{N}}\text{-}\underline{\text{N}}'$)-bis(bromonickel)-Tetra-phenylborate Complex. Inorg. Chem., 17, 2670 (1978).
- 221) S. MIDOLLINI, A. ORLANDINI, and L. SACCONI. Synthesis, Properties and X-Ray Structural Determination of Cationic Five-Coordinate o-Triphenylstannylnickel(II) Complexes with Poly(Tertiary Phosphines). J. Organomet. Chem., 162, 109 (1978).

- 222) C. A. GHILARDI, S. MIDOLLINI and L. SACCONI. A Trinuclear Disulphide Complex of Nickel(II) with Triethylphosphine.
Inorg. Chim. Acta, 31, L431 (1978).
- 223) C. BIANCHINI, C. MEALLI, S. MIDOLLINI and L. SACCONI. Radial Trinuclear Complexes of Cobalt(II) and Nickel(II) with Tris(2-dimethylphosphinoethyl)-amine.
Inorg. Chim. Acta, 31, L433 (1978).
- 224) C. MEALLI, A. ORLANDINI, L. SACCONI and P. STOPPIONI. Synthesis and Structural Characterization of a Sulfur Dioxide Complex of Nickel with Tris(2-diphenylphosphino)ethyl-amine.
Inorg. Chem., 17, 3020 (1978).
- 225) D. GATTESCHI, C. A. GHILARDI, A. ORLANDINI and L. SACCONI. Low-Temperature Crystal Structure and Electron Spin Resonance Spectra of Bis(isothiocyanato) N -(2-diphenyl-phosphino)ethyl)- N' - N' -diethylethylenediamine cobalt(II), a Five-Coordinate Complex Exhibiting Spin Equilibrium.
Inorg. Chem., 3023, 17 (1978).
- 226) F. CECCONI, P. DAPPORTO, S. MIDOLLINI and L. SACCONI. Synthesis Characterization and Structure of the Complex (n^3 -cyclo-Tri-phosphorus)(tris(2-diphenylphosphinoethyl)amine)cobalt.
Inorg. Chem., 17, 3292 (1978).
- 227) M. DI VAIRA, S. MIDOLLINI e L. SACCONI. Il ciclo-trifosforo con legante in complessi bimetallici a doppio "sandwich".
Acc. Nazionale dei Lincei, serie VIII, LXIV, 611 (1978).
- 228) C. BIANCHINI, A. MELI, A. ORLANDINI and L. SACCONI. (Triphos) $Co(CS_2)Cr(CO)_5$. A Dinuclear Heterometal Complexes Containing a CS_2 Bridging Group.
Inorg. Chim. Acta, 35, L375-L376 (1979).

- 229) L. FABBRIZZI and L. SACCONI. Electrochemical Behaviour of the Triple-Decker Sandwich Cobalt and Nickel Complexes with cyclo-Triphosphorus and cyclo-Triarsenic.
Inorg. Chim. Acta, 36 L407-L408 (1979).
- 230) P. DAPPORTO, S. MIDOLLINI and L. SACCONI. tetrahedro-Tetraphosphor als einzähniger Ligand in einem Nickel(0)-Komplex.
Angew. Chem., 91, 510 (1979).
- 231) C. BIANCHINI, C. MEALLI, A. MELI and L. SACCONI. Synthesis and Crystal Structure of Two Isomorphous Rhodium and 1,1,1-Tris (diphenylphosphinomethyl)-ethane.
Inorg. Chim. Acta, 37, L543-L544 (1979).
- 232) M. DI VAIRA, S. MIDOLLINI and L. SACCONI. cyclo-Triphosphorus and cyclo-Triarsenic as Ligands in "Double Sandwich" Complexes of Cobalt and Nickel.
J. Am. Chem. Soc., 101, 1757 (1979).
- 233) C. BIANCHINI, C. MEALLI, A. MELI, A. ORLANDINI and L. SACCONI. A New Bridging Mode of Carbon Disulfide in a Dinuclear Cobalt(I) Complex.
Angew. Chemie, 18, 673 (1979)
- 234) P. DAPPORTO, S. MIDOLLINI and L. SACCONI. tetrahedro-Tetraphosphor als einzähniger Ligand in einem Nickel(0)-Komplex.
Angew. Chem., 91, 510 (1979).
- 235) S. MIDOLLINI, A. ORLANDINI and L. SACCONI. $[(\text{triphos})\text{Co}(\delta\text{-P}_3)\text{Cr}_2(\text{CO})_1]$
A Trinuclear Heterometal Complex Containing cyclo-triphosphorus as μ_3 -Ligand.
Angew. Chem. Int. Ed., 18 (1979) 81

- 236) A. BENCINI, C. BENELLI, D. GATTESCHI and L. SACCONI. ESR Spectra of Halo 1,1,1-tris(diphenylphosphinomethyl)ethane nickel(I)
Inorg. Chim. Acta, 37 (1979) 195-199.
- 237) M. DI VAIRA, S. MIDOLLINI and L. SACCONI. Sulfur Ligand-Transition Metal Complexes. 4. Dinuclear Mercapto Complexes of Iron(II) with the Tridentate Ligand Bis 2-(diphenylphosphino)ethyl phenylphosphine. Synthesis and X-Ray Crystal Structure.
Inorg. Chem., 18, 3466 (1980).
- 238) J.P. BARBIER, P. DAPPORTO, L. SACCONI and P. STOPPIONI. Synthesis and Structural Characterization of dinuclear cyclopentadienyl-iron(II) Complexes with tritertiary phosphines as bridging ligands
J. of Organomet. Chem., 171 (1979) 185.
- 239) C.A. GHILARDI, S. MIDOLLINI and L. SACCONI. Paramagnetic Carbonyl Cobalt(II) Complexes. Molecular Structure of Bromocarbonyl-1,1,1-Tris(diphenylphosphinomethyl)ethanecobalt(II) Tetraphenylborate.
J. of Organomet. Chem., 186 (1980) 279-287
- 240) P. DAPPORTO and L. SACCONI. X-Ray Structures of two Five-coordinated Nickel(I) Complexes with the Tripod Ligands Tris(2-diphenylphosphinoethyl)amine and Tris(2-diphenylarsinoethyl)amine.
Inorg. Chim. Acta, 39 (1980) 61-66.
- 241) C. BIANCHINI, M. DI VAIRA, A. MELI and L. SACCONI. Triple-Decker Sandwich Complexes of $4d_3$ and $5d$ Metals with cyclo-Triphosphorus as η^3 -Ligand: Structural and Magnetic Properties.
Angew. Chem., 19 (1980) 5.

242) C.A. GHILARDI, S. MIDOLLINI, A. ORLANDINI and L. SACCONI.

Single- and Mixed-Metal Complexes with cyclo-Triphosphorus and

1,1,1-Tris(diphenylphosphino)methyl)ethane, triphos. Synthesis

and Structural Characterization of $[(\text{triphos})\text{Co}(\eta^3\text{-P}_3)]$ and

$[(\text{triphos})\text{Co}(\mu\text{-}(\eta^3\text{-P}_3))\{\text{Cr}_2(\text{CO})_{10}\}]$.

Inorg. Chem., 19 (1980) 301.