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- 1945 **Complexes of Mn(II), Cu(II) and Cd(II) with Bipyridine Isomers and Lactates**  
— Czakis-Sulikowska D., Malinowska A. and Kafarska K.
- 1959 **Equilibria in Cobalt(II) – Amino Acid – Imidazole System under Oxygen-free Conditions. Part I. Studies on Mixed Ligand Systems with L- $\alpha$ -Alanine** — Woźniczka M., Pająk M., Vogt A. and Kufelnicki A.
- 1967 **Coordination Chemistry of Nickel(II), Copper(II), and Cobalt(II) with  $MN_4$  Core-Containing Two Novel *vic*-Dioximes Ligands. Synthesis, Spectroscopy and Redox Properties**  
— Kilic A., Tas E., Gumgum B. and Yilmaz I.
- 1983 **Synthesis and Structural Studies on Oxovanadium(IV) Complexes with Polyaza Macrocyclic Ligands Derived from 1,4-Phenylenediamine, Formaldehyde and Primary Diamines** — Pandey J.K., Pandey O.P. and Sengupta S.K.
- 1991 **Speciation and Spectra of Bromokojatoiron(III) Complexes in Aqueous Solutions**  
— Šima J., Šipoš R., Izakovič M., Valigura D. and Tarapčík P.
- 2001 **Synthesis, Characterization and Electrochemical Property of Dicyclohexyl-18-crown-6 Nickel(II) Bis(dithiolate) Complexes** — Sun Y.-M., Dong F.-Y., Dou J.-M., Li D.-C., Gao X.-K. and Wang D.-Q.
- 2011 **Phase Equilibria in the Oxide  $Nd_2O_3$ - $K_2O$ - $P_2O_5$  System. The Quasibinary System  $NdPO_4$ - $K_3PO_4$**  — Znamierowska T. and Mizer D.

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