

## **6.6-REFERENCIAS BIBLIOGRAFICAS**

- Bowers, A. R.; Huang, C. P. (1986), Adsorption characteristics of metal-EDTA complexes onto hydrous oxides, *J. Colloid Interface Sci.* **110**, 575-590.
- Deluchat, V.; Bollinger, J. C.; Serpaud, B.; Chauillet, C. (1997), Divalent cations speciation with three phosphonate ligands in the pH-range of natural waters, *Talanta* **44**, 897-907.
- Elliot, H. A.; Huang, C. P. (1979), The adsorption characteristics of Cu(II) in the presence of chelating agents, *J. Colloid Interface Sci.* **70**, 29-45.
- Fitts, J. P.; Persson, P.; Brown, G. E. Jr.; Parks, G. A. (1999), Structure and bonding of Cu(II)-glutamate complexes at the  $\gamma$ -Al<sub>2</sub>O<sub>3</sub>-Water interface, *J. Colloid Interface Sci.* **220**, 133-147.
- Floroiu, R. M.; Davis, A. P.; Torrents A. (2001), Cadmium adsorption on aluminium oxide in the presence of polyacrylic acid, *Environ Sci Technol* **35**, 348-353.
- Hathaway, B. J.; Lewis, C. E. (1969), Electronic properties of transition-metal complex ions adsorbed on silica gel. Part I. Nickel(II) complexes, *J. Chem. Soc. (A)*, 1176-1182.
- Huang, C. P.; Elliot, H. A.; Ashmead, R. M. (1977), Interfacial reactions and the fate of heavy metals in soil-water systems, *J. Water Pollut. Con. Fed.* **49**, 745-756.
- Jaworska, J.; Van Genderen-Takken, H.; Hanstveit, A.; van de Plassche, E.; Feijtel, T. (2002), Environmental risk assessment of phosphonates used in domestic laundry and cleaning agents in The Netherlands, *Chemosphere* **47**, 655-665.
- Kabachnik, M. I.; Lastovskii, R. P.; Ya Medved, T.; Medyntsev, V. V.; Kolpakova, I. D.; Dyatlova, N. M. (1967), Complex-forming properties of hydroxyethylidenediphosphonic acid in aqueous solutions, *Dokl. Akad. Nauk SSSR* **177**, 582-585.
- Kozawa, A. (1961), Ion-exchange adsorption of zinc and copper ions on silica, *J. Inorg. Nucl. Chem.* **21**, 315-324.
- Nowack, B.; Sigg, L. (1996), Adsorption of EDTA and Metal-EDTA complexes onto goethite, *J. Colloid Interface Sci.* **177**, 106-121.
- Nowack, B.; Stone, A. T. (1999), The influence of metal ions on the adsorption of phosphonates onto goethite, *Environ. Sci. Technol.* **33**, 3627-3633.

- Popov, K.; Rönkkömäki, H.; Lajunen, L. H. J. (2001), Critical evaluation of stability constants of phosphonic acids (IUPAC), *Pure Appl. Chem.* **73**, 1641-1677.
- Richter, R. O.; Theis, T. L. (1980), Nickel speciation in a soil/water system, In: Nickel in the Environment, Nriago, J.O. (Ed.), Wiley, New York, pp. 189–202.
- Sawada, K.; Araki, T.; Suzuki, T.; Doi, K. (1989), Complex Formation of Amino Polyphosphonates. 2. Stability and Structure of Nitrilotris(methyleneephosphonato) Complexes of the Divalent Transition-Metal Ions in Aqueous Solution, *Inorg. Chem.* **28**, 2687-2688
- Schindler, P.W. (1990), Co-adsorption of metal ions and organic ligands: formation of ternary surface complexes. In: M.F. Hochella and A.F. White, Editors, Mineral-Water Interface GeochemistryReviews in Mineralogy vol. 23, Mineralogical Society of America, Washington, DC. 281–307.
- Siegel, A. (1966), Equilibrium binding studies of zinc-glycine complexes to ion-exchange resins and clays, *Geochim. Cosmochim. Acta* **30**, 757–768.
- Swedlund, P. J.; Webster, J. G. (2001), Cu and Zn ternary surface complex formation with SO<sub>4</sub> on ferrihydrite and schwertmannite, *Applied Geochemistry* **16**, 503-511.
- Telegdi, J.; Shaglouf, M. M.; Shaban, A.; Kármán, F. H ; Betróti, I.; Mohai, M.; Kálmán, E. (2001), Influence of cations on the corrosion inhibition efficiency of aminophosphonic acid, *Electrochim. Acta* **46**, 3791-3799.
- Unger, K.; Vydra F. (1968), The sorption of Zn(NH<sub>3</sub>)<sub>4</sub><sup>++</sup> and Zn(en)<sub>3</sub><sup>++</sup> on silica gels of various specific surfaces The determination of specific surface area of silica gel by sorption of Zn(en)<sub>3</sub><sup>++</sup>, *J. Inorg. Nucl. Chem.* **30**, 1075-1082.
- Venema, P.; Hiemstra, T.; van Riemsdijk, W. H. (1997), Interaction of cadmium with phosphate on goethite, *J. Colloid Interface Sci.* **192**, 94-103.
- Vohra, M. S.; Davis, A. P. (1997), Adsorption of Pb(II), NTA, and Pb(II)-NTA onto TiO<sub>2</sub>, *J. Colloid Interface Sci.* **194**, 59-67.
- Vohra, M. S.; Davis, A. P. (1998), Adsorption of Pb(II), EDTA, and Pb(II)-EDTA onto TiO<sub>2</sub>, *J. Colloid Interface Sci.* **198**, 18-26.
- Vuceta, J. (1976), Adsorption of Pb(II) and Cu(II) on α-quartz from aqueous solutions: Influence of pH, ionic strength , and complexing ligands, Ph.D. Thesis, Calif. Inst. Tech., p. 202.

- Vydra, F. (1963), Selective determination of trace quantities of silver using sorption of  $\text{Ag}(\text{NH}_3)_2^+$  on silica, *Talanta* **10**, 753-756.
- Vydra F., Markova V. (1963), Sorption of ferroin on silica and its analytical use, *Talanta* **10**, 339-346.
- Vydra, F.; Markova V. (1964), Sorption of metal complexes on silica-I Sorption of complexes of ethylenediamine, *J. Inorg. Nucl. Chem.* **26**, 1319-1324.
- Zenobi, M. C.; Rueda, E. H. (2006), Adsorption of Me(II), HEDP, and Me(II)-HEDP onto boehmite at nonstoichiometric Me(II)-HEDP concentrations, *Environ. Sci. Technol.* **40**, 3254-3259.
- Zhang, W.; Tsang, D. C. W.; Lo, I. M.C. (2008), Removal of Pb by EDTA-washing in the presence of hydrophobic organic contaminants or anionic surfactant, *J. Hazard. Mater.* **155**, 433-439.
- Zuyi, T.; Taiwei, C.; Jinzhou, D.; XiongXin, D.; Yingjie, G. (2000), Effect of fulvic acids on sorption of U(VI), Zn, Yb, I and Se(IV) onto oxides of aluminum, iron and silicon, *Appl. Geochem.* **15**, 133-139.