

Figure S1. The thermodynamic speciation of Ni(II) ions in Ni(II) system as a function of pH.

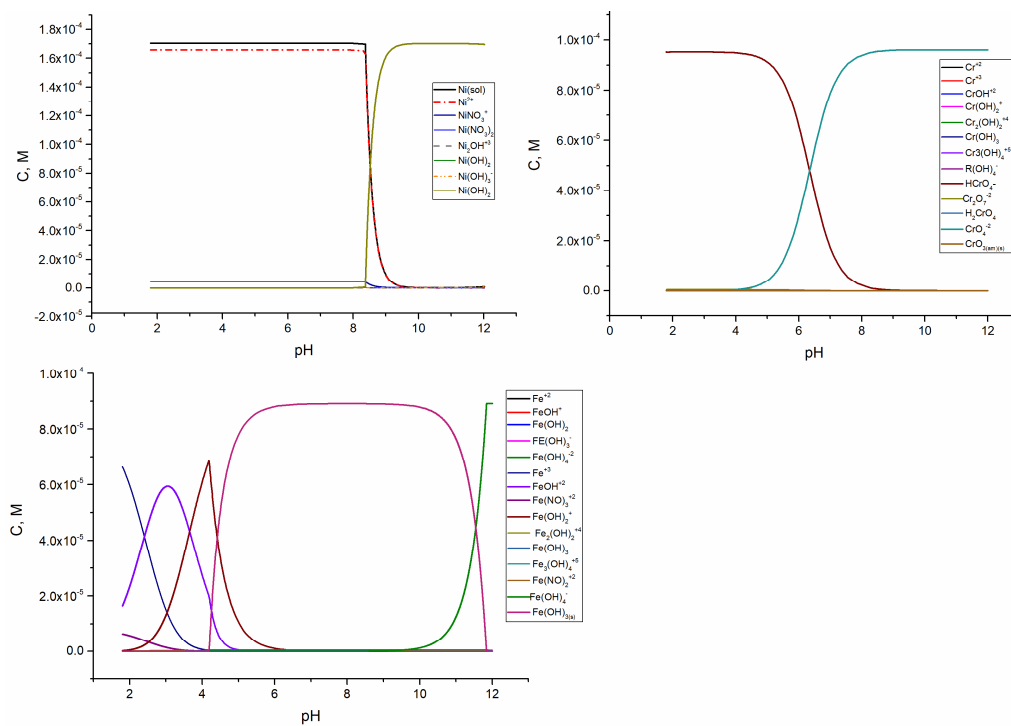


Figure S2. The thermodynamic speciation of metal ions in Ni(II)-Cr(III)-Fe(III) system as a function of pH.

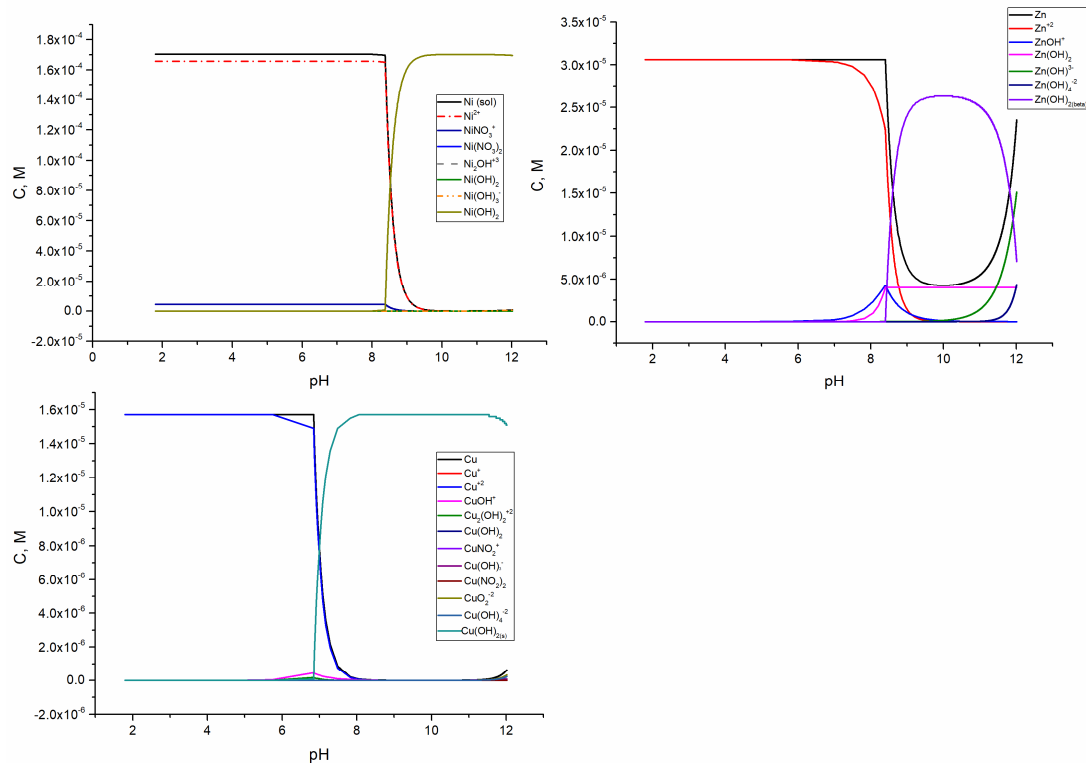


Figure S3. The thermodynamic speciation of metal ions in Ni(II)-Cu(II)-Sr(II)-Zn(II) system as a function of pH.

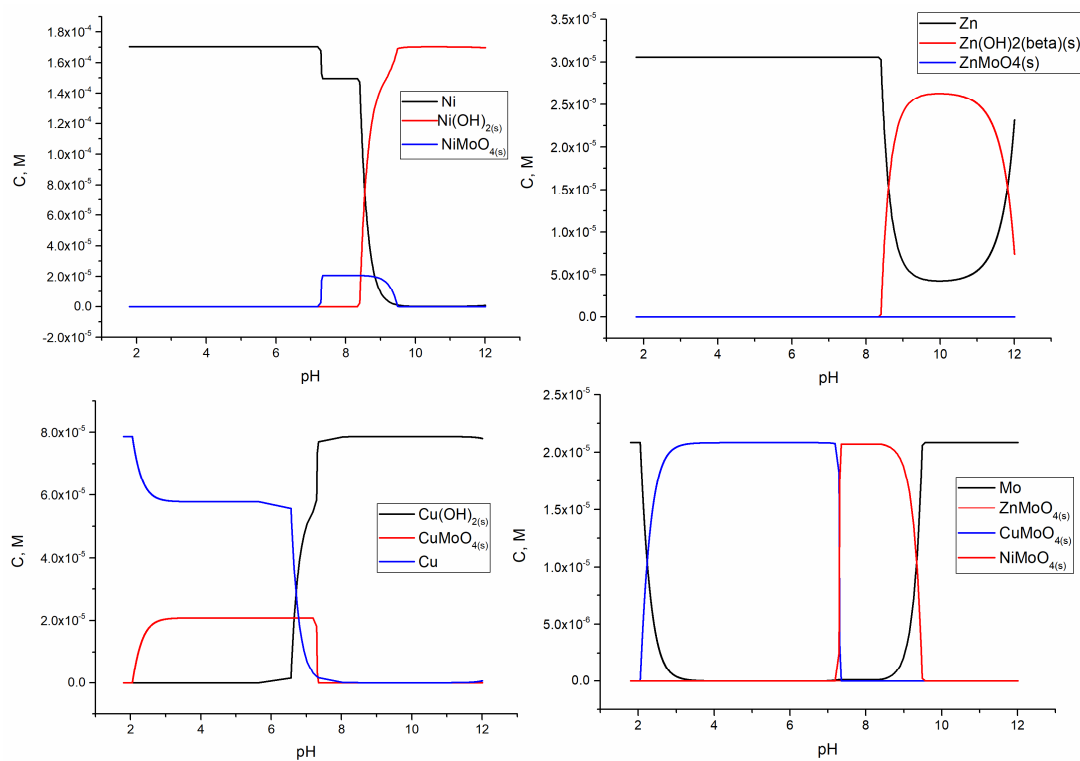
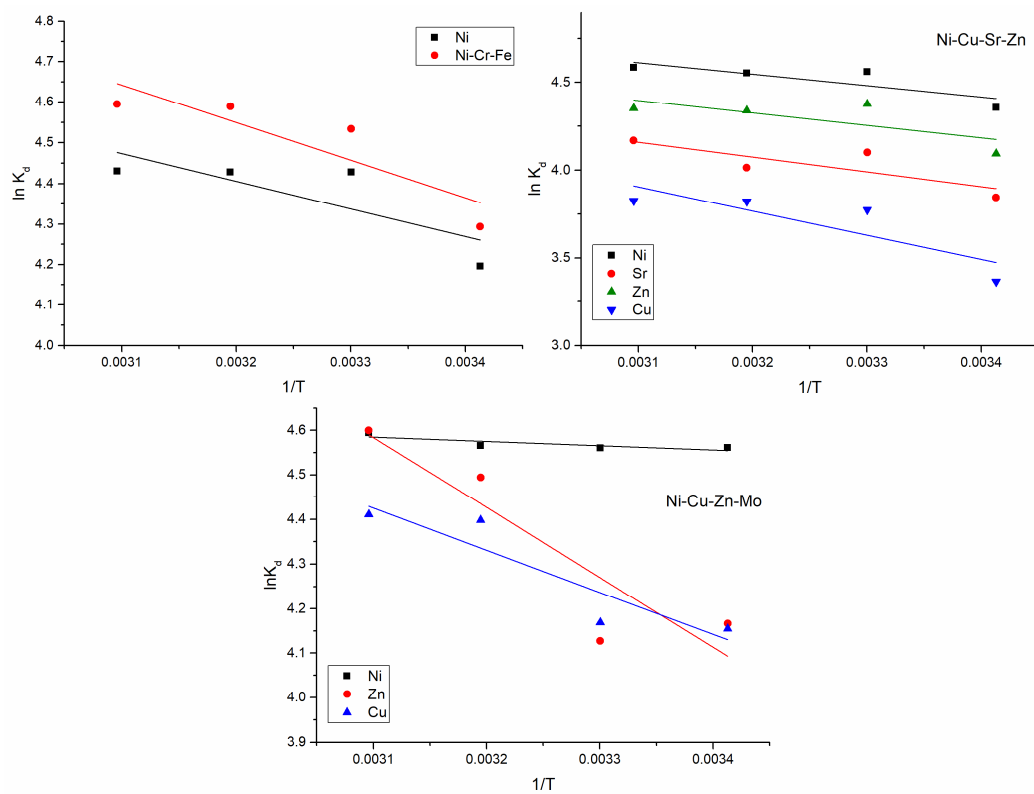


Figure S4. The thermodynamic speciation of metal ions in Ni(II)-Zn(II)-Mo(VI)-Cu(II) system as a function of pH.

Figure S5. $\ln K_a$ versus $1/T$.