Jones, Harry Clary 1865 - 1916

DEGREE: PhD  
DATE: 1892  
PLACE: Johns Hopkins

TEACHER/RESEARCH ADVISOR: Morse

investigated hydrates using conductivity, dissociation, and freezing point lowering measurements, leading to his hydrate theory - in concentrated salt solutions, water acts not as a solvent but combines with various ions to form a hydrate; first to explain the phenomenon of negative viscosity coefficients; studied absorption spectra of solutions and their bearing on solvation; prepared cadmium compounds; determined the atomic weights of various elements, such as cadmium, yttrium, praseodymium, and neodymium.