

Prediction of the thermodynamic properties of aqueous
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Citation Report

#	ARTICLE	IF	CITATIONS
4	Mineral solubilities in supercritical H ₂ O solutions. <i>Pure and Applied Chemistry</i> , 1986, 58, 1585-1598.	1.9	24
5	Mercury in Zinc Deposits: Economic Geology of a Polluting Element. <i>International Geology Review</i> , 1997, 39, 905-923.	2.1	21
6	Inorganic species in geologic fluids: Correlations among standard molal thermodynamic properties of aqueous ions and hydroxide complexes. <i>Geochimica Et Cosmochimica Acta</i> , 1997, 61, 907-950.	3.9	887
7	Solvation and electrostatic model for specific electrolyte adsorption. <i>Geochimica Et Cosmochimica Acta</i> , 1997, 61, 2827-2848.	3.9	127
8	Standard partial molal properties of aqueous alkylphenols at high pressures and temperatures. <i>Geochimica Et Cosmochimica Acta</i> , 1997, 61, 4017-4024.	3.9	21
9	Geochemical constraints on chemolithoautotrophic metabolism by microorganisms in seafloor hydrothermal systems. <i>Geochimica Et Cosmochimica Acta</i> , 1997, 61, 4375-4391.	3.9	426
10	Experimental study of dissociation of HCl from 350 to 500°C and from 500 to 2500 bars: Thermodynamic properties of HCl(aq). <i>Geochimica Et Cosmochimica Acta</i> , 1997, 61, 4267-4280.	3.9	162
11	Uranium in geologic fluids: Estimates of standard partial molal properties, oxidation potentials, and hydrolysis constants at high temperatures and pressures. <i>Geochimica Et Cosmochimica Acta</i> , 1997, 61, 4245-4266.	3.9	91
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19	Experimental study of copper(I) chloride complexing in hydrothermal solutions at 40 to 300°C and saturated water vapor pressure. <i>Geochimica Et Cosmochimica Acta</i> , 1998, 62, 2949-2964.	3.9	123
20	Theoretical prediction of single-site enthalpies of surface protonation for oxides and silicates in water. <i>Geochimica Et Cosmochimica Acta</i> , 1998, 62, 3703-3716.	3.9	65
21	Raman spectra of potassium carbonate and bicarbonate aqueous fluids at elevated temperatures and pressures: comparison with theoretical simulations. <i>Chemical Geology</i> , 1998, 152, 211-225.	3.3	82

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23	Experimental study of La(OH) ₃ and Gd(OH) ₃ solubilities (25 to 150°C), and La ³⁺ -acetate complexing (25 to 150°C). <i>Journal of Geophysical Research</i> , 1998, 103, 547-575.	3.3	53
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27	Methanogenesis as a potential source of chemical energy for primary biomass production by autotrophic organisms in hydrothermal systems on Europa. <i>Journal of Geophysical Research</i> , 1999, 104, 30729-30742.	3.3	166
28	Pourbaix Diagrams for the Ternary System of Iron-Chromium-Nickel. <i>Corrosion</i> , 1999, 55, 1077-1087.	1.1	143
29	Factors controlling corrosion in high-temperature aqueous solutions: a contribution to the dissociation and solubility data influencing corrosion processes. <i>Journal of Supercritical Fluids</i> , 1999, 15, 205-227.	3.2	158
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35	The dissolution kinetics of quartz in aqueous mixed cation solutions. <i>Geochimica Et Cosmochimica Acta</i> , 1999, 63, 3715-3727.	3.9	221
36	Calcium adsorption at the rutile-water interface: a potentiometric study in NaCl media to 250°C. <i>Geochimica Et Cosmochimica Acta</i> , 1999, 63, 3087-3096.	3.9	53
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43	Gold in Porphyry Copper Deposits: Experimental Determination of the Distribution of Gold in the Cu-Fe-S System at 400Å to 700ÅC. <i>Economic Geology</i> , 2000, 95, 259-270.	3.8	71
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46	Potentiometric determination of cadmium acetate complexation in aqueous solutions to 250Å°C. <i>Chemical Geology</i> , 2000, 167, 11-24.	3.3	25
47	Complexation of Cu ²⁺ in oxidized NaCl brines from 25Å°C to 175Å°C: results from in situ EXAFS spectroscopy. <i>Chemical Geology</i> , 2000, 167, 65-73.	3.3	55
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57	Complexation of metal ions in brines: application of electronic spectroscopy in the study of the Cu(II)-LiCl-H ₂ O system between 25 and 90Å°C. <i>Geochimica Et Cosmochimica Acta</i> , 2001, 65, 2691-2708.	3.9	92
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106	Overview and General Concepts. <i>Reviews in Mineralogy and Geochemistry</i> , 2004, 55, 1-24.	4.8	87
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