

Calculation of the thermodynamic properties of aqueous
temperatures. Effective electrostatic radii, dissociation
molal properties to 1000 $\hat{\text{A}}^{\circ}\text{C}$ and 5 kbar

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Calculation of the thermodynamic properties and relative stabilities of aqueous acetic and chloroacetic acids, acetate and chloroacetates, and acetyl and chloroacetyl chlorides at high and low temperatures and pressures. <i>Applied Geochemistry</i> , 1992, 7, 291-308.	3.0	27
2	Estimation of standard partial molal entropies of aqueous ions at 25°C and 1 bar. <i>Geochimica Et Cosmochimica Acta</i> , 1992, 56, 3895-3908.	3.9	25
3	Determination of Fe-Cl complexing in the low pressure supercritical region (NaCl fluid): Iron solubility constraints on pH of seafloor hydrothermal fluids. <i>Geochimica Et Cosmochimica Acta</i> , 1992, 56, 3681-3692.	3.9	134
4	Effects of complex formation in flowing fluids on the hydrothermal solubilities of minerals as a function of fluid pressure and temperature in the critical and supercritical regions of the system H ₂ O. <i>Geochimica Et Cosmochimica Acta</i> , 1992, 56, 3191-3207.	3.9	30
5	Stability of peptides in high-temperature aqueous solutions. <i>Geochimica Et Cosmochimica Acta</i> , 1992, 56, 3481-3491.	3.9	120
6	SUPCRT92: A software package for calculating the standard molal thermodynamic properties of minerals, gases, aqueous species, and reactions from 1 to 5000 bar and 0 to 1000°C. <i>Computers and Geosciences</i> , 1992, 18, 899-947.	4.2	2,224
7	Literature cited (Chapters 1-10). <i>Origins of Life and Evolution of Biospheres</i> , 1992, 22, 191-242.	1.9	2
8	Petroleum, oil field waters, and authigenic mineral assemblages Are they in metastable equilibrium in hydrocarbon reservoirs. <i>Geochimica Et Cosmochimica Acta</i> , 1993, 57, 3295-3339.	3.9	261
9	Multiple Ion Association in Supercritical Aqueous Solutions of Single Electrolytes. <i>Science</i> , 1993, 261, 888-891.	12.6	98
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12	Aluminum hydrolysis constants to 250°C from boehmite solubility measurements. <i>Geochimica Et Cosmochimica Acta</i> , 1993, 57, 747-762.	3.9	74
13	Aldehydes in hydrothermal solution: Standard partial molal thermodynamic properties and relative stabilities at high temperatures and pressures. <i>Geochimica Et Cosmochimica Acta</i> , 1993, 57, 3835-3846.	3.9	66
14	Calculation of dissociation constants and the relative stabilities of polynuclear clusters of 1:1 electrolytes in hydrothermal solutions at supercritical pressures and temperatures. <i>Geochimica Et Cosmochimica Acta</i> , 1993, 57, 2673-2697.	3.9	45
15	Hydrothermal dehydration of aqueous organic compounds. <i>Geochimica Et Cosmochimica Acta</i> , 1993, 57, 3341-3349.	3.9	92
16	Organic ligand distribution and speciation in sedimentary basin brines, diagenetic fluids and related ore solutions. <i>Geological Society Special Publication</i> , 1994, 78, 175-202.	1.3	17
17	Electrical conductivity measurements of aqueous sodium chloride solutions to 600°C and 300 MPa. <i>Journal of Solution Chemistry</i> , 1994, 23, 997-1018.	1.2	146
18	Aqueous electrolytes at high temperatures: Comparison of experiment with simulation and continuum models. <i>Journal of Chemical Thermodynamics</i> , 1994, 26, 225-249.	2.0	36

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21	Thermodynamics of aqueous zinc: Standard partial molar heat capacities and volumes of Zn ²⁺ (aq) from 10 to 55°C. <i>Geochimica Et Cosmochimica Acta</i> , 1994, 58, 4867-4874.	3.9	14
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50	Revised Pourbaix diagrams for nickel at 25â€“300 Å°C. <i>Corrosion Science</i> , 1997, 39, 969-980.	6.6	276
51	Revised pourbaix diagrams for chromium at 25â€“300 Å°C. <i>Corrosion Science</i> , 1997, 39, 43-57.	6.6	185
52	Revised pourbaix diagrams for zinc at 25â€“300 Å°C. <i>Corrosion Science</i> , 1997, 39, 107-114.	6.6	161
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451	Energy yields for acetylenotrophy on Enceladus and Titan. <i>Icarus</i> , 2024, 411, 115969.	2.5	1
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453	The minimum energy required to build a cell. <i>Scientific Reports</i> , 2024, 14, .	3.3	0
454	Mineralâ€water reactions in Earthâ€™s mantle: Predictions from Born theory and ab initio molecular dynamics. <i>Geochimica Et Cosmochimica Acta</i> , 2024, 372, 111-123.	3.9	0