Number 3

A chemical and thermodynamic model of dioctahedral 2:1 layer clay minerals in diagenetic processes: dehydration of dioctahedral aluminous smectite as a function of temperature and depth in sedimentary basins
   Barbara Ransom and Harold C. Helgeson 245

Source of carbonate and origin of zonation in pyritiferous carbonate concretions: evaluation of a dynamic model
   Max L. Coleman and Rob Raiswell 282

Isotopic and fluid inclusion studies of fluid movement along the Gavarnie Thrust, central Pyrenees: reaction fronts in carbonate mylonites
   Andrew M. McCaig, David M. Wayne, Jim D. Marshall, Dave Banks, and Iain Henderson 309