

American Journal of Science

JUNE 2011

CONTENTS

- Evidence for oceanic control of interannual carbon cycle feedbacks
Jeffrey Park 485
- Thermodynamic model for reaction rim growth: Interface reaction and diffusion control
Rainer Abart and Elena Petrishcheva 517
- Stratigraphic context, geochemical, and isotopic properties of magmatism in the Siluro-Devonian inliers of northern Maine: Implications for the Acadian Orogeny
Adam Schoonmaker, William S. F. Kidd, Douglas N. Reusch, Michael J. Dorais, Thomas Gregg, and Christopher Spencer 528