

## CONTENTS

- K. SHIMIZU, T. USHUKUBO, M. HAMADA, S. ITOH, Y. HIGASHI, E. TAKAHASHI and M. ITO: H<sub>2</sub>O, CO<sub>2</sub>, F, S, Cl, and P<sub>2</sub>O<sub>5</sub> analyses of silicate glasses using SIMS: Report of volatile standard glasses ..... 299
- A. MENDOZA-FLORES, M. VILLALOBOS, T. PI-PUIG and N. V. MARTÍNEZ-VILLEGAS: Revised aqueous solubility product constants and a simple laboratory synthesis of the Pb(II) hydroxycarbonates: Plumbonacrite and hydrocerussite ..... 315
- S. P. GODAD, S. S. NAIK and P. D. NAIDU: 70 kyr record of denitrification and oxygenation changes in the eastern Arabian Sea ..... 329
- A. BARKAT, A. ALI, N. SIDDIQUE, A. ALAM, M. WASIM and T. IQBAL: Radon as an earthquake precursor in and around northern Pakistan: A case study ..... 337
- S. KIM and B.-K. KHIM: Estimate of glacial silicic acid reduction over the last 600 ka in the Bering Sea using  $\delta^{30}\text{Si}$  of diatom frustules ..... 347
- Y. KIM, Y. KODAMA and G. J. FOCHESSATTO: Environmental factors regulating winter CO<sub>2</sub> flux in snow-covered black forest soil of Interior Alaska ..... 359
- F. LIU, J. SUN, J. WANG and Y. ZHANG: Groundwater acidification in shallow aquifers in Pearl River Delta, China: Distribution, factors, and effects ..... 373

**EXPRESS LETTER**

- H. KAJITA, A. YAMAZAKI, T. WATANABE, C.-C. WU, C.-C. SHEN and T. WATANABE: Holocene sea surface temperature variations recorded in corals from Kikai Island, Japan ..... e9