Shizuo Tsunogai

Introduction: Geochemical Cycles and Global Changes -- 647-650

Hitoshi Kawabata, Hisashi Narita, Koh Harada, Shizuo Tsunogai and Masashi Kusakabe

Air-Sea Gas Transfer Velocity in Stormy Winter Estimated from Radon Deficiency -- 651-661

Hodaka Kawahata and Lallan Prasad Gupta

El Niño/Southern Oscillation (ENSO) Related Variations in Particulate Export Fluxes in the Western and Central Equatorial Pacific -- 663-670

Makio C. Honda

Biological Pump in Northwestern North Pacific -- 671-684

Shizuo Tsunogai, Kentaro Kawada, Shuichi Watanabe and Takaumi Aramaki


Kota Katsuki, Kozo Takahashi and Makoto Okada

Diatom Assemblage and Productivity Changes during the Last 340,000 Years in the Subarctic Pacific -- 695-707

Akihisa S. Otsuki, Shuichi Watanabe and Shizuo Tsunogai

Absorption of Atmospheric CO2 and Its Transport to the Intermediate Layer in the Okhotsk Sea -- 709-717

Yutaka W. Watanabe, Akifumi Shimamoto and Tsuneo Ono

Comparison of Time-Dependent Tracer Ages in the Western North Pacific: Oceanic Background Levels of SF6, CFC-11, CFC-12 and CFC-113 -- 719-729

Shinji Hashimoto and Yoshiaki Maita

Fluxes of Amino Acid and Hexosamine in Sinking Particles in Subarctic and Arctic Coastal Regions -- 731-738

Hisashi Narita, Ryota Abe, Kazuhiba Tate, Young-Il Kim, Koh Harada and Shizuo Tsunogai

Anomalous Large Scavenging of 230Th and 231Pa Controlled by Particle Composition in the Northwestern North Pacific -- 739-750