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1. *Sampling soil-derived CO₂ for analysis of isotopic composition: a comparison of different techniques*, Teresa Bertolini, Ilaria Inghima, Mauro Rubino, Fabio Marzaioli, Carmine Lubritto, Jens-Arne Subke, Alessandro Peressotti, M. Francesca Cotrufo
(Volume 42 Number 1/March 2006)
2. *Real-time field measurements of stable isotopes in water and CO₂ by Fourier transform infrared spectrometry*, David W. T. Griffith, Ian Jamie, Michael Esler, Stephen R. Wilson, Stephen D. Parkes, Christopher Waring, Glenn W. Bryant
(Volume 42 Number 1/March 2006)
3. *Applications of cavity ring-down spectroscopy to high precision isotope ratio measurement of ¹³C/¹²C in carbon dioxide*, H. Wahl, Bernard Fidric, Chris W. Rella, Sergei Koulikov, Boris Kharlamov, Sze Tan, Alexander A. Kachanov, Bruce A. Richman, Eric R. Crosson, Barbara A. Paldus, Shashi Kalaskar, David R. Bowling
(Volume 42 Number 1/March 2006)
4. *Isotopic discrimination during litter decomposition and d¹³C and d¹⁵N soil profiles in a young artificial stand and in an old floodplain forest*, Paola Gioacchini, Andrea Masia, Francesca Canaccini, Pietro Boldreghini, Giustino Tonon
(Volume 42 Number 2/June 2006)
5. *What are the instrumentation requirements for measuring the isotopic composition of net ecosystem exchange of CO₂ using eddy covariance methods?* †, Scott R. Saleska, Joanne H. Shorter, Scott Herndon, Rodrigo Jiménez, J. Barry McManus, J. William Munger, David D. Nelson, Mark S. Zahniser
(Volume 42 Number 2/June 2006)
6. *Sulphur and oxygen isotopic characters of dissolved sulphate in groundwater from the Pleistocene aquifer in the southern Jordan Valley (Jericho area, Palestine)*, Saed Khayat, Heinz Hötzl, Stefan Geyer, Wasim Ali, Kay Knöller, Gerhard Strauch
(Volume 42 Number 3/September 2006)
7. *Carbon and oxygen isotope working standards from C₃ and C₄ photosynthates* †, Jorge E. Spangenberg
(Volume 42 Number 3/September 2006)
8. *Assessment of the amount of body water in the Red Knot (Calidris canutus): an evaluation of the principle of isotope dilution with ²H, ¹⁷O, and ¹⁸O as measured with laser spectrometry and isotope ratio mass spectrometry*, Erik R. T. Kerstel, Theunis A. J. Piersma, G. Jim Gessaman, Anne Dekinga, Harro A. J. Meijer, G. Henk Visser
(Volume 42 Number 1/March 2006)
9. *Simultaneous ¹³C/¹²C and ¹⁸O/¹⁶O isotope ratio measurements on CO₂ based on off-axis integrated cavity output spectroscopy*, Hans-Jürg Jost, Antonio Castrillo, H. William Wilson
(Volume 42 Number 1/March 2006)

10. *Measuring* the $^{13}\text{C}/^{12}\text{C}$ isotope ratio in atmospheric CO_2 by means of laser absorption spectrometry: a new perspective based on a 2.05- μm diode laser, Antonio Castrillo, Giovanni Casa, Antonio Palmieri, Livio Gianfrani (Volume 42 Number 1/March 2006)

Papers 1-3 and 8-10 from this list are published in Issue 1: A special issue dedicated to:

Stable Isotope Ratio Infrared Spectrometry (SIRIS) Workshop, August, 6 to 8, 2004, Vienna, Austria.

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