

Biological fractionation of isotopes

Academic Press - Biological fractionation of Zn isotopes in aquatic invertebrates, Chinese Journal of Geochemistry



Description: -

- Isotopes.

- Metabolism.

- Compartmental analysis (Biology)

- Biogeochemical cycles.

- Isotopes -- Metabolism.biological fractionation of isotopes

- biological fractionation of isotopes

Notes: Translation of, Priroda biologicheskogo frak t sionirovani i a izotopov.

This edition was published in 1984



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Tags: #Biological #fractionation #of #stable #Ca #isotopes #in #Göttingen #minipigs #as #a #physiological #model #for #Ca #homeostasis #in #humans

Fractionation of carbon isotopes in oxygenic photosynthesis

The RuBisCO oxygenase activity, called , causes the RuBP substrate to be lost to oxigenation, and consumes energy in doing so.

Biological Fractionation of Lead Isotopes in Sprague

C4 plants have developed the pathway to conserve water loss, thus are more prevalent in hot, sunny, and dry climates.

Biological Fractionation of Lead Isotopes in Sprague

Organic carbon contains less of the stable isotope , or 13C, relative to the initial inorganic carbon from the atmosphere or water because photosynthetic carbon fixation involves several fractionating reactions with.

Biological fractionation of stable Ca isotopes in Göttingen minipigs as a physiological model for Ca homeostasis in humans

Von den interessantesten Beobachtungen auf dem Gebiet, welche spezielle Beachtung gefunden haben seien folgende erwähnt: Die tödl. Bulletin of the World Health Organization 78 9 : 1068—1077. Phytoplankton geometry that maximizes surface area to volume should have larger isotopic fractionation from photosynthesis.

Biological fractionation of lead isotopes in Sprague

This monograph will be of interest to biologists, geochemists, analytical chemists, and geologists. C3 plants do not grow well in very hot or arid regions, in which C4 and CAM plants are better adapted.

Fractionation of carbon isotopes in oxygenic photosynthesis

Isotopic Composition of the Carbon of Organisms I.

Biological fractionation of stable carbon isotopes at the aerobic/anaerobic water interface of meromictic water bodies

Mass-spectrometric investigation of carbon isotope composition $\delta^{13}\text{C}$ was carried out for suspended organic matter and dissolved mineral compounds for the water column of some meromictic water bodies differing in salinity and trophic state.

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