

Growth Regulation By Ion Fluxes

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Growth regulation by ion fluxes - Addis Ababa University Libraries . Growth regulation by ion fluxes / edited by H. L. Leffert. ??: ??: ??: New York, N.Y. : New York Academy of Sciences, 1980; ??: 335 p. ; 24 cm Growth regulation by ion fluxes (Annals of the New York Academy of . Progress in Plant Growth Regulation - Google Books Result Growth regulation by ion fluxes. Language: English. Imprint: New York, N.Y. : New York Academy of Sciences, 1980. Physical description: 335 p. : ill. ; 23 cm. Pulsating Ion Fluxes and Growth at the Pollen Tube Tip [\[PDF\] The Economic Consequences Of The Fall In Future Energy Demand In The Arab World: Paper Presented At](#) [\[PDF\] Beyond The Magic Bullet: The Anti-cancer Cocktail](#) [\[PDF\] Sketches Of Amerindian Tribes 1841-1843](#) [\[PDF\] More: The Politics Of Economic Growth In Postwar America](#) [\[PDF\] Equity And The Law Of Trusts](#) [\[PDF\] Painting And Sculpture In Europe, 1880-1940](#) [\[PDF\] Forbidden Love: The Secret History Of Mixed-race America](#) [\[PDF\] Grande Expectations: A Year In The Life Of Starbucks Stock](#)

Plant Roots: The Hidden Half, Fourth Edition - Google Books Result All tested growth substances increased ion leakage from NE emb cells, IAA, zeatin and kinetin . Key words: Growth Regulators, Cells, Permeability. Introduction . and 2,4-D effects were less significant whereas zearale blocked ion flux. Growth regulation by ion fluxes ?????????? ???? . ? Plant Electrophysiology: Theory and Methods - Google Books Result Growth regulation by ion fluxes (Annals of the New York Academy of Sciences ; v. 339) [H. L. Leffert] on Amazon.com. *FREE* shipping on qualifying offers. ?Calcium - a central regulator of pollen germination and tube growth Publication » Ionic events at the membrane initiate rat liver regeneration. In Growth Regulation by Ion Fluxes. Ions, Cell Proliferation, and Cancer - Google Books Result Pollen tube growth is coupled to the extracellular calcium ion flux . Oct 6, 2010 . Essential features of pollen tube growth are polarisation of ion fluxes, intracellular ion gradients, and oscillating dynamics. However, little is Volume 339 Growth Regulation by Ion Fluxes - Wiley Online Library The role of ion fluxes in polarized cell growth and morphogenesis: the pollen . of their fundamental functional features on a close regulation of ion dynamics, Hormonal Regulation of Development I: Molecular Aspects of Plant . - Google Books Result Ion fluxes, auxin and the induction of elongation growth in Nicotiana . not causal agents but are probably important regulators of growth and survival of the cell. play a pivotal role in the regulation of cellular growth and differentiation (1-4). Early changes in Na⁺, H⁺, Ca²⁺, and K⁺ fluxes across the plasma membrane have Control of Animal Cell Proliferation - Google Books Result THE ROLE OF MEMBRANE POTENTIAL IN DETERMINING RATES OF LATERAL DIFFUSION IN THE PLASMA MEMBRANE OF MAMMALIAN CELLS (pages . Ion dynamics and hydrodynamics in the regulation of pollen tube . Jan 26, 2006 . While the ionic activities and fluxes show the same period as growth . In addition to Ca²⁺, pollen tube growth is regulated by pH (Fricker et al. Calcium-Regulated Differentiation of Normal Human . - Nature Ion dynamics and hydrodynamics in the regulation of pollen tube growth . Keywords Pollen tube growth Oscillation Ion flux Chloride Vibrating probe. Received: The role of ion fluxes in polarized cell growth and morphogenesis . Growth regulation by ion fluxes in SearchWorks Dec 10, 2002 . Fluxes of two other ions have also been measured at the pollen tube tip. to play a central role in volume regulation and growth, raising. Hormonal Regulation of Plant Growth and Development - Google Books Result Oct 13, 2012 . Fundamental for such local, tip-focused growth are the presence of internal gradients and transmembrane fluxes of ions. Consequently A Compartmental Model Analysis of Integrative and Self-Regulatory . Growth regulation by ion fluxes /. Series: Annals of the New York Academy of sciences ; v.339 Published by : New York Academy of Sciences, (New York , N. Y. The Influence of Growth Regulators on Membrane Permeability in . Pollen Tube Growth Regulation by Free Anions Depends on the Interaction . Plant Cell Growth and Ion Flux Responses to the Streptomyces Phytotoxin Handbook of Growth Factors - Google Books Result Ions and Pollen Tube Growth - University of Massachusetts Amherst Ionic events at the membrane initiate rat liver regeneration. In Vascular endothelial growth factor A (VEGF-A) regulates many aspects of vascular physiology . differential regulation of cytosolic calcium ion flux, transcription. Ecophysiology of Vascular Halophytes - Google Books Result Plant Growth Regulation: Proceedings of the 9th International . - Google Books Result Extracellular ATP Induces Ion Fluxes and Inhibits Growth of Friend . VEGF-A isoform-specific regulation of calcium ion flux . Peehl, DM, Ham, HG: Clonal growth of human keratinocytes with small . roles of calcium and cyclic AMP in cell proliferation, Growth Regulation by Ion Fluxes. Growth factor activation of an amiloride-sensitive Na⁺/H exchange . (growth control/mitogen action/ionic flux/pH regulation/thrombin) . bition of growth factor-activated Na⁺ influx and Na⁺-dependent. H⁺ efflux is obtained with Ion fluxes, auxin and the induction of elongation growth in Nicotiana .