

1. Record Nr.	UNINA9910677916403321
Autore	Campbell Anthony K.
Titolo	Intracellular calcium / / by Anthony K. Campbell
Pubbl/distr/stampa	Chichester, England : , : Wiley, , 2015 ©2015
ISBN	1-118-67553-3 1-118-67541-X 0-470-69511-0 1-118-67552-5
Descrizione fisica	1 online resource (842 p.)
Disciplina	574.87/61
Soggetti	Calcium
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and indexes.
Nota di contenuto	Volume one -- Setting the scene - what is so special about calcium? -- Intracellular calcium : principles and terminology -- One hundred years plus of intracellular calcium -- How to study intracellular calcium -- How Ca <sup>2+</sup> is regulated inside cells -- How Ca <sup>2+</sup> works inside cells -- Volume two -- How Ca <sup>2+</sup> regulates animal cell physiology -- Calcium in micro-organisms -- Calcium in plants and fungi -- The pathology of intracellular Ca <sup>2+</sup> -- The pharmacology of intracellular Ca <sup>2+</sup> -- Darwin and 4000 million years of intracellular Ca <sup>2+</sup> -- They think it's all over!.
Sommario/riassunto	Thousands of imaginative scientists, over more than a century, have revealed the fascinating story of intracellular calcium, through a pathway of ingenious invention and discovery. Intracellular Calcium, the definitive book on this topic, reveals: The pathway of discovery and invention of intracellular calcium over more than 100 years. The evidence for intracellular calcium as a universal switch in all animal, plant, fungal and microbial cells. How the components required for calcium signalling are named and classified. The ingenious technology, which has been developed to study intracellular c