

Calcium

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Calcium is the chemical element with the symbol Ca and atomic number 20. It has an atomic mass of 40.078. Calcium is a soft grey alkaline earth metal, and is the fifth most abundant element in the Earth's crust. It is essential for living organisms, particularly in cell physiology, and is the most common metal in many animals. ([From the Wikipedia article Calcium](#).)

Recent Publications on Calcium:



- [Alterations in GluR2 AMPA receptor phosphorylation at serine 880 following group I metabotropic glutamate receptor stimulation in the rat dorsal striatum.](#)
*Phosphorylation of ionotropic glutamate receptors in the brain plays a...*13th November, 2009
Department of Biological Sciences, Pusan National University, Pusan,- J Neurosci Res. 2009 Nov 11. ([DOI Direct Link](#))
- [Systemic Administration of Lipopolysaccharide Induces Cyclooxygenase-2 Immunoreactivity in Endothelium and Increases Microglia in the Mouse Hippocampus.](#)
*In this study, we observed the effects of lipopolysaccharide (LPS) on...*13th November, 2009
Department of Anatomy and Cell Biology, College of Veterinary Medicine and- Cell Mol Neurobiol. 2009 Nov 12. ([DOI Direct Link](#))
- [\[Prevention of endodontic interappointment emergencies after one-visit root canal therapy on deciduous teeth with METAPEX.\]](#)
*PURPOSE: To evaluate the clinical effect of calcium hydroxide-iodoform...*13th November, 2009
.Department of Stomatology, People's Hospital of Shangyu City. Shangyu- Shanghai Kou Qiang Yi Xue. 2009 Oct;18(5):486-8.
- [\[Quantification of remineralized effect of casein phosphopeptide-amorphous calcium phosphate on post-orthodontic white spot lesion.\]](#)
*PURPOSE: The aim of this study was to quantify the changes in...*13th November, 2009
Department of Pediatric Dentistry, Jilin University. Changchun 130041,- Shanghai Kou Qiang Yi Xue. 2009 Oct;18(5):449-54.
- [Gateways to clinical trials.](#)
*AAV1/SERCA2a, Abacavir sulfate/lamivudine, Adalimumab, Aliskiren fumarate,...*13th November, 2009
Prous Science, S.A.U.,- Methods Find Exp Clin Pharmacol. 2009 Sep;31(7):463-93.
- [Identification and Characterization of a Dual-Acting Antinematodal Agent against the Pinewood Nematode, *Bursaphelenchus xylophilus*.](#)
*The pinewood nematode (PWN), Bursaphelenchus xylophilus, is a mycophagous...*13th November, 2009
Yonsei Proteome Research Center and Department of Biochemistry, College of- PLoS One. 2009 Nov 11;4(11):e7593. ([DOI Direct Link](#))

- [Inhibition of calcineurin phosphatase promotes exocytosis of renin from juxtaglomerular cells.](#)
*To examine the role of the calcium/calmodulin-dependent phosphatase...*13th November, 2009
Department of Physiology and Pharmacology, Institute of Medical Biology,- Kidney Int. 2009 Nov 11. ([DOI Direct Link](#))
- [The skin's barrier.](#)
*The skin provides an effective barrier between the organism and the...*13th November, 2009
Department of Dermatology, University Hospitals of Schleswig-Holstein,- G Ital Dermatol Venereol. 2009 Dec;144(6):689-700.
- [Mucus hypersecretion in asthma: intracellular signalling pathways as targets for pharmacotherapy.](#)
*PURPOSE OF REVIEW: Airway mucus hypersecretion is a pathophysiological...*13th November, 2009
Airway Disease, National Heart & Lung Institute, Imperial College London,- Curr Opin Allergy Clin Immunol. 2009 Nov 10. ([DOI Direct Link](#))
- [Efficacy of Convective-Controlled Double High-Flux Hemodiafiltration versus On-Line Hemodiafiltration: 1-Year Prospective Study.](#)
*Background: A recent cross-sectional study demonstrated that...*13th November, 2009
Extracorporeal Multiorgan Support Dialysis Excellent Center, Chulalongkorn- Blood Purif. 2009 Nov 7;29(1):35-43. ([DOI Direct Link](#))
- [A Putative 'Pre-Nervous' Endocannabinoid System in Early Echinoderm Development.](#)
*Embryos and larvae of sea urchins (Lytechinus variegatus,...*13th November, 2009
Shemyakin-Ovchinnikov Institute of Bioorganic Chemistry, Moscow, Russia.- Dev Neurosci. 2009 Nov 12. ([DOI Direct Link](#))
- [Effects of Olmesartan, an Angiotensin II Receptor Blocker, and Amlodipine, a Calcium Channel Blocker, on Cardio-Ankle Vascular Index \(CAVI\) in Type 2 Diabetic Patients with Hypertension.](#)
*Aim: Recently, a novel device for measuring the cardio-ankle vascular...*13th November, 2009
Department of Internal Medicine, Sakura Medical Center, School of- J Atheroscler Thromb. 2009 Oct;16(5):621-6.
- [Calcium and diabetic vascular dysfunction. Focus on "Elevated Ca²⁺ sparklet activity during acute hyperglycemia and diabetes in cerebral arterial smooth muscle"](#)
*Editorial focus...*13th November, 2009
1University of Vermont.- Am J Physiol Cell Physiol. 2009 Nov 11. ([DOI Direct Link](#))
- [Calcineurin Activates Interleukin-6 Transcription in Mouse Skeletal Muscle In Vivo and in C2C12 Myotubes In Vitro.](#)
*Expression of the cytokine interleukin-6 (IL-6) by skeletal muscle is...*13th November, 2009
University of Colorado, Boulder.- Am J Physiol Regul Integr Comp Physiol. 2009 Nov 11. ([DOI Direct Link](#))
- [STIM1-induced precortical and cortical subdomains of the endoplasmic reticulum.](#)
*Store-operated calcium entry relies on the formation of a specialized...*13th November, 2009
Department of Cell Physiology and Metabolism, University of Geneva Medical- Proc Natl Acad Sci U S A. 2009 Nov 11. ([DOI Direct Link](#))

BioNews Results for Calcium

- [Life Sciences: New life sciences study results reported from F. Gambino et al](#)
NewsRX: Nov 14 2009 5:14AM Matching: calcium
- [New finding suggests prostate biopsy is not always necessary](#)
Modern Medicine: Nov 14 2009 12:08AM Matching: calcium
- [Research Reveals Lipid's Unexpected Role In Triggering Death Of Brain Cells](#)
Medical News Today: Nov 13 2009 4:48PM Matching: calcium
- [According to new research lipid that accumulates in brain cells drives cell death](#)
News-Medical.Net: Nov 13 2009 1:42PM Matching: calcium

- [Research reveals lipids' unexpected role in triggering death of brain cells](#)
PhysOrg.com: Nov 13 2009 10:42AM Matching: calcium
- [Society for Neuroscience Report Highlights Ability of Jellyfish Protein to Protect Neurons Following a Stroke](#)
Pharma Live: Nov 13 2009 8:34AM Matching: calcium
- [Lipids' Unexpected Role In Triggering Death Of Brain Cells Revealed](#)
Science Daily: Nov 13 2009 12:55AM Matching: calcium
- [Fennel can improve digestion, blood pressure](#)
Gainesville Sun: Nov 13 2009 9:20PM Matching: calcium
- [Ivabradine shows efficacy, tolerability in diabetics with stable CAD](#)
MedWire News: Nov 13 2009 8:26PM Matching: calcium
- [Jazz Pharmaceuticals, Inc. - Pharmaceuticals & Healthcare - Deals and Alliances Profile - new report PR inside](#)
Nov 13 2009 5:22PM Matching: calcium
- [Medical News: Research Reveals Lipid's Unexpected Role In Triggering Death Of Brain Cells](#)
BioFind: Nov 13 2009 1:16PM Matching: calcium
- [Effects of calcium supplementation on lipids, blood pressure, and body composition in healthy older men: a randomized controlled trial](#)
MDLinx: Nov 13 2009 12:41PM Matching: calcium
- [Roxas to Pfizer: Spare retail drugs stores from patent war - Zibb...](#)
Zibb: Nov 13 2009 8:41AM Matching: calcium
- [Roxas to Pfizer: Spare retail drugs stores from patent war](#)
TradingMarkets: Nov 13 2009 7:34AM Matching: calcium
- [CRESTOR \(rosuvastatin calcium\)](#)
Medscape: Nov 13 2009 5:53AM Matching: calcium

Calcium Clinical Trials:



- [Effect of Calcium Supplement Particle Size and Vitamin D Supplement on Calcium Retention in Adolescent Girls](#)

Calcium Patents:



- 7615635- [N-formyl hydroxylamines](#)
- 7615668- [Method for producing 4,4,4-trifluorobutane-2-one](#)
- 7615670- [Method for making chlorohydrin in liquid phase in the presence of heavy compounds](#)
- 7615672- [Process for the preparation of n-heneicosane](#)
- 7615676- [Transgenic screen and method for screening modulators of brain-derived neurotrophic factor](#)

(BDNF) production

- 7615679- Method of producing polyunsaturated fatty acids, novel biosynthesis genes, and novel plant expression constructs
- 7615681- Methods for modifying plant responses to stress and correspondingly derived plants
- 7615682- Dry bean line 08550813
- 7615683- Dry bean line 08540800
- 7615684- Dry bean line 08530714
- 7615685- Methods of producing human or animal food from stably transformed, fertile maize plants
- 7615667- Process for producing cycloalkanol and/or cycloalkanone
- 7615664- Phenylactanamides
- 7615661- Thioester compounds and their use in fragrance or flavor applications
- 7615639- 1-pyridyl-benzofuro[3,2-b]pyridin-2(1H)-ones
- 7615640- Organic dye, photoelectric conversion material, semiconductor electrode and photoelectric conversion device
- 7615642- Therapeutic compounds
- 7615643- Benzimidazole thiophene compounds
- 7615647- Process for producing atorvastatin hemicalcium
- 7615649- Synthesis of polycyclic procyanidins
- 7615651- Diaryl, dipyridinyl and aryl-pyridinyl derivatives and uses thereof
- 7615653- Anti-tuberculosis taxane compounds
- 7615654- Direct epoxidation process
- 7615660- Production process of alkoxy-titanium complex
- 7615686- Expression and use of novel pesticidal toxins
- 7615687- Soybean variety 0232405
- 7615837- Lithography device for semiconductor circuit pattern generation
- 7615923- Dual-plate organic electro-luminescent device and method for manufacturing the same
- 7615925- Light-emitting element, light-emitting device, and electronic device
- 7615929- Ceramic lamps and methods of making same
- 7615942- Cast dielectric composite linear accelerator
- 7616119- Method of locating pipelines using RFID technology
- 7616317- Reflectometer and associated light source for use in a chemical analyzer
- 7616373- Display device particles, process for producing the same, image-display medium, and image-forming device
- 7616380- Optical part and projection type display apparatus using same
- 7616858- Light guiding plate made of transparent resin, surface-emitting light source apparatus and process for manufacturing light guiding plate
- 7615797- Phosphor composition and method for producing the same, and light-emitting device using the same
- 7615792- Light-emitting device, method of manufacturing the same, and display unit
- 7615780- DNA biosensor and methods for making and using the same
- 7615688- Soybean variety D4713125
- 7615692- Plants and seeds of hybrid corn variety CH946240
- 7615693- Plants and seeds of corn variety EX7834
- 7615694- Plants and seeds of corn variety CV988815
- 7615695- Plants and seeds of hybrid corn variety CH394140
- 7615696- Plants and seeds of hybrid corn variety CH160029
- 7615697- Plants and seeds of hybrid corn variety CH060503
- 7615703- Electrolyte composition, dye-sensitized solar cell and production method thereof
- 7615741- Determining organic carbon downhole from nuclear spectroscopy
- 7615778- Organic electroluminescent device, pixel structure, array and driving method thereof
- 7616991- Method for digital cardiac rhythm management

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