

Biomimetic Calcium Phosphate Coatings

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BIOMIMETIC AND ELECTRODEPOSITED CALCIUM-PHOSPHATES ...

Sat, 06 Aug 2016 23:55:00 GMT

biomimetic and electrodeposited calcium-phosphates coatings on ti - formation, surface characterization, biological response | intechopen, published on: 2012-09-06.

BIOMIMETIC CALCIUM PHOSPHATE COATINGS ON NITRIC-ACID ...

Tue, 25 Apr 2017 04:47:00 GMT

this study describes biomimetic calcium phosphate (ca-p) coatings formation under simulated physiological conditions on ti surfaces that go through nitric acid

BIOMIMETIC CALCIUM PHOSPHATE COATINGS ON RECOMBINANT ...

Sat, 06 May 2017 11:50:00 GMT

biomimetic calcium phosphate coatings on recombinant spider silk fibres view the table of contents for this issue, or go to the journal homepage for more

A REVIEW PAPER ON BIOMIMETIC CALCIUM PHOSPHATE COATINGS

Sat, 25 Feb 2017 17:17:00 GMT

a review paper on biomimetic calcium phosphate coatings the open biomedical engineering journal, 2015, volume 9 57 2.1. biomimetic calcium phosphate coating techniques

ENZYMATIC PH CONTROL FOR BIOMIMETIC DEPOSITION OF CALCIUM ...

Sun, 16 Apr 2017 18:12:00 GMT

enzymatic ph control for biomimetic deposition of calcium phosphate coatings arnold w.g. nijhuisa,1, m. reza nejadnika,1, fabio nudelmanb, x. frank walboomersa, joost ...

BIOMIMETIC CALCIUM PHOSPHATE IMPLANT COATINGS AND METHODS ...

Mon, 09 Oct 2000 23:59:00 GMT

this invention encompasses porous, nanocrystalline, biomimetic calcium phosphate coatings of the order of 2-30 microns that can be grown on metal implants. the ...

BIOMIMETIC CALCIUM PHOSPHATE COATINGS AS BONE ...

Sun, 30 Apr 2017 04:34:00 GMT

use of recombinant human bone morphogenetic protein-2 (rhbmp-2) has been shown to enhance spinal fusion rates. case reports of soft-tissue swelling, ectopic bon

CELLULAR PERFORMANCE COMPARISON OF BIOMIMETIC CALCIUM ...

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the influence of biomimetic calcium phosphate coating on osteoblasts behavior in vitro is not well established yet. in this study, we investigated the behavior of ...

A REVIEW PAPER ON BIOMIMETIC CALCIUM PHOSPHATE COATINGS

Fri, 07 Apr 2017 23:38:00 GMT

abstract. biomimetic calcium phosphate coatings have been developed for bone regeneration and repair because of their biocompatibility, osteoconductivity, and easy ...

BIOMIMETIC CALCIUM PHOSPHATE COATING ON TI-7.5MO ALLOY FOR ...

Fri, 09 Sep 2011 23:55:00 GMT

to test the capability of the material to spontaneously form a calcium phosphate layer in vitro and verify that the deposition of biomimetic ca-p coatings can be ...

BIOMIMETIC CALCIUM PHOSPHATE COATINGS FOR POLYMERIC ...

Wed, 10 Nov 2010 23:57:00 GMT

biomimetic calcium phosphate coatings for polymeric artificial spinal disc implants d. h. barnes 1 *, r. e. cameron 1, s. kiami 1,2 f. meyer 3, r. a. brooks 3, n ...

BIOMIMETIC CALCIUM PHOSPHATE COMPOSITE COATING OF ... - YU

Tue, 11 Apr 2017 04:06:00 GMT

738 volume 21, number 5, 2006 biomimetic calcium phosphate composite coating of dental implants henning schliephake, md, dds, phd1/dieter scharnweber, phd2/sophie ...

BIOMIMETIC CALCIUM PHOSPHATE COATINGS ON RECOMBINANT ...

Sat, 04 Mar 2017 03:47:00 GMT

calcium phosphate ceramic coatings, applied on surfaces of metallic and polymeric biomaterials, can improve their performance in bone repair and regeneration.

BIOLOGICAL ACTIVITIES OF BIOMIMETIC CALCIUM PHOSPHATE ...

Mon, 01 May 2017 21:22:00 GMT

calcium phosphate (ca-p) coated metallic prostheses have been highly successful in orthopedic surgery due to their osteoconductive properties. the osseointegration of ...

PATENT US6129928 - BIOMIMETIC CALCIUM PHOSPHATE IMPLANT ...

Fri, 31 Mar 2017 23:03:00 GMT

this invention encompasses porous, nanocrystalline, biomimetic calcium phosphate coatings of the order of 2-30 microns that can be grown on metal implants.

COATINGS | SPECIAL ISSUE : ADVANCED BIOMIMETIC CALCIUM ...

Thu, 27 Apr 2017 15:07:00 GMT

dear colleagues, biomimetic calcium phosphate coatings have been developed for bone regeneration and repair because of their biocompatibility, osteoconductivity, and ...

BIOMIMETIC PROCESSING OF CALCIUM PHOSPHATE COATING ...

Mon, 10 Apr 2017 14:37:00 GMT

calcium phosphate ceramics would be an ideal bone substitute material if they were not brittle. this ceramic system possesses good tissue responses and can also have ...

BIOMIMETIC CALCIUM PHOSPHATE COATINGS - DNCFEFO

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BIOMIMETIC CALCIUM-PHOSPHATE COATINGS | ORTHOPAEDIC ...

Fri, 21 Apr 2017 18:20:00 GMT

recent improvements in ha-coating technique make it possible to apply ha by different methods. the most promising is the precipitation technique. a thin ca-p of 10 ...

BIOMIMETIC PROCESSING OF CALCIUM PHOSPHATE COATING

Sat, 15 Apr 2017 17:23:00 GMT

medical engineering & physics 20 (1998) 602–606 biomimetic processing of calcium phosphate coating necesio costa a,*, peter m. maquis b a faculty of mechanical ...

IN VITRO ASSESSMENT OF THE CORROSION PROTECTION OF ...

Wed, 05 Apr 2017 04:06:00 GMT

in vitro assessment of the corrosion protection of biomimetic calcium phosphate coatings on magnesium _____ a ...

BIOMIMETIC CEMENTLESS COATING TECHNOLOGY - REVOLUTION SURGICAL

Mon, 17 Apr 2017 20:34:00 GMT

our advanced biomimetic calcium phosphate (cap) coating has a microcrystalline structure which maintains substrate surface roughness providing a

BIOMIMETIC CALCIUM PHOSPHATE COATINGS - QQETTFO

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INFLUENCE OF COATING BATH CHEMISTRY ON BIOMIMETIC CALCIUM ...

Wed, 05 Apr 2017 14:36:00 GMT

emerging materials research volume 2 issue emr5 264 influence of coating bath chemistry on biomimetic calcium phosphate coatings yang and gray-munro

CONTROLLING BOVINE SERUM ALBUMIN RELEASE FROM BIOMIMETIC ...

Mon, 17 Apr 2017 12:13:00 GMT

biomimetic calcium phosphate coatings xiaohua yu, mei wei* department of chemical, materials & biomolecular engineering, university of connecticut, storrs, ...

INFLUENCE OF COATING BATH CHEMISTRY ON BIOMIMETIC CALCIUM ...

Tue, 02 May 2017 17:17:00 GMT

therefore, in this study, a two-stage coating process was used to produce biomimetic calcium phosphate coatings on the alloy surface.

LASER-ASSISTED BIOMIMETIC PROCESS FOR CALCIUM PHOSPHATE ...

Sat, 25 Mar 2017 21:58:00 GMT

bioceramics 24: laser-assisted biomimetic process for calcium phosphate coating on a hydroxyapatite ceramic

PREPARATION AND IN VITRO EVALUATION OF A BIOMIMETIC ...

Tue, 19 Apr 2016 23:55:00 GMT

preparation and in vitro evaluation of a biomimetic nanoscale calcium phosphate coating on a polyethylene terephthalate artificial ligament. authors:

RGDC PEPTIDE-INDUCED BIOMIMETIC CALCIUM PHOSPHATE COATING ...

Fri, 28 Apr 2017 04:14:00 GMT

materials article rgdc peptide-induced biomimetic calcium phosphate coating formed on az31 magnesium alloy lin cao 1, lina wang 1, lingying fan 1, wenjun xiao 1 ...