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网页翻译

关闭

Novel zinc alloys for biodegradable surgical staples



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77,300 条结果 时间不限

Biodegradable Surgical Staple Composed of ... 翻译此页

Cited by: 1

Author: Hizuru Amano, Kotaro Hanada, Akinari Hi...

Publish Year: 2019

2019-10-11 · Currently, surgical staples are composed of non-biodegradable titanium (Ti) that can cause allergic reactions and interfere with imaging. This paper proposes a novel biodegradable magnesium (Mg

...
<https://www.nature.com/articles/s41598-019-51123-x>

Research of a novel biodegradable surgical staple ... 翻译此页

位置: 8600 Rockville Pike, Bethesda, MD

2016-10-5 · Titanium and titanium alloys surgical staples are widely used in the reconstruction of the intestinal tract and stomach . The application of staples in gastrointestinal anastomosis shorten the operation time, reduce surgical complication and alleviate the patient's pain. ... In the present study, a novel biodegradable surgical staple made of HP ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5883960>

Research of a novel biodegradable surgical staple ... 翻译此页

Research of a novel biodegradable surgical staple made of high purity magnesium ... The macroscopic view of closed biodegradable surgical staples with (a) original staple and (b) modified staple ...

https://www.researchgate.net/publication/308978411_Research_of_a_novel_biodegradable...

Research of a novel biodegradable surgical staple ... 翻译此页

Volume 4, Issue 2, December 2016, Pages 482-488, Research of a novel biodegradable surgical staple

QQ浏览器可使用 Ctrl+Alt+A 截图

我知道了

Name of Journal: *World Journal of Clinical Cases*

Manuscript NO: 50739

Manuscript Type: BASIC STUDY

Basic Study

Novel zinc alloys for biodegradable surgical staples

Amano H *et al.* Biodegradable zinc-based staple

Hizuru Amano, Koichi Miyake, Akinari Hinoki, Kazuki Yokota, Fumie Kinoshita, Atsuko Nakazawa, Yujiro Tanaka, Yasuhiro Seto, Hiroo Uchida

Abstract

BACKGROUND

The development of biodegradable surgical staples is desirable as non-biodegradable Ti alloy staples reside in the human body long after wound

Match Overview

| | | |
|---|----------------------------------------------------------------------------------------------------------------------------------------------------------|-----|
| 1 | Crossref 43 words Hizuru Amano, Kotaro Hanada, Akinari Hinoki, Takahisa Tai ... aka et al. "Biodegradable Surgical Staple Composed of Magn | 1% |
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Zn-alloy provides a novel platform for mechanically stable ...

<https://journals.plos.org/plosone/article?id=10.1371/journal.pone.0209111> ▾

Metallic Zn alloys have recently gained interest as potential candidates for developing platforms of bioresorbable vascular stents (BVS). Previous studies revealed that Mg alloys used for BVS can degrade too early, whereas PLLA materials may fail to provide effective scaffolding properties. Here we report on results of a new bioresorbable, metallic stent made from a Zn-Ag alloy studied in a ...

Cited by: 1

Author: Christoph Hehrlein, Björn Schorch, Nadia ...

Publish Year: 2019

Development of biodegradable Zn-1X binary alloys with ...

<https://www.nature.com/articles/srep10719>

May 29, 2015 · This resulted in development of novel biodegradable Zn-based alloys without Al or other harmful elements. ... 4 and 8 after surgical implantation. ...

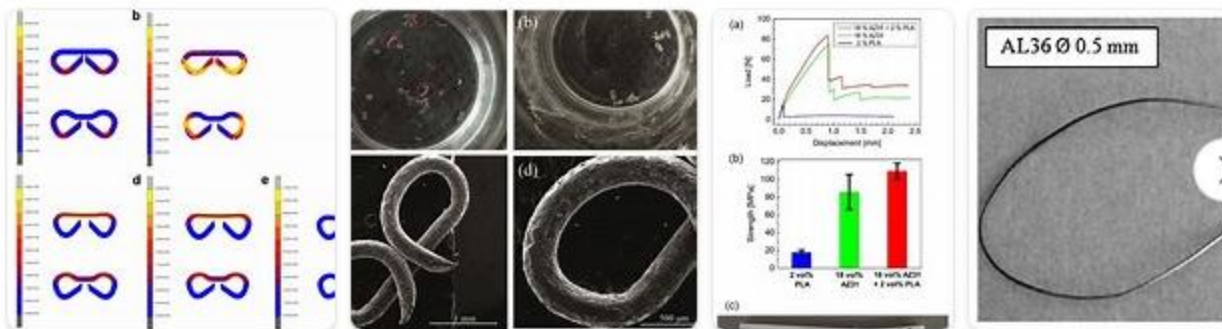
Cited by: 124

Author: H. F. Li, X. H. Xie, X. H. Xie, X. H. Xie, Y. ...

Publish Year: 2015

Images of novel zinc Alloys for Biodegradable Surgical staples

bing.com/images



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Research of a novel biodegradable surgical staple made of ...

https://www.researchgate.net/publication/308978411_Research_of_a_novel_biodegradable...

Research of a novel biodegradable surgical staple made of high purity. ... This paper proposes a novel biodegradable magnesium (Mg) alloy staple and discusses analyses conducted to evaluate its