



资源定位

按学科浏览

按字顺浏览

快速检索

高级检索

检索历史

检索结果

文献来源

文摘

全文

参考引文

辅助工具

引文管理

储存检索

提醒功能

馆员专区

账户管理

馆员通讯

Home Search Browse My Tools Information & Services

Search all journals: [Advanced Search](#)

个人账户登录

Welcome to SAGE Journals

[Find Out What's New](#)

New! Search and Browse by Discipline

- Browse Journals by Discipline
- Advanced Search by Discipline

Sign Up for Alerts

Receive alerts for

- New Issues
- OnlineFirst articles
- Custom search results
- Citations of selected articles
- Special announcements

Search All Journals

Browse Journal List

My Tools

Information & Services

More from SAGE

Visit the SAGE website for more information on other products

- Books
- Textbooks
- Reference
- Additional products

New Journals

View a list of new launches and publishing partnerships



Access SAGE journals on the go!

Learn more about our mobile optimized journal sites.

平台功能快速链接



Browse journals by title

Use the following alphabetical list to select a journal. Limit your browse to My Favorite Journals or SAGE Journals Available to Me via the Browse Within options below. Expand or collapse alphabetical journal lists by clicking the + or - buttons next to each letter. Click on a letter from the horizontal list below to quick jump to corresponding journal lists further down the page. Select a journal title to view its homepage and learn more about the journal, view its issue archives, or conduct searches.

You may also choose to browse [journals by discipline](#).

[Learn more about browsing SAGE journals by title.](#)

Browse Within

My Favorite Journals

SAGE Journals Available to Me

All SAGE Content

设定浏览范围

按刊名字母顺序浏览

| A | B | C | D | E | F | G | H | I | J | K | L | M | N | O | P | Q | R | S | T | U | V | W | X | Y | Z |

+ A	Back to Top
+ B	Back to Top
+ C	Back to Top
+ D	Back to Top
+ E	Back to Top
+ F	Back to Top
+ G	Back to Top
+ H	Back to Top
+ I	Back to Top
+ J	Back to Top
+ L	Back to Top
+ M	Back to Top

Browse journals by discipline

Browse journals by these four primary topics and their corresponding disciplines. Limit your browse to My Favorite Journals or SAGE Journals Available to Me via the Browse Within options below. Expand or collapse primary topic areas to view additional disciplines and corresponding journals within each group by clicking the + or - buttons. Select a journal title to view its homepage and learn more about the journal, view its issue archives, or conduct searches.

You may also choose to browse [journals by title](#).

[Learn more](#) about browsing SAGE journals by discipline.

Browse Within

- My Favorite Journals ?
- SAGE Journals Available to Me ?
- All SAGE Content

- + Health Sciences
- + Life & Biomedical Sciences
- + Materials Science & Engineering
- + Social Sciences & Humanities

按照学科 浏览期刊

REVIEW OF EDUCATIONAL RESEARCH

An Official Journal of the American Educational Research Association

- Home
- OnlineFirst
- All Issues
- Subscribe
- RSS
- Email Alerts

Search this journal

Advanced Journal Search



Review of Educational Research

The *Review of Educational Research (RER)* publishes critical, integrative reviews of research literature bearing on education, including conceptualizations, interpretations, and syntheses of literature and scholarly work in a field broadly relevant to education and educational research.

Impact Factor: 3.127
 Ranked 2 out of 177 in Education & Educational Research
 Source: 2010 Journal Citation Reports® (Thomson Reuters, 2011)

- OnlineFirst**
(Forthcoming articles published ahead of print)
- Current Issue: June 2011**
- All Issues**
January 1931 - June 2011

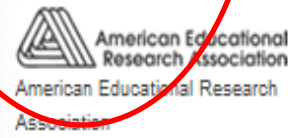
- Submit a Manuscript
- Free Sample Copy
- Email Alerts
- RSS feed

期刊简介

More about this journal

Other journals by AERA

- American Educational Research Journal
- Educational Evaluation and Policy Analysis
- Educational Researcher
- Journal of Educational and Behavioral Statistics
- Review of Research in Education



#1 journal in Education & Educational Research (IF: 3.326) in the 2009 Journal Citation Report!

期刊影响因子及排名

该协会的其他期刊

Source: 2010 Journal Citation Reports® (Thomson Reuters, 2011)

▶ **OnlineFirst**

(Forthcoming articles published ahead of print)

▶ **Current Issue: June 2011**

▶ **All Issues**

January 1931 - June 2011

按期刊卷，期浏览文献

Educational Evaluation and Policy Analysis

Educational Researcher

Journal of Educational and Behavioral Statistics

Review of Research in Education

American Educational Research Association
American Educational Research Association

Estimating Causal Effects
Using Experimental and Observational Designs
A Think Tank White Paper

★ #1 journal in Education & Educational Research (IF: 3.326) in the 2009 Journal Citation Report!

A Think Tank White Paper
Estimating Causal Effects
Using Experimental and Observational Designs

YOUR INPUT MATTERS
Submit your Letter to ER
Click for details
EDUCATIONAL RESEARCHER


For an alternate route to Review of Educational Research Online use this URL: <http://intl-rer.sagepub.com>

[More Information]

被阅读和引用得最多的文章

Most Read Most Cited

- ▶ The Power of Feedback
- ▶ Effective Reading Programs for the Elementary Grades: A Best Evidence Synthesis
- ▶ The Impact of Induction and Mentoring Programs for Beginning Teachers: A Critical Review of the Research
- ▶ Evaluating Alignment Between Curriculum, Assessment, and Instruction
- ▶ Boundary Crossing and



Search all journals: 
 Advanced Search

快速检索

Welcome to SAGE Journals

[Find Out What's New >](#)

New! Search and Browse by Discipline

-  Browse Journals by Discipline
-  Advanced Search by Discipline

Sign Up for Alerts 

Receive alerts for

-  New Issues
-  OnlineFirst articles
-  Custom search results
-  Citations of selected articles
-  Special announcements

- [Search All Journals](#)
- [Browse Journal List](#)
- [My Tools](#)
- [Information & Services](#)

[Go >](#)



More from SAGE

Visit the SAGE website for more information on other products

- Books
- Textbooks
- Reference
- Additional products

New Journals 

View a list of new launches and publishing partnerships



Access SAGE journals on the go!

Learn more about our mobile optimized journal sites. 

Sign In to gain access to subscriptions and/or My Tools.

Advanced Search

Advanced searches of SAGE Journals Online use a signature fielded Boolean system. Use this award-winning search tool to construct a query specifying your terms and their logical relationships using the Boolean operators AND, OR, and NOT. [Learn more](#) about advanced searches on SAGE Journals Online.

(and)
 and and

+ Add Row

Search Within

SAGE Journals Available to Me All SAGE content My Favorite
 Select from a list of disciplines Select from a complete list of journals

Date Range

Jan 1847 through Sep 2012

Format Results

Display Standard Format showing 10 results per page sorted by relevance date

- All fields
- All fields
- Title
- Author (Last Name)
- Abstract
- Full Text
- Key Words
- References
- Affiliation
- DOI
- Journal Name
- ISSN
- Volume
- Issue
- First Page
- Year

Search

Clear All Fields

Search

Clear All Fields

布尔逻辑判断

字段筛选

设置时间段

Search History – Last Ten Searches

The Search History page keeps track of your 10 most recent searches run during your current browser session. As you run searches on the site, your most recent search is of the list. If you exceed 10 searches during your browser session, your oldest search is removed from the Search History page. Learn more about search history on SAGE.

Check items below to combine searches.

Search for: *Finite-element-based* in all fields and *stainless steel* in all fields, from Jan 1847 through Feb 2013 in all SAGE content (20 results)

[Edit Search](#) | [Add to Saved Searches](#) | [Run Search](#) | [Delete Search](#) | [Save as Alert](#)

Search for: *Heat Treatment* in all fields and *Numerical* in all fields, from Jan 1847 through Feb 2013 in all SAGE content (638 results)

[Edit Search](#) | [Add to Saved Searches](#) | [Run Search](#) | [Delete Search](#) | [Save as Alert](#)

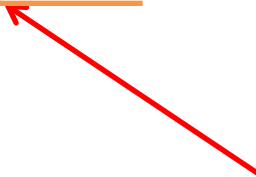
Combine Searches with a Boolean "AND" Combine Searches with a Boolean "OR"

Search

对最近10条检索公式执行编辑，储存，运算，删除等操作



对多条检索公式执行逻辑运算



Search Results

Results 1-10 of 638 found for **Heat Treatment** in all fields and **Numerical** in all fields, from Jan 1847 through Feb 2013 in all SAGE content.

高亮显示检索公式



Numerical and Experimental Study on the Effect of Post-Weld Heat Treatment Parameters on the Relaxation of Welding Residual Stresses

I Akbarzadeh, M J Attarha, M Salehi, and I Sattari-Far
The Journal of Strain Analysis for Engineering Design, February 1, 2011; vol. 46, 2: pp. 79-86.

...simulation of the *heat treatment* process is quite...problem. Therefore, *numerical* methods particularly...fourth point after *heat treatment* of the sample...experi- mental and *numerical* results, which...holding period for *heat treatment* of this group...

完整的文献出处

Check Item | Abstract | Full Text (PDF) | References



Predictions and measurements of residual stresses from forging and heat treatment

V Lacarac, C C Chang, A N Bramley, M J Tierney, C A McMahon, and D J Smith
Proceedings of the Institution of Mechanical Engineers, Part B: Journal of Engineering Manufacture, March 1, 2004; vol. 218, 3: pp. 301-313.

...from forging and *heat treatment* V Lacarac...Experimental results and *numerical* simulations show...stresses|forging|*heat treatment*|microstructures...from forging and *heat treatment* V Lacarac1...Experimental results and *numerical* simulations show...

Check Item | Abstract | Full Text (PDF) | References



Combined Butt Joint Welding and Post Weld Heat Treatment Simulation Using SYSWELD and ABAQUS

A A Deshpande, D W J Tanner, W Sun, T H Hyde, and G McCartney
Proceedings of the Institution of Mechanical Engineers, Part L: Journal of Materials Design and Applications, January 1, 2011; vol. 225, 1: pp. 1-10.

Modify Results

Citation format: standard
 Results / page: 10
 Results order: relevance

Go

This search

Save as Alert
 Download all citations on this page to my citation manager

My Marked Citations

Check All Uncheck All
 ADD citations [0]
 VIEW citations

Save/Print/Email/Download

Search Results

Next 10 »
 New Search

标注, 文摘, 全文, 参考文献

THE JOURNAL OF STRAIN ANALYSIS

FOR ENGINEERING DESIGN

[Home](#)[OnlineFirst](#)[All Issues](#)[Subscribe](#)[RSS](#)[Email Alerts](#)[« Return to Search Results | Edit My Last Search](#)[Search this journal](#)[Advanced Journal Search »](#)

Microstructural response and fluid flow mechanisms in cartilage loading: New insights using a novel indentation method

A Thambyah¹L Zhao¹N Broom¹

¹Biomaterials Laboratory, Department of Chemical and Materials Engineering
University of Auckland, New Zealand

Abstract

A novel indentation method was used to investigate the response of articular cartilage in the non-directly loaded region. The indenter contained a relief channel that allowed a tissue bulge to develop within it under load. Healthy bovine tissue samples were statically loaded at a nominal compressive stress of 3.6 MPa. The tissue's equilibrium deformed state was chemically fixed. Differential interference contrast microscopy was used to obtain high-resolution images of the deformed microstructure in the region of the tissue bulge.

At the submicro-level, the fibrillar resistance to load is highly complex such that regions of relative compression and tension coincide along a single radial direction. This fibrillar level response is manifested as large-scale matrix shear effects within the bulge region. Further, the surface layer, besides being strain-limiting in the tangential direction, has an intrinsic resistance to axial load. Finally, the pattern of load-induced fluid flow is seen to traverse zonal depths and hence suggests an added complexity to the overall permeability in the deformed tissue matrix.

[« Previous | Next Article »](#)[Table of Contents](#)

完整的作者信息

The Journal of Strain Analysis for
Engineering Design July 1, 2009 vol. 44
no. 5 319-326

» [Abstract Free](#)

[Full Text \(PDF\)](#)  *Free to you*
[References Free to you](#)

Services

- ▶ [Email this article to a colleague](#)
- ▶ [Alert me when this article is cited](#)
- ▶ [Alert me if a correction is posted](#)
- ▶ [Similar articles in this journal](#)
- ▶ [Download to citation manager](#)
- ▶ [Request Permissions](#)
- ▶ [Request Reprints](#)

Citing Articles

- ▶ [Citing articles via Web of Science \(3\)](#)
- ▶ [Citing articles via Google Scholar](#)

Google Scholar

- ▶ [Articles by Thambyah, A.](#)
- ▶ [Articles by Broom, N.](#)
- ▶ [Search for related content](#)

Share

Current Issue

▶ August 2012, 47 (6)



▶ [Alert me to new issues of The Journal of Strain Analysis for Engineering Design](#)

通过Web of Science 和Google 学术引擎了解这篇文章的被引用情况

More about this journal

- ▶ [About the Journal](#)
- ▶ [Editorial Board](#)

Google学术引擎检索同一作者的文章

References

1. Maroudas A. *Physico-chemical properties of articular cartilage*. In *Adult articular cartilage*, 2nd edition (Ed. Freeman M. A. R.), 1979 (Pitman Medical, Tunbridge Wells).
2. Mankin H. J., Mow V. C., Buckwalter J. A., Iannotti J. P., Ratcliffe A. Articular cartilage structure, composition, and function. In *Orthopaedic basic science: biology and biomechanics of the musculoskeletal system*, 2nd edition (Eds Buckwalter J. A., Einhorn T. A., Simon S. R.), 2000, pp. 443–470 (American Academy of Orthopaedic Surgeons, Rosemont, Illinois).
3. Martin R. B., Burr D. M., Sharkey N. A. *Skeletal biology. Skeletal tissue mechanics*, 1998, pp. 29–79 (Springer-Verlag, New York).
4. Kempson G. E., Freeman M. A., Swanson S. A. The determination of a creep modulus for articular cartilage from indentation tests of the human femoral head *J. Biomech.* 4 (4) (1971 239–250 » [CrossRef](#) » [Medline](#) » [Order article via Infotrieve](#) » [Web of Science](#)
5. Hayes W. C., Keer L. M., Herrmann G., Mockros L. F. A mathematical analysis for indentation tests of articular cartilage *J. Biomech.* 5 (5) (1972 541–551 » [CrossRef](#) » [Medline](#) » [Order article via Infotrieve](#) » [Web of Science](#)
6. Hori R. Y., Mockros L. F. Indentation tests of human articular cartilage *J. Biomech.* 9 (4) (1976 259–268 » [CrossRef](#) » [Medline](#) » [Order article via Infotrieve](#) » [Web of Science](#)
7. Hoch D. H., Grodzinsky A. J., Koob T. J., Albert M. L., Eyre D. R. Early changes in material properties of rabbit articular cartilage after meniscectomy *J. Orthop. Res.* 1 (1) (1983 4–12 » [CrossRef](#) » [Medline](#) » [Order article via Infotrieve](#)
8. Mak A. F., Lai W. M., Mow V. C. Biphasic indentation of articular cartilage—I. Theoretical analysis *J. Biomech.* 20 (7) (1987 703–714 » [CrossRef](#) » [Medline](#) » [Order article via Infotrieve](#) » [Web of Science](#)
9. Mow V. C., Gibbs M. C., Lai W. M., Zhu W. B., Athanasiou K. A. Biphasic

This Article

doi: 10.1243/03093247JSA493

The Journal of Strain Analysis for
Engineering Design July 1, 2009 vol. 44 no.
5 319-326

Abstract *Free*

Full Text (PDF)  *Free to you*

» References *Free to you*

悬浮窗口提供快速跳转选择

丰富的参考文献交叉链接，帮助读者直接访问相关文献，解更多信息

@ Email Alerts »

邮件提醒功能

Sign up to receive one or more of the following alerts:

- New issues
- OnlineFirst articles
- Custom search results
- Citations of selected articles
- Special announcements

[Learn more](#) about email alerts

📄 My Marked Citations »

当前标注的引用

Keep track of article citations as you browse. Learn more about [My Marked Citations](#).

📄 Saved Searches & Saved Citations »

已保存的检索公式和引用

Save article citations and search criteria for future use. Learn more about [Saved Citations & Saved Searches](#)

★ My Favorite Journals »

我最常用的期刊

Pre-select journals for customized searching and browsing of *SAGE Journals Online*. Learn more about [My Favorite Journals](#)

👤 Manage My Account »

账户管理功能

▶ Advanced Search by Discipline

More from SAGE

Visit the SAGE website for more information on other products

- Books
- Textbooks
- Reference
- Additional products

2010 - 2011年: 1,105篇国内学术论文发表于SAGE旗下刊物

- 自然科学: 35%
- 人文社科: 55%
- 交叉学科: 10%

Useful General Information

实用信息

来自中国的编辑139名

清华大学: 17

北京大学: 7

武汉大学: 5

中国社会科学院: 5

浙江大学: 4

上海交通大学: 4

中国科学院: 4

东华大学: 3

移动时代的用户服务



Go Mobile!

移动化访问

支持iPhone, Android及其他智能手机浏览全文、存档、检索

New! Mobile Vouchering

机构用户专享
校外授权

一次操作可授权
6个月的校外访问

New! Podcasts

教学工具型产品

通过编辑、著者的评注及特邀嘉宾的访谈, 提供更具洞察力的学术资源

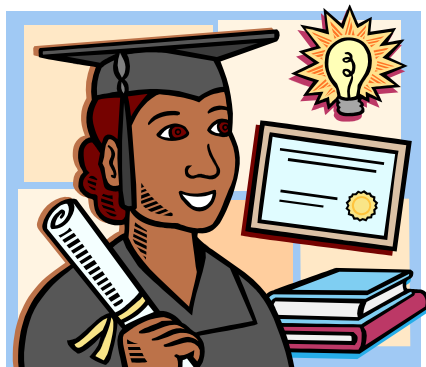
更为人性化的校友服务

Support Alumni!

毕业后仍可继续以校友身份访问

Free to Universities

不再收取额外费用



 **SAGE**

欢迎联系 SAGE 国内办事处

dalong.chen@sagepub.co.uk

新浪微博: <http://weibo.com/sagepub>

MANY THANKS!

Hi 加入新浪微博支持我吧!

分享我的最新动向, 与我一对一交流, 有机会得到惊喜礼物哦!

已有帐号? 马上登录 | 用其他帐号登录

电子邮箱:

立即注册



SAGE_Insight

http://weibo.com/sagepub

北京, 朝阳区 | 公司: SAGE Publica...

简介: Social blog managed by SAGE to connect acadmics, librarians and the public. 更多资料>>

+ 加关注

她的微博

个人资料

关注(121)

粉丝(191)

微群(0)

相册(2)

游戏(0)

个人照片

查看全部



SAGE_Insight发表的微博 (252)

【IPG ACADEMIC & PROFESSIONAL PUBLISHER OF THE YEAR 2012】非常高兴的向大家宣布: SAGE荣获独立出版商同业公会颁发的2012年度学术专业出版社奖

新浪认证

SAGE中国及台湾地区首席代表

申请认证>

121 191 267

关注 粉丝 微博

她的关注 (121)



高校图...



法律图...



黑龙江...



OCLC...



Wiley...



立人图...



杭师大...



华东师...



汕头金...