

Google Scholar

Saleh Akbarzadeh

آشنایی با Google Scholar

The image shows a screenshot of the Google Scholar homepage as viewed in a Windows Internet Explorer browser. The browser's address bar displays the URL <http://scholar.google.com/>. The page features the Google Scholar logo, a search input field with a "Search" button, and links for "Advanced Scholar Search" and "Scholar Preferences". Below the search area, there are radio buttons for "Articles" (selected) and "Legal opinions and journals", with a checked box for "include patents". The slogan "Stand on the shoulders of giants" is prominently displayed in green. At the bottom of the page, there are links for "About Google Scholar", "All About Google", and "My Citations", along with a copyright notice "©2012 Google". The browser's taskbar at the bottom shows several open applications, including "Lesson 2, Part 1", "Lesson 2, Part 2", "Presentation1", and "Google Scholar - Wi...". The system tray on the right indicates the time as 02:34 and the date as 1387/02/24.

Difference between Google and Google Scholar

The screenshot shows a Windows Internet Explorer browser window with the following details:

- Address Bar:** `http://scholar.google.com/scholar?hl=en&q=crack+&as_sdt=0%2C5&as_ylo=&as_vis=1`
- Search Bar:** Contains the text "crack".
- Filters:** "Scholar" (Articles and patents), "anytime", "at least summaries", and "Create email alert".
- Results:** "Results 1 - 10 of about 1,960,000. (0.51 sec)"
- Search Results:**
 - 1. A critical analysis of crack propagation laws**
PC Paris... - Journal of Basic Engineering, 1963 - mendeley.com
Abstract The practice of attempting validation of crack-propagation laws with a small amount of data, such as a few single specimen test results, is questioned. It is shown that all the laws, though they are mutually contradictory, can be in agreement with the same small ...
[Cited by 2307](#) - [Related articles](#) - [Cached](#) - [All 2 versions](#)
 - 2. Regulation of tenascin-C, a vascular smooth muscle cell survival factor that interacts with the $\alpha v\beta 3$ integrin to promote epidermal growth factor receptor ...**
PL Jones, J Crack... - The Journal of cell biology, 1997 - jcb.rupress.org
Abstract Tenascin-C (TN-C) is induced in pulmonary vascular disease, where it colocalizes with proliferating smooth muscle cells (SMCs) and epidermal growth factor (EGF). Furthermore, cultured SMCs require TN-C for EGF-dependent growth on type I collagen. ...
[Cited by 263](#) - [Related articles](#) - [BL Direct](#) - [All 9 versions](#)
 - 3. The bending stress distribution at the base of a stationary crack**
ML Williams - Journal of applied mechanics, 1961 - link.aip.org
Extending an earlier paper dealing with extensional stress distributions, this study considers the stresses around a crack point owing to bending loads. It is found first that the stresses possess the characteristic inverse square-root singularity in terms of distance from the ...
[Cited by 1594](#) - [Related articles](#) - [All 2 versions](#)
 - 4. Studies on crack initiation and stable crack growth**
C Initiation - Elastic-plastic fracture: a symposium, 1979 - books.google.com
ABSTRACT: Experimental results are presented which suggest that parameters based on the J-integral and the crack opening tip displacement δ are viable characterizations of crack

The taskbar at the bottom shows the Start button, several open applications (Lesson 2, Part 1, Lesson 2, Part 2, Google Scholar, crack - Google Scho...), and system tray icons including the clock showing 02:52.

crack initiation - Google Scholar - Windows Internet Explorer

http://scholar.google.com/scholar?q=crack+initiation&hl=en&btnG=Search&as_sdt=1%2C5&as_sdtp=on

File Edit View Favorites Tools Help

Scopus - Sources http://www.sciencedirect.com/ crack initiation - Google S... crack initiation - Google Search

+You Search Images Videos Maps News Shopping Gmail More

Google scholar crack initiation Search Advanced Scholar Search My Citations

Scholar Articles and patents anytime include citations Create email alert Results 1 - 10 of about 356,000. (0.17 sec)

Studies on crack initiation and stable crack growth
C Initiation - Elastic-plastic fracture: a symposium, 1979 - books.google.com
ABSTRACT: Experimental results are presented which suggest that parameters based on the J-integral and the crack opening tip displacement δ are viable characterizations of crack initiation and stable crack growth. Observations based on some theoretical studies and ...
Cited by 128 - Related articles - All 5 versions

A theory of crack initiation and growth in viscoelastic media
RA Schapery - International Journal of Fracture, 1975 - Springer
Abstract A theory is developed for predicting the time-dependent size and shape of cracks in linearly viscoelastic, isotropic media. First, the effect of a narrow zone of disintegrating material at the crack tip on opening displacement and on a finite stress distribution ahead ...
Cited by 421 - Related articles - All 9 versions

A model for crack initiation in elastic/plastic indentation fields [PDF] from nist.gov
BR Lawn... - Journal of Materials science, 1977 - Springer
A model is proposed for the initiation of microfracture beneath sharp indenters. Using a simple approximation for the tensile stress distribution in the elastic/plastic indentation field, in conjunction with the principle of geometrical similarity, fracture mechanics procedures ...
Cited by 259 - Related articles - All 5 versions

A dislocation model for fatigue crack initiation
K Tanaka... - Journal of applied mechanics, 1981 - link.aip.org
The slip band formed in a grain on the material surface is a preferential site for crack initiation during low strain fatigue of polycrystalline metals. The forward and reverse plastic flow within the slip band is modeled in the present study by dislocations with different ...
Cited by 205 - Related articles - All 4 versions

start Lesson 2, Part 1 Lesson 2, Part 2 Presentation1 crack initiation - Go... روشهای تحقیق و م EN Desktop 02:36

crack initiation - Google Scholar - Windows Internet Explorer

http://scholar.google.com/scholar?q=crack+initiation&hl=en&btnG=Search&as_sdt=1%2C5&as_sdt=on

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Articles and patents

[Studies on](#) Articles excluding patents [e crack growth](#)

[C Initiation](#) Legal opinions and journals [posium, 1979 - books.google.com](#)

[ABSTRACT:](#) All federal courts [nted which suggest that parameters based on](#)

[the J-integral](#) California courts [acement 8 are viable characterizations of crack](#)

[initiation an](#) Advanced search... [tions based on some theoretical studies and ...](#)

[Cited by 128](#) - [Related articles](#) - [All 5 versions](#)

[A theory of crack initiation and growth in viscoelastic media](#)

Google scholar crack initiation Search

Scholar Articles and patents anytime include citations Create email

anytime

[Studies on crack initiation and stable crack growth](#)
since 2012
C Initiation - Elastic-plastic fracture: a symposium
since 2011
ABSTRACT: Experimental results are presented that parameters based on the J-integral and the crack opening tip displacement
since 2010
initiation and stable crack growth. Observations
since 2009
Cited by 128 - Related articles - All 5 versions
since 2008
since 2007
since 2006

[A theory of crack initiation and growth in linearly viscoelastic, isotropic media](#)
since 2005
RA Schapery - International Journal of Fracture
since 2004
Abstract A theory is developed for predicting the crack growth rate in linearly viscoelastic, isotropic media. First, the crack growth rate is determined as a function of the crack tip opening displacement
since 2003
material at the crack tip on opening displacement
since 2002
Cited by 421 - Related articles - All 9 versions
since 2001
since 2000
since 1999

[A model for crack initiation in elastic-plastic media](#)
since 1998
BR Lawn... - Journal of Materials science, 1997
since 1997
A model is proposed for the initiation of microcracks in elastic-plastic media. The model is based on a simple approximation for the tensile stress distribution ahead of a crack tip
since 1996
in conjunction with the principle of geometrical similarity
since 1995
since 1994
since 1993
tation fields
ath sharp indenters. Using a
elastic/plastic indentation field,
cture mechanics procedures ...

[A dislocation model for fatigue crack initiation](#)
K Tanaka - Journal of applied mechanics, 1981 - link.springer.com

Advanced Scholar Search

The screenshot shows the Google Advanced Scholar Search page in a Windows Internet Explorer browser. The address bar displays the URL: http://scholar.google.com/advanced_scholar_search?q=crack+&hl=en&as_sdt=0,5&as_vis=1. The browser's menu bar includes File, Edit, View, Favorites, Tools, and Help. The toolbar shows various icons for navigation and utility. The page content is titled "Google scholar Advanced Scholar Search" and includes a search bar with the text "crack". Below the search bar, there are several options for finding articles: "with all of the words", "with the exact phrase", "with at least one of the words", "without the words", and "where my words occur". The "where my words occur" option is selected, and a dropdown menu shows "anywhere in the article". To the right of the search bar, there is a "Results per page:" dropdown set to "10" and a "Search Scholar" button. Below the search bar, there are sections for "Author", "Publication", and "Date", each with a text input field and a "Return articles" label. The "Collections" section is titled "Articles and patents" and includes a radio button for "Search articles in all subject areas (include patents)" and a radio button for "Search only articles in the following subject areas:". Under the second radio button, there are several checkboxes for subject areas: "Biology, Life Sciences, and Environmental Science", "Medicine, Pharmacology, and Veterinary Science", "Business, Administration, Finance, and Economics", "Physics, Astronomy, and Planetary Science", "Chemistry and Materials Science", "Social Sciences, Arts, and Humanities", and "Engineering, Computer Science, and Mathematics", which is checked. The browser's taskbar at the bottom shows the Start button, several open applications (Lesson 2 Part 1, Lesson 2, Part 2, Google Scholar, Google Advanced S...), and the system tray with the date and time (03:06).