



Springer

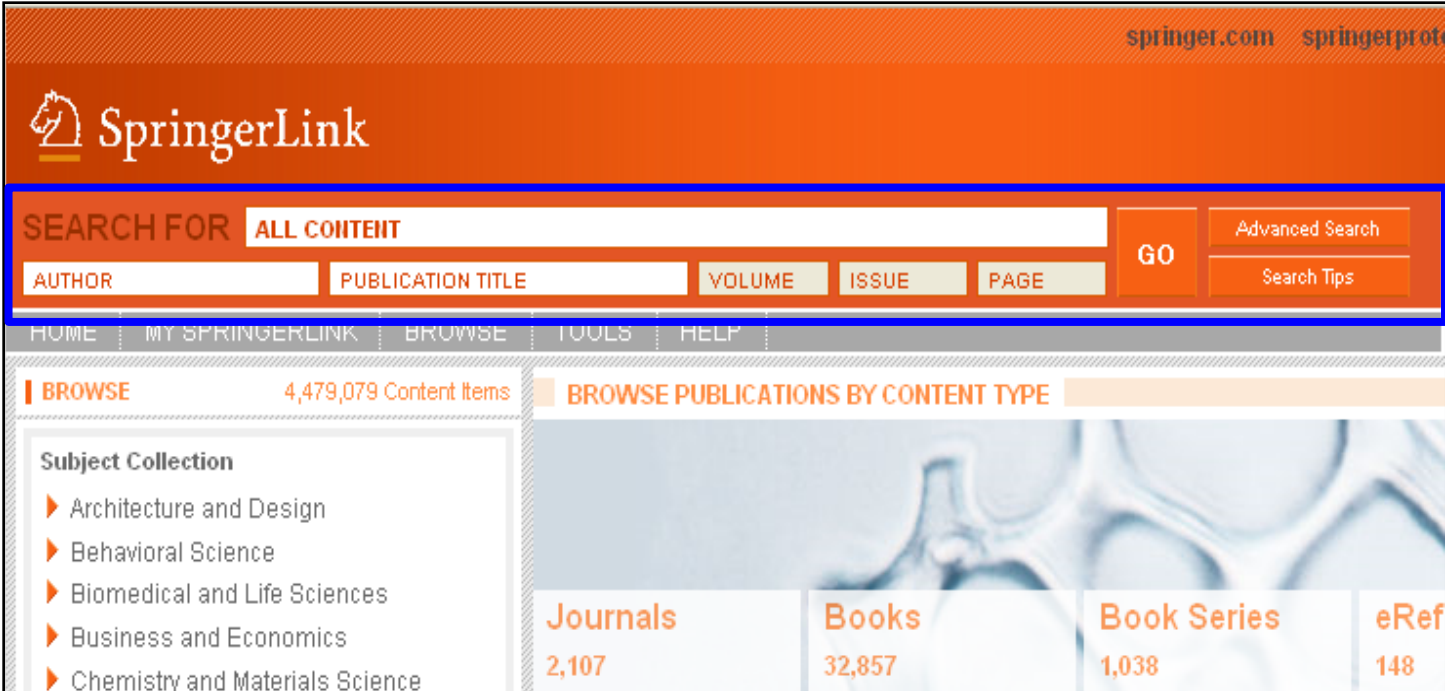
science+business media

SpringerLink


Quick Training

augustus 2010

Zoeken op SpringerLink



springer.com springerpro

 SpringerLink

1 SEARCH FOR **ALL COIITEIT**

AUTHOR PUBLICATION TITLE VOLUME ISSUE PAGE

HOME MY SPRINGERLINK BROWSE TOOLS HELP

BROWSE 4,479,079 Content Items **BROWSE PUBLICATIONS BY CONTENT TYPE**

Subject Collection

- ▶ Architecture and Design
- ▶ Behavioral Science
- ▶ Biomedical and Life Sciences
- ▶ Business and Economics
- ▶ Chemistry and Materials Science

Journals 2,107	Books 32,857	Book Series 1,038	eRef 148
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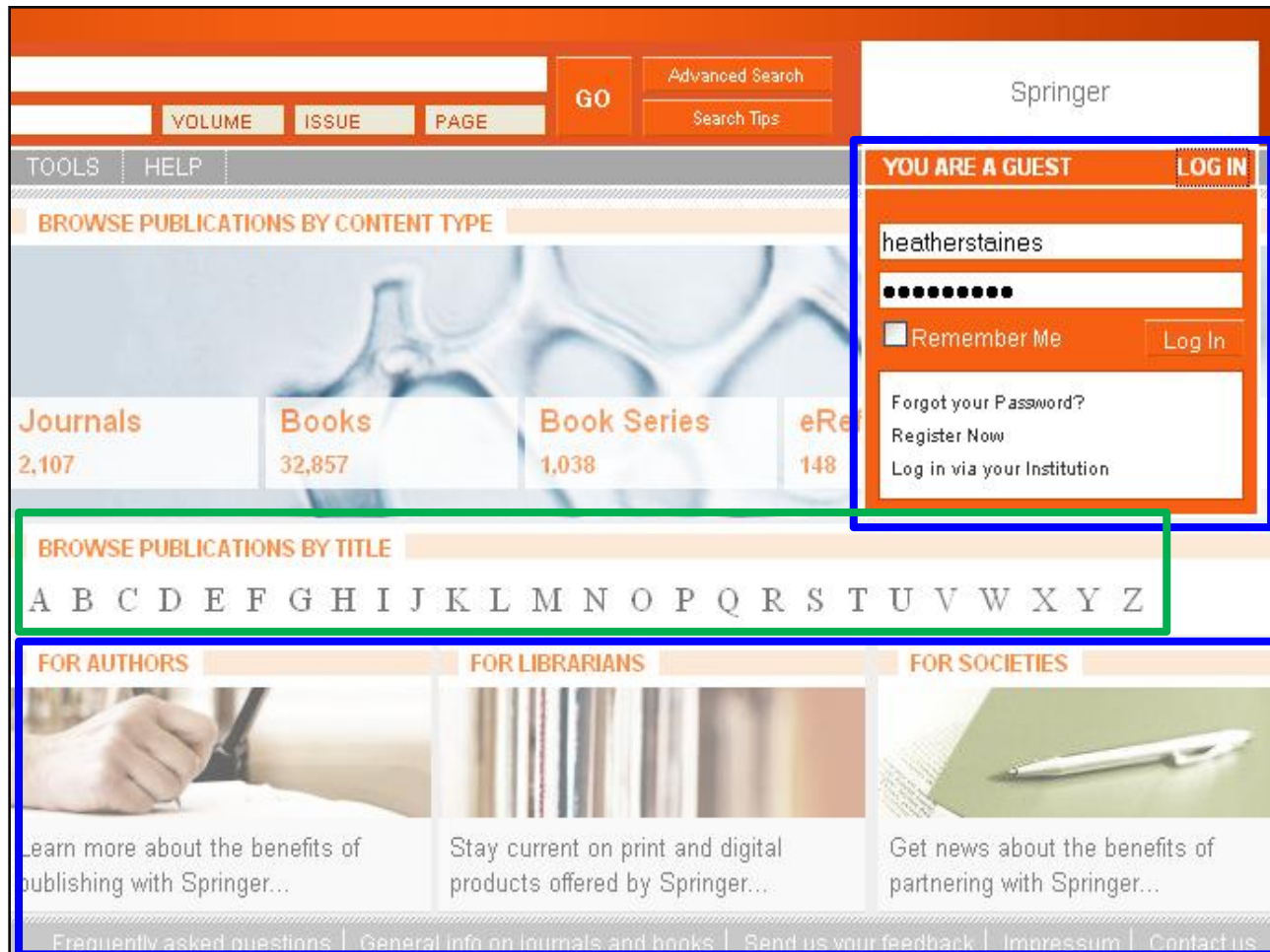
- 1 De Quick Search Box vindt u terug op dezelfde plaats op iedere pagina van de site.

Zoeken op SpringerLink | Advanced Search



The screenshot shows the SpringerLink Advanced Search page. The interface is orange and white. At the top left is the SpringerLink logo. On the right, there is a search bar with a dropdown menu for 'Advanced Search' (marked with a blue circle 1). Below the search bar are input fields for 'TITLE ONLY', 'DOI', and 'AUTHOR'. A large blue box (marked with a blue circle 2) highlights the 'CITATION' section, which includes fields for 'PUBLICATION (TITLE, DOI, ISSN OR ISBN)', 'VOLUME', 'ISSUE', and 'PAGE'. Below this is the 'CATEGORY AND DATE LIMITERS' section, which has a dropdown for 'All Categories' and radio buttons for 'ENTIRE RANGE OF PUBLICATION DATES' and 'PUBLICATION DATES BETWEEN'. A blue box (marked with a blue circle 3) points to the 'PUBLICATION DATES BETWEEN' option. To the right of this is the 'ORDER OF RESULTS' section, which has radio buttons for 'MOST RELEVANT FIRST', 'MOST RECENTLY PUBLISHED FIRST', and 'ALPHABETICAL'. At the bottom right is a 'GO' button. A callout box (marked with a blue circle 1) points to the 'Advanced Search' dropdown, stating: 'Het veld 'Advanced Search' staat op iedere pagina.' Another callout box (marked with a blue circle 2) points to the 'CITATION' section, stating: 'Zoeken met 'Citation' maakt het makkelijker om het artikel of hoofdstuk dat je al kent te vinden.' A third callout box (marked with a blue circle 3) points to the 'PUBLICATION DATES BETWEEN' option, stating: 'Geef aan hoe de zoekresultaten geordend moeten worden.'

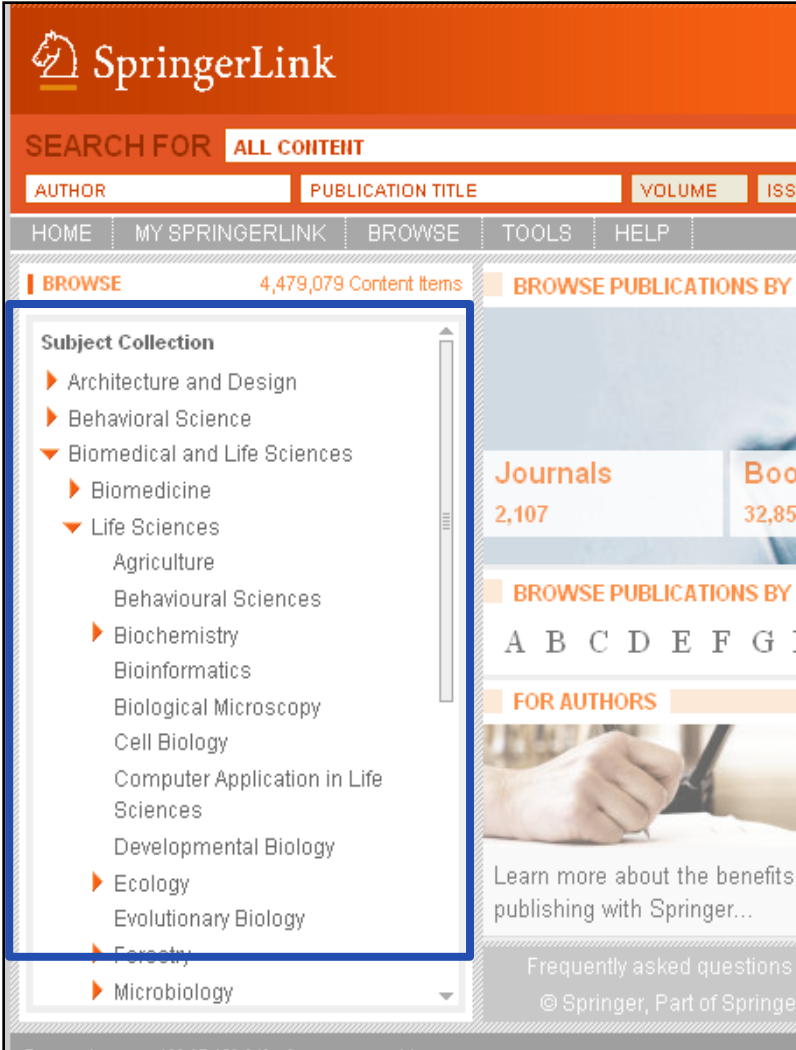
De Homepage



The screenshot shows the Springer homepage interface. At the top, there is a search bar with a 'GO' button and links for 'Advanced Search' and 'Search Tips'. Below the search bar are navigation links for 'TOOLS' and 'HELP'. The main content area is divided into sections: 'BROWSE PUBLICATIONS BY CONTENT TYPE' with a grid of categories (Journals: 2,107; Books: 32,857; Book Series: 1,038; eRe: 148) and 'BROWSE PUBLICATIONS BY TITLE' with an A-Z list. A login box is overlaid on the right side, containing a 'LOG IN' button, a text input field with the name 'heatherstaines', a password field with masked characters, a 'Remember Me' checkbox, and a 'Log In' button. Below the login box are links for 'Forgot your Password?', 'Register Now', and 'Log in via your Institution'. At the bottom, there are three columns for 'FOR AUTHORS', 'FOR LIBRARIANS', and 'FOR SOCIETIES', each with a brief description and a link to learn more. The footer contains links for 'Frequently asked questions', 'General info on journals and books', 'Send us your feedback', 'Impressum', and 'Contact us'.

- ① De Login Box is op iedere pagina aanwezig.
- ② De A-Z Lijst beperkt de noodzaak tot scrollen.
- ③ Snel toegang tot de services voor onder meer bibliothecarissen, op www.springer.com

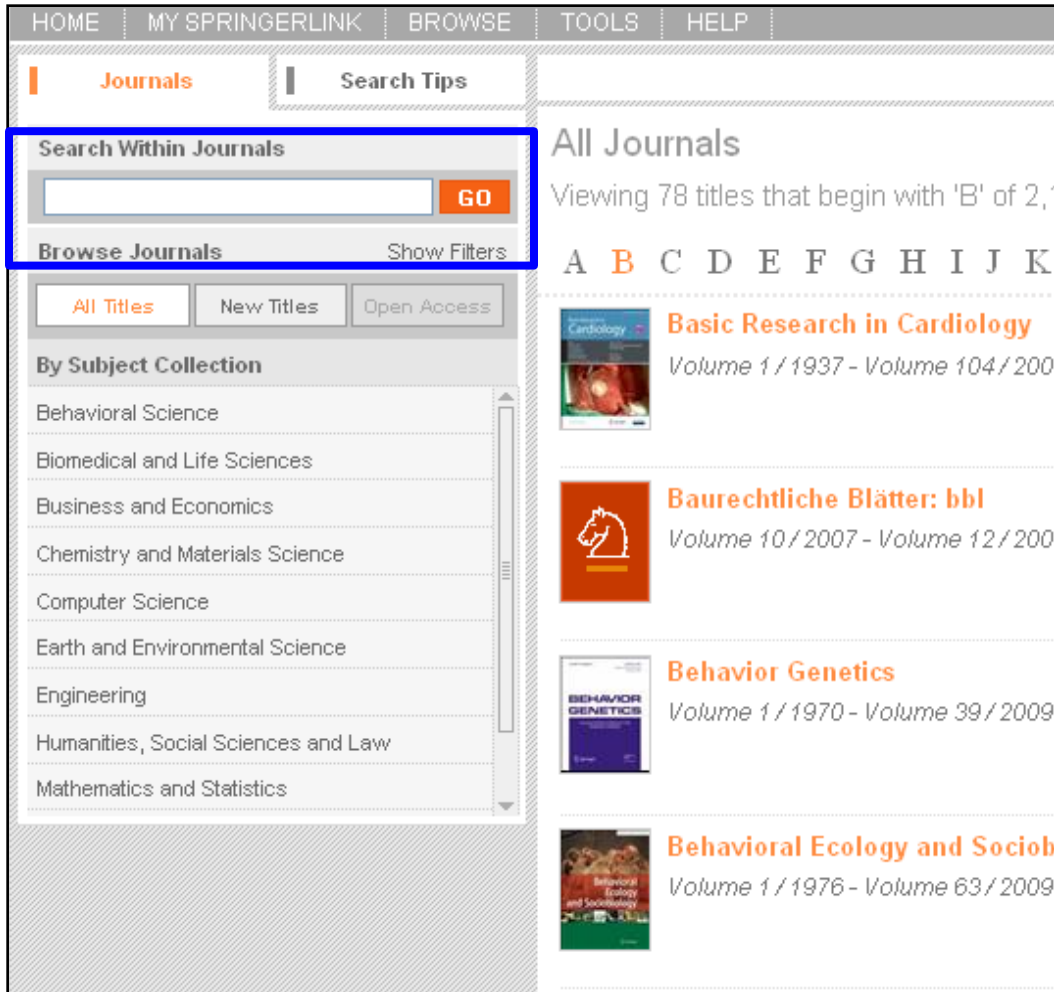
De Homepage



The screenshot shows the SpringerLink homepage. At the top, there is a search bar with the text "SEARCH FOR ALL CONTENT" and input fields for "AUTHOR", "PUBLICATION TITLE", "VOLUME", and "ISSN". Below the search bar is a navigation menu with links for "HOME", "MY SPRINGERLINK", "BROWSE", "TOOLS", and "HELP". The "BROWSE" link is highlighted, and a dropdown menu is visible, showing a list of "Subject Collection" categories. A blue box highlights this dropdown menu, and a circled "1" is placed to its left. The categories listed include Architecture and Design, Behavioral Science, Biomedical and Life Sciences (with sub-categories like Biomedicine, Life Sciences, Agriculture, Behavioural Sciences, Biochemistry, Bioinformatics, Biological Microscopy, Cell Biology, Computer Application in Life Sciences, Developmental Biology, Ecology, Evolutionary Biology, Forestry, and Microbiology), Journals (2,107), and Books (32,857). Below the subject collection menu, there are sections for "BROWSE PUBLICATIONS BY" and "FOR AUTHORS".

1 Eenvoudig browsen door de 'Subject Collections'.


Zoeken in content type



The screenshot shows the SpringerLink interface. At the top, there are navigation tabs: HOME, MY SPRINGERLINK, BROWSE, TOOLS, and HELP. Below these, there are two main sections: 'Journals' and 'Search Tips'. The 'Search Within Journals' search box is highlighted with a blue box and a circled '1'. It contains a search input field and a 'GO' button. Below the search box, there are 'Browse Journals' and 'Show Filters' options. The 'Browse Journals' section has three buttons: 'All Titles', 'New Titles', and 'Open Access'. Below this, there is a 'By Subject Collection' section with a list of subjects: Behavioral Science, Biomedical and Life Sciences, Business and Economics, Chemistry and Materials Science, Computer Science, Earth and Environmental Science, Engineering, Humanities, Social Sciences and Law, and Mathematics and Statistics. The main content area displays 'All Journals' and a list of journal titles, including 'Basic Research in Cardiology', 'Baurechtliche Blätter: bbl', 'Behavior Genetics', and 'Behavioral Ecology and Sociob'. Each journal entry includes a small thumbnail image and the volume information.

- 1 Zoeken binnen specifieke content typen (Journals en eBooks).

Informatie over journals (tijdschriften)



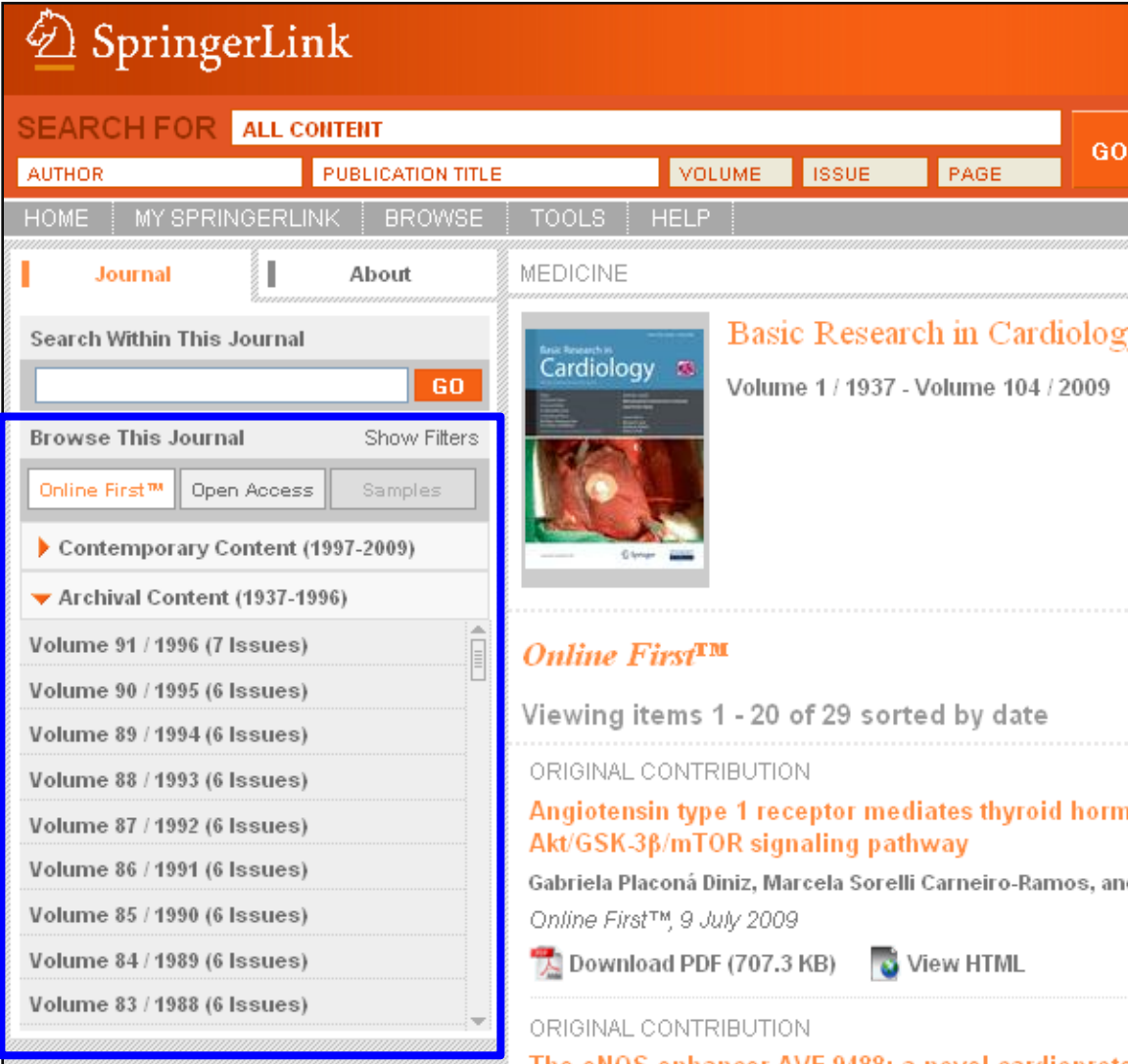
The screenshot shows the 'Journal' tab of a SpringerLink page. A search bar is at the top. Below it, the 'Browse This Journal' section has a blue circle with the number '1' next to it. Underneath, there are three buttons: 'Online First™', 'Open Access' (which is highlighted with a blue box), and 'Samples'. Below the buttons, there is a section for 'Contemporary Content (1997-2009)' with a list of volumes and issues.

- 1 De mogelijkheid om te filteren op 'Online First' artikelen en 'Open Access' artikelen.
- 2 Hier worden eventuele titelwijzigingen in het verleden aangegeven.



The screenshot shows the journal page for 'Basic Research in Cardiology'. At the top right, there are icons for 'Add to My Items', 'Share this item', and social media. The journal title is 'Basic Research in Cardiology' and the volume range is 'Volume 1 / 1937 - Volume 104 / 2009'. A blue box highlights a notice: 'From Volume 1 (1937) to Volume 14 (1944) Issue 5 and from Volume 14 (1948) Issue 6 to Volume 67 (1972), this journal was published as *Archiv für Kreislaufforschung*.' A blue circle with the number '2' is next to this notice. Below the notice, there is a section for 'Open Access' articles, with the text 'Articles available with full open access'. The page shows 'Viewing items 1 - 10 of 14 sorted by date' and navigation links 'First Previous 1 2 Next'. The first article is an 'ORIGINAL CONTRIBUTION' titled 'K201 improves aspects of the contractile performance of human failing myocardium via reduction in Ca²⁺ leak from the sarcoplasmic reticulum'.

Het browsen binnen een tijdschrift



The screenshot displays the SpringerLink interface for the journal 'Basic Research in Cardiology'. The page is divided into several sections:

- Header:** SpringerLink logo and search bar with 'ALL CONTENT' selected.
- Navigation:** HOME, MY SPRINGERLINK, BROWSE, TOOLS, HELP.
- Journal Information:** 'Journal' tab selected, 'About' link, and 'MEDICINE' category.
- Search Within This Journal:** A search box with a 'GO' button.
- Browse This Journal:** A section with 'Show Filters' and buttons for 'Online First™', 'Open Access', and 'Samples'. It lists 'Contemporary Content (1997-2009)' and 'Archival Content (1937-1996)'. A blue box highlights the 'Archival Content' list, which includes:
 - Volume 91 / 1996 (7 Issues)
 - Volume 90 / 1995 (6 Issues)
 - Volume 89 / 1994 (6 Issues)
 - Volume 88 / 1993 (6 Issues)
 - Volume 87 / 1992 (6 Issues)
 - Volume 86 / 1991 (6 Issues)
 - Volume 85 / 1990 (6 Issues)
 - Volume 84 / 1989 (6 Issues)
 - Volume 83 / 1988 (6 Issues)
- Journal Cover:** 'Basic Research in Cardiology' cover image and title.
- Article List:** 'Viewing items 1 - 20 of 29 sorted by date'. The first article is 'ORIGINAL CONTRIBUTION: Angiotensin type 1 receptor mediates thyroid hormone Akt/GSK-3 β /mTOR signaling pathway' by Gabriela Placoná Diniz, Marcela Sorelli Carneiro-Ramos, and others, dated 9 July 2009. It includes 'Download PDF (707.3 KB)' and 'View HTML' options.

- 1 Alle beschikbare content van het tijdschrift is direct zichtbaar, met minimale noodzaak tot scrollen.

Een jaargang van een tijdschrift

MEDICINE

1



Basic Research in Cardiology

Volume 1 / 1937 - Volume 105 / 2010

From Volume 1 (1937) to Volume 14 (1944) Issue 5 and from Volume 14 (1948) Issue 6 to Volume 67 (1972), this journal was published as *Archiv für Kreislaufforschung*.

2

Volume 104, Number 4 / July 2009

Viewing all 9 articles

ORIGINAL CONTRIBUTION 359-365

Effects of the NO donor sodium nitroprusside on oxygen consumption and energetics in rabbit myocardium

Mark Hünlich and Gerd Hasenfuss

[Download PDF \(254.4 KB\)](#) [View HTML](#) [Show Abstract](#)

ORIGINAL CONTRIBUTION 366-376

Tyrosine hydroxylase phosphorylation after naloxone-induced morphine withdrawal in the left ventricle

Pilar Almela, Maria Victoria Milanés and Maria Luisa Laorden

[Download PDF \(389.9 KB\)](#) [View HTML](#) [Show Abstract](#)

1 Basisinformatie van het tijdschrift.

2 Jaargang en editie.

Toon de samenvatting

Volume 104, Number 4 / July 2009

Viewing all 9 articles

ORIGINAL CONTRIBUTION

359-365

Effects of the NO donor sodium nitroprusside on oxygen consumption and energetics in rabbit myocardium

Mark Hünlich and Gerd Hasenfuss

 Download PDF (254.4 KB)  View HTML

1

Show Abstract

ORIGINAL CONTRIBUTION

366-376

Tyrosine hydroxylase phosphorylation after naloxone-induced morphine withdrawal in the left ventricle

Pilar Almela, Maria Victoria Milanés and Maria Luisa Laorden

 Download PDF (389.9 KB)  View HTML

Hide Abstract

Abstract

Our previous studies have shown that morphine withdrawal induced hyperactivity of cardiac noradrenergic pathways. The purpose of the present study was to evaluate the effects of morphine withdrawal on site-specific tyrosine hydroxylase (TH) phosphorylation in the rat left ventricle. Dependence on morphine was induced by a 7-day s.c. implantation of morphine pellets. Morphine withdrawal was precipitated on day 8 by an injection of naloxone (2 mg/kg, s.c.). TH phosphorylation was determined by quantitative blot immunolabelling using phosphorylation state-specific antibodies. Ninety min after naloxone administration to morphine-dependent rats there was an increase in phospho-Ser40-TH ($139.0 \pm 13\%$, $P < 0.05$) and Ser31-TH ($135.5 \pm 11\%$, $P < 0.05$) in the left ventricle which is associated with both an increase in total TH levels ($114.4 \pm 4.6\%$, $P < 0.05$, $P < 0.01$) and an enhancement of TH activity (51.0 ± 11 dm/ μ g protein, $P < 0.001$). When HA-1004 (40 nmol/day), inhibitor of cyclic AMP dependent protein kinase (PKA) was infused, concomitantly with morphine, it diminished the increase in noradrenaline (NA) turnover, total TH expression ($95.76 \pm 4.1\%$, $P < 0.01$) and TH phosphorylation at Ser40 ($85.5 \pm 11\%$, $P < 0.01$) in morphine-withdrawn rats. In addition, we showed that the ability of

- 1 Klik op 'Show Abstract' om de samenvatting te tonen.
- 2 Bekijk de samenvatting zonder de zoekresultatenlijst te hoeven verlaten.

2

Gerelateerde documenten

1



Related | Issue | Journal

MEDICINE

View Related Documents

Journal Article

Expression of iNO scavenging hemoglobin is involved in the timing of bolting in Arabidopsis thaliana Kim Henrik Hebelstrup

Journal Article

Nitric oxide plays a central role in determining lateral root development in tomato Natalia Correa-Aragunde

Book Chapter

Inhibition of Apoptosis by Taurine in Macrophages Treated with Sodium Nitroprusside So Young Kim

Journal Article

Expression of iNO scavenging hemoglobin is involved in the timing of bolting in Arabidopsis thaliana Kim

BASIC RESEARCH IN CARDIOLOGY
 Volume 104, Number 4, 359-365, DOI: 10.1007/s00395-00

ORIGINAL CONTRIBUTION
Effects of the NO donor sodium nitroprusside on myocardial energetics in rabbit papillary muscles

Mark Hünlich and Gerd Hasenfuss



 [Download PDF](#)  [View HTML](#)

Abstract

Nitric oxide (NO) has influence on various cellular myocardial energetics. In the present study oxygen isometrically contracting rabbit papillary muscles (n = 10) were exposed to various interventions while maintaining physiological conditions. The NO donor sodium nitroprusside (SNP) (0.1 μM) significantly inhibited the time course of

- 1** Per artikel / hoofdstuk toont SpringerLink de tien best gerelateerde documenten.

Mouse-over bij gerelateerde documenten



The screenshot shows a web interface for related documents. On the left, under the heading "View Related Documents", there is a list of three items:

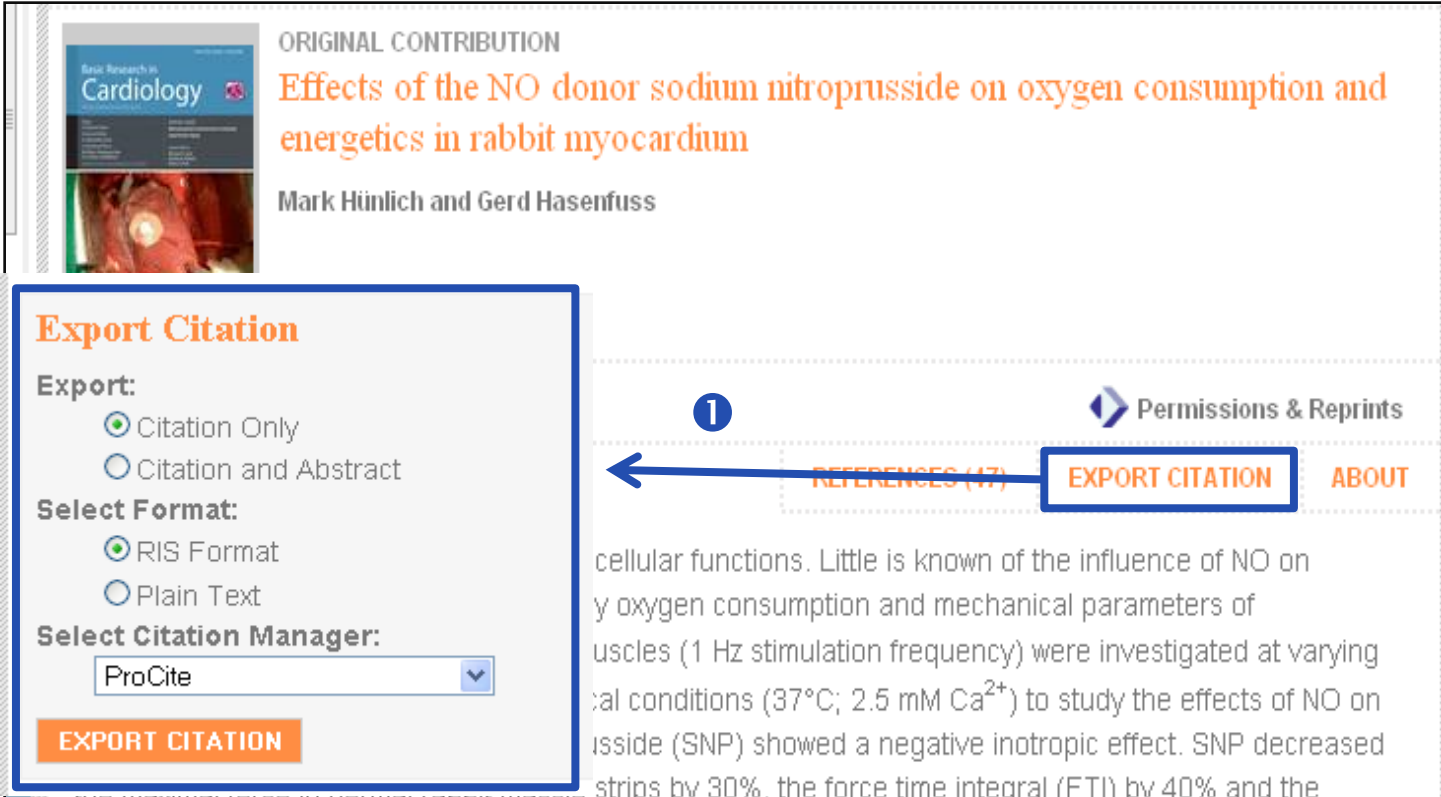
- Journal Article: **Expression of NO scavenging hemoglobin is involved in the timing of bolting in *Arabidopsis thaliana*** Kim Henrik Hebelstrup
- Journal Article: **Nitric oxide plays a central role in determining lateral root development in tomato** Natalia Correa-Aragunde
- Book Chapter: **Inhibition of Apoptosis by Taurine in Macrophages Treated with Sodium Nitroprusside** So Young Kim
- Journal Article: **Expression of NO scavenging hemoglobin is involved in the timing of bolting in *Arabidopsis thaliana*** Kim

The first item in the list is highlighted with a blue circle containing the number 1. To the right, a detailed view of this document is shown, enclosed in a blue border. The document title is "Expression of NO scavenging hemoglobin is involved in the timing of bolting in *Arabidopsis thaliana*". The authors are Kim Henrik Hebelstrup and Erik Østergaard Jensen. The volume information is "Volume 227, Number 4, Pages 917-927". There are links for "Download PDF" and "HTML". Below the title, there is an "Abstract" section with the following text:

Plants contain three classes of hemoglobin genes of which two, class 1 and class 2, have a structure similar to classical vertebrate globins. We investigated the effect of silencing the class 1 non-symbiotic hemoglobin gene, *GLB1*, and the effect of overexpression of *GLB1* or the class 2 non-symbiotic hemoglobin gene, *GLB2*, in *Arabidopsis thaliana*. Lines with *GLB1* silencing had a significant delay of bolting and after bolting, shoots reverted to the rosette vegetative phase by formation of aerial rosettes at lateral meristems. Lines with overexpression of *GLB1* or *GLB2* bolted earlier than wild type plants. By germinating the lines in a medium containing the nitric oxide (NO) donor, sodium nitroprusside (SNP), it was demonstrated that both *GLB1* and *GLB2* promote bolting

- 1 Wanneer met de muis over een gerelateerd document wordt bewogen, wordt de samenvatting van dat document getoond. Zo krijgt u snel een beeld van een gerelateerd document zonder de pagina te hoeven verlaten.

Exporteer Citations



ORIGINAL CONTRIBUTION

Effects of the NO donor sodium nitroprusside on oxygen consumption and energetics in rabbit myocardium

Mark Hünlich and Gerd Hasenfuss

Export Citation

Export:

- Citation Only
- Citation and Abstract

Select Format:

- RIS Format
- Plain Text

Select Citation Manager:

ProCite

EXPORT CITATION

Permissions & Reprints

REFERENCES (17) **EXPORT CITATION** ABOUT


cellular functions. Little is known of the influence of NO on oxygen consumption and mechanical parameters of myocardial strips (1 Hz stimulation frequency) were investigated at varying experimental conditions (37°C; 2.5 mM Ca²⁺) to study the effects of NO on sodium nitroprusside (SNP) showed a negative inotropic effect. SNP decreased oxygen consumption by 30%, the force time integral (FTI) by 40% and the

- De Export Citation tool is duidelijk zichtbaar en ondersteunt de meest populaire citation programma's (ProCite, BibTex, EndNote, Reference Manager, PubMed (NLM), RefWorks, BookEnds).



References & Cited By

BIOMEDICAL AND LIFE SCIENCES

PLANTA
Volume 227, Number 4, 917-927, DOI: 10.1007/s00425-007-0667-z



ORIGINAL ARTICLE
Expression of NO scavenging hemoglobin is involved in the timing of bolting in *Arabidopsis thaliana*
Kim Henrik Hebelstrup and Erik Østergaard Jensen

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1 REFERENCES (39) **2** CITED BY (1) EXPORT CITATION ABOUT

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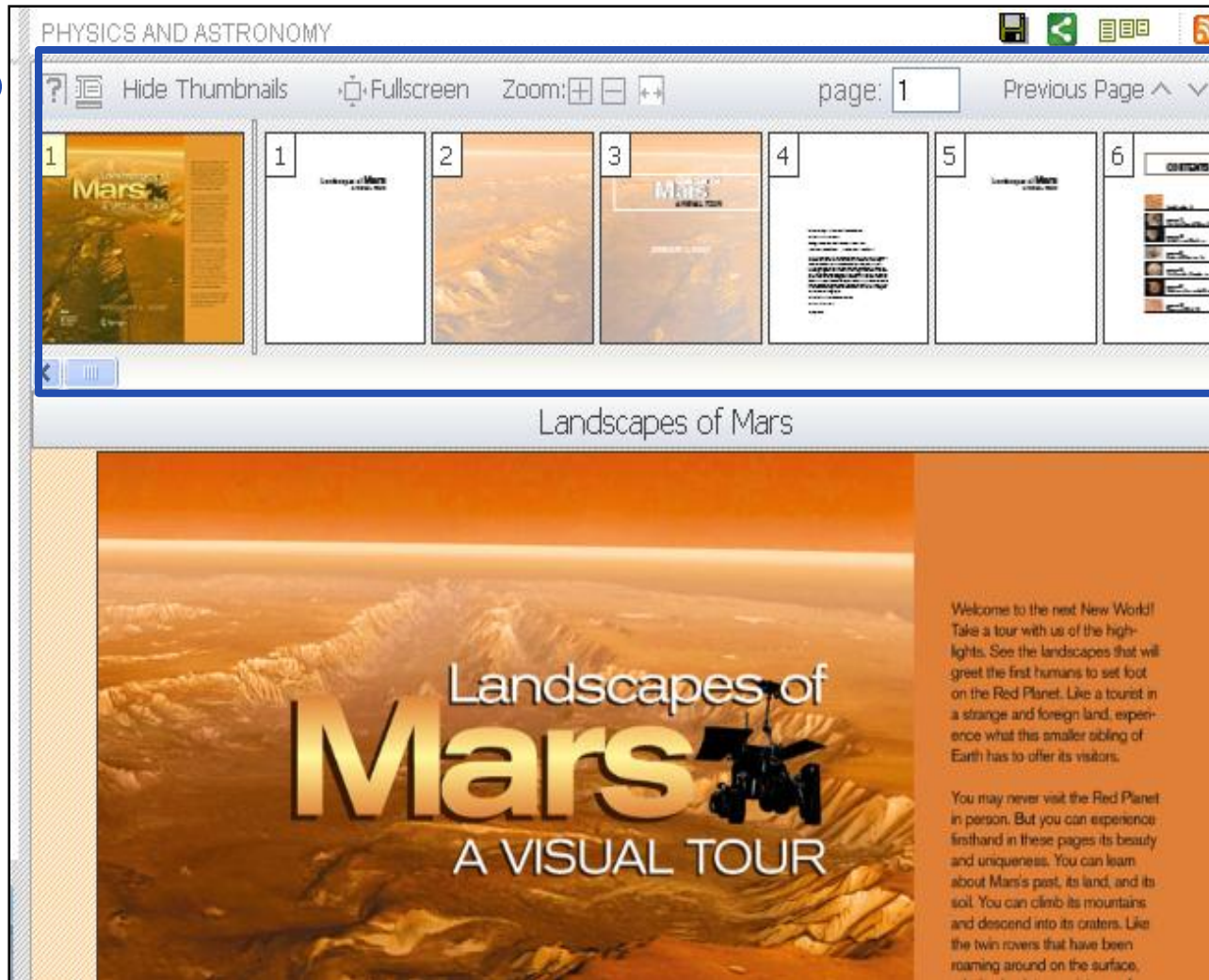
Abstract

Plants contain three classes of hemoglobin genes of which two, class 1 and class 2, have a structure similar to classical vertebrate globins. We investigated the effect of silencing the class 1 non-symbiotic hemoglobin

- 1 Article references zijn bereikbaar via de samenvatting.
- 2 “Cited By” verwijst naar documenten waarin uit het huidige document wordt geciteerd.

Look Inside – PDF Preview van eBook hoofdstukken

1



1 “Look Inside” voegt de PDF’s van de boekhoofdstukken weer samen tot een boek.

Het is daarmee niet meer noodzakelijk om per hoofdstuk een afzonderlijke PDF te openen.

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Zelfs niet-abonnees kunnen 10% van ieder hoofdstuk inzien.

Bekijk hoofdstukken in PDF Preview

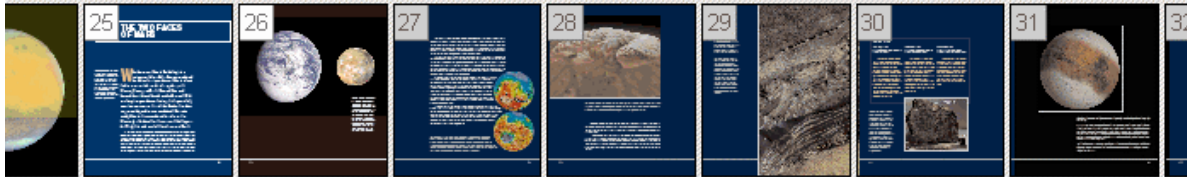
PHYSICS AND ASTRONOMY



Landscapes of Mars A Visual Tour

Gregory L. Vogt

Hide Thumbnails Enter Fullscreen Zoom Page XXIII Previous Page Next Page



1

Front Matter

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1

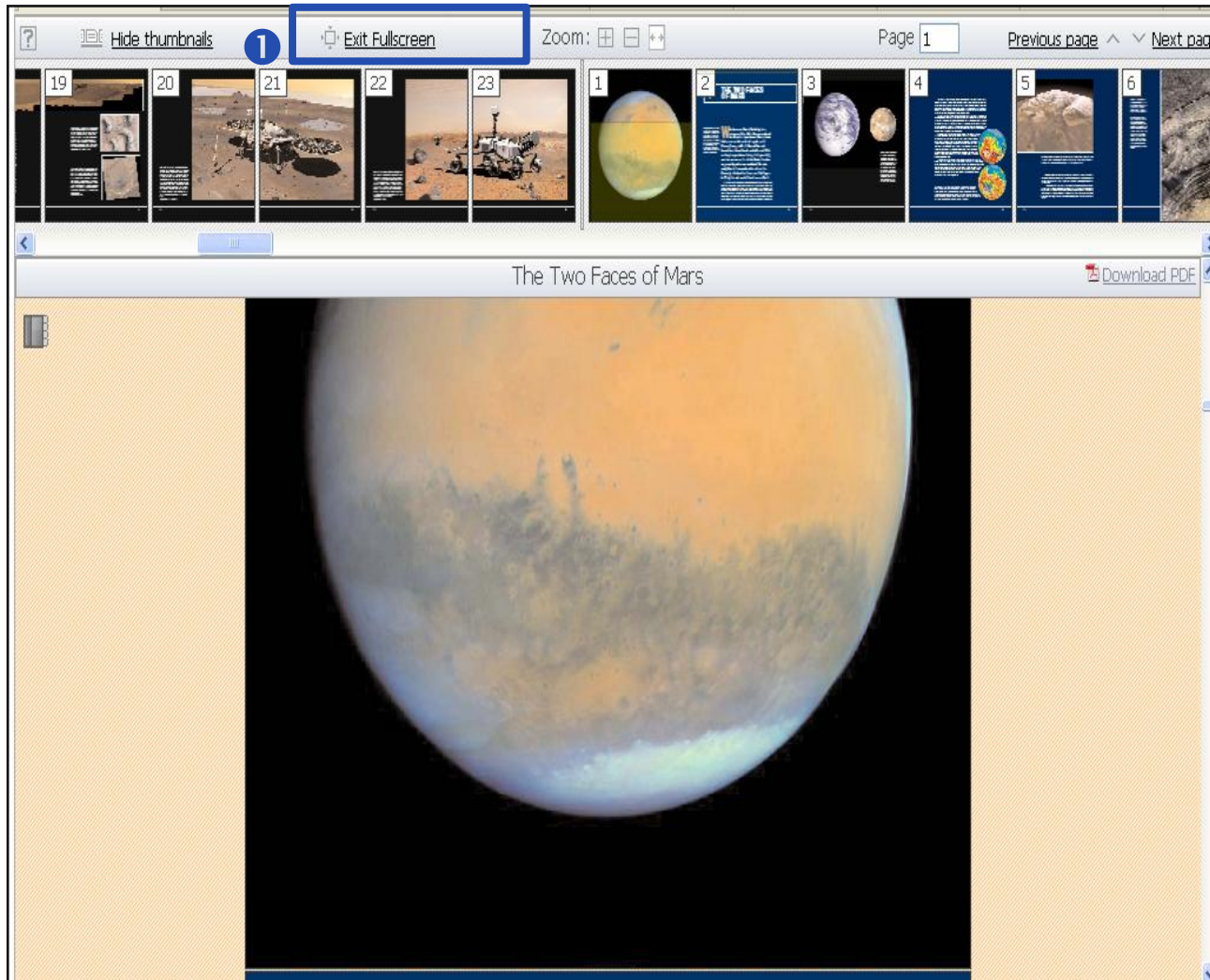
View Details

The Two Faces of Mars

Download PDF


- 1 In de balk boven het content gebied, wordt de hoofdstuktitel getoond. Zo ziet u altijd waar u in het eBook bent.

PDF Preview in Full Screen View



- 1 Bekijk de PDF's op het volledige scherm.

Bekijk gerelateerde documenten en References in PDF Preview



1 View Details

The Two Faces of Mars

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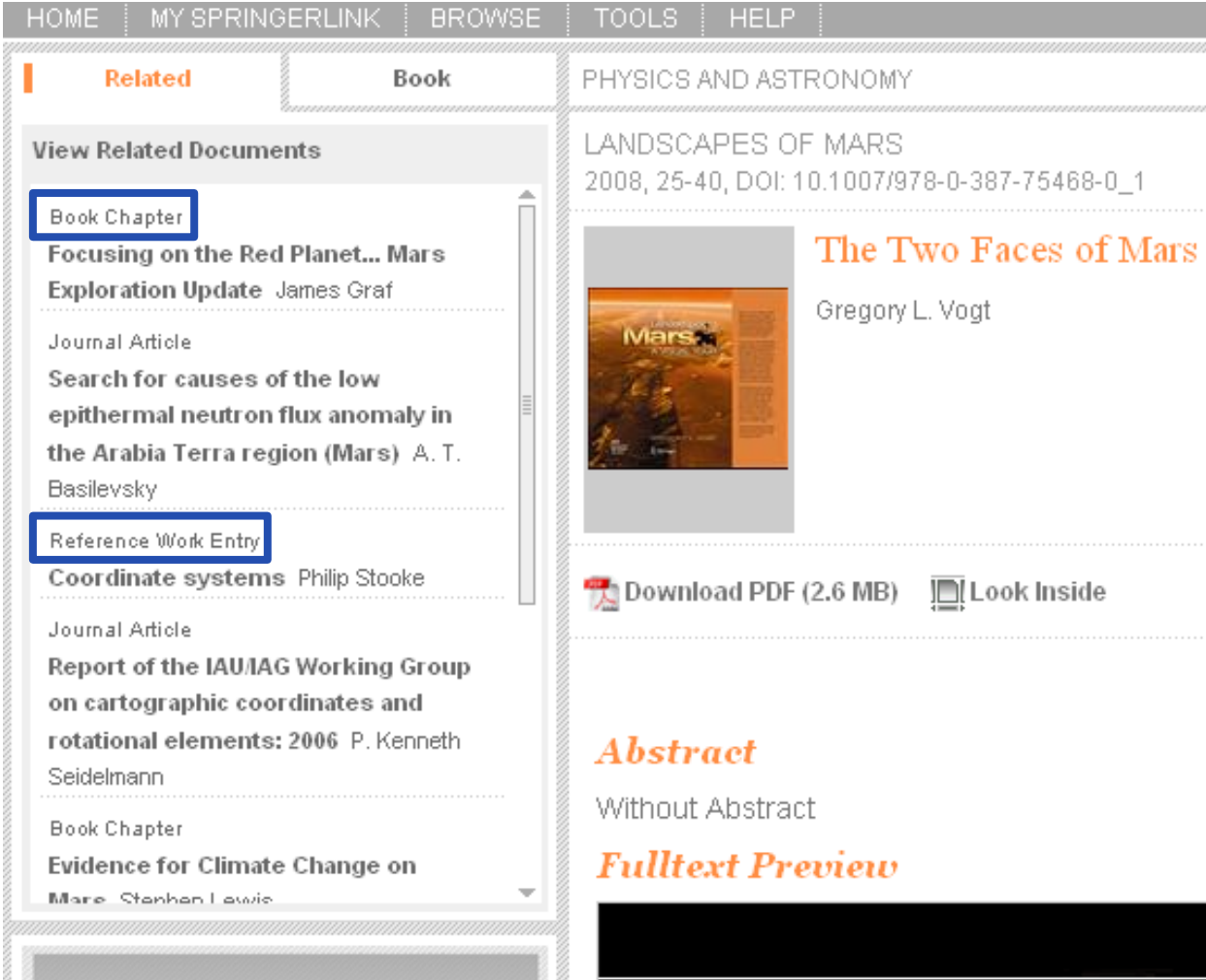
1 THE TWO FACES OF MARS

This image, a composite, was obtained by the OASIS Marrow Angle Camera. At the southern part of the planet, the southern spring polar cap can clearly be seen. At this time of the Martian year, a large fraction of Mars's strati-

Whether or not Mars is Earth-like, it is a unique world in a Solar System populated by distinctly unique planets. Mars is classi-

- 1 Selecteer “View Details” om References en gerelateerde documenten te bekijken.

Voor gerelateerde documenten wordt alle content in SpringerLink doorzocht



The screenshot shows the SpringerLink interface with a navigation bar at the top containing 'HOME', 'MY SPRINGERLINK', 'BROWSE', 'TOOLS', and 'HELP'. Below the navigation bar, there are two tabs: 'Related' (selected) and 'Book'. The main content area is divided into two columns. The left column is titled 'View Related Documents' and contains a list of document types and titles. The right column displays the details for the selected document, 'The Two Faces of Mars' by Gregory L. Vogt, including a book cover image, a 'Download PDF (2.6 MB)' button, a 'Look Inside' button, and sections for 'Abstract' and 'Fulltext Preview'. Two blue circles with the number '1' are placed on the left side of the screenshot, pointing to the 'Book Chapter' and 'Reference Work Entry' categories in the 'View Related Documents' list.

HOME MY SPRINGERLINK BROWSE TOOLS HELP

Related Book

PHYSICS AND ASTRONOMY

LANDSCAPES OF MARS
2008, 25-40, DOI: 10.1007/978-0-387-75468-0_1

View Related Documents

1 Book Chapter
Focusing on the Red Planet... Mars
Exploration Update James Graf

Journal Article
Search for causes of the low
epithermal neutron flux anomaly in
the Arabia Terra region (Mars) A. T.
Basilevsky

1 Reference Work Entry
Coordinate systems Philip Stooke

Journal Article
Report of the IAU/IAG Working Group
on cartographic coordinates and
rotational elements: 2006 P. Kenneth
Seidelmann

Book Chapter
Evidence for Climate Change on
Mars Stephen Lewis

The Two Faces of Mars
Gregory L. Vogt

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Abstract
Without Abstract

Fulltext Preview

- 1 De 'Related Documents' functie zoekt door alle content in SpringerLink.

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- Journal Article
Search for causes of the low epithermal neutron flux anomaly in the Arabia Terra region (Mars) A. T. Basilevsky
- Reference Work Entry
Coordinate systems Philip Stooke
- Journal Article
Report of the IAU/AG Working Group on cartographic coordinates and rotational elements: 2006 P. Kenneth Seidelmann
- Book Chapter
Evidence for Climate Change on Mars Stephen Lewis

SOLAR SYSTEM RESEARCH

Search for causes of the low epithermal neutron flux anomaly in the Arabia Terra region (Mars)

A. T. Basilevsky, A. V. Rodin, J. Raitala, G. Heukum and S. Werner, *et al.*

Volume 40, Number 5, Pages 355-374

 Download PDF (793.7 KB)

Abstract

A geologic analysis of 274 images acquired by the high-resolution MOC camera onboard the *Mars Global Surveyor* spacecraft within the Arabia Terra low neutron flux anomaly (which is indicative of an anomalously high abundance of hydrogen: up to 16 wt % of the equivalent amount of water) was performed. Correlation between the enhanced abundance of equivalent water with the presence of dust on the surface was found. Since dust plays a key role in condensation of water from the atmosphere, we suppose that the anomalies could result from the retention of atmospheric moisture. To analyze this suggestion, we performed a theoretical modeling that allowed us to map the planetary-scale distributions of several meteorological parameters responsible for the atmospheric moisture condensation. Two antipodal regions coinciding rather well with the Arabia

1 Download de PDF direct vanuit de samenvatting.

Aanbevolen browsers

- Voor het beste resultaat, gebruik de browser van Google Chrome, Firefox, of IE8.