

New SpringerLink...

Searching on SpringerLink

1

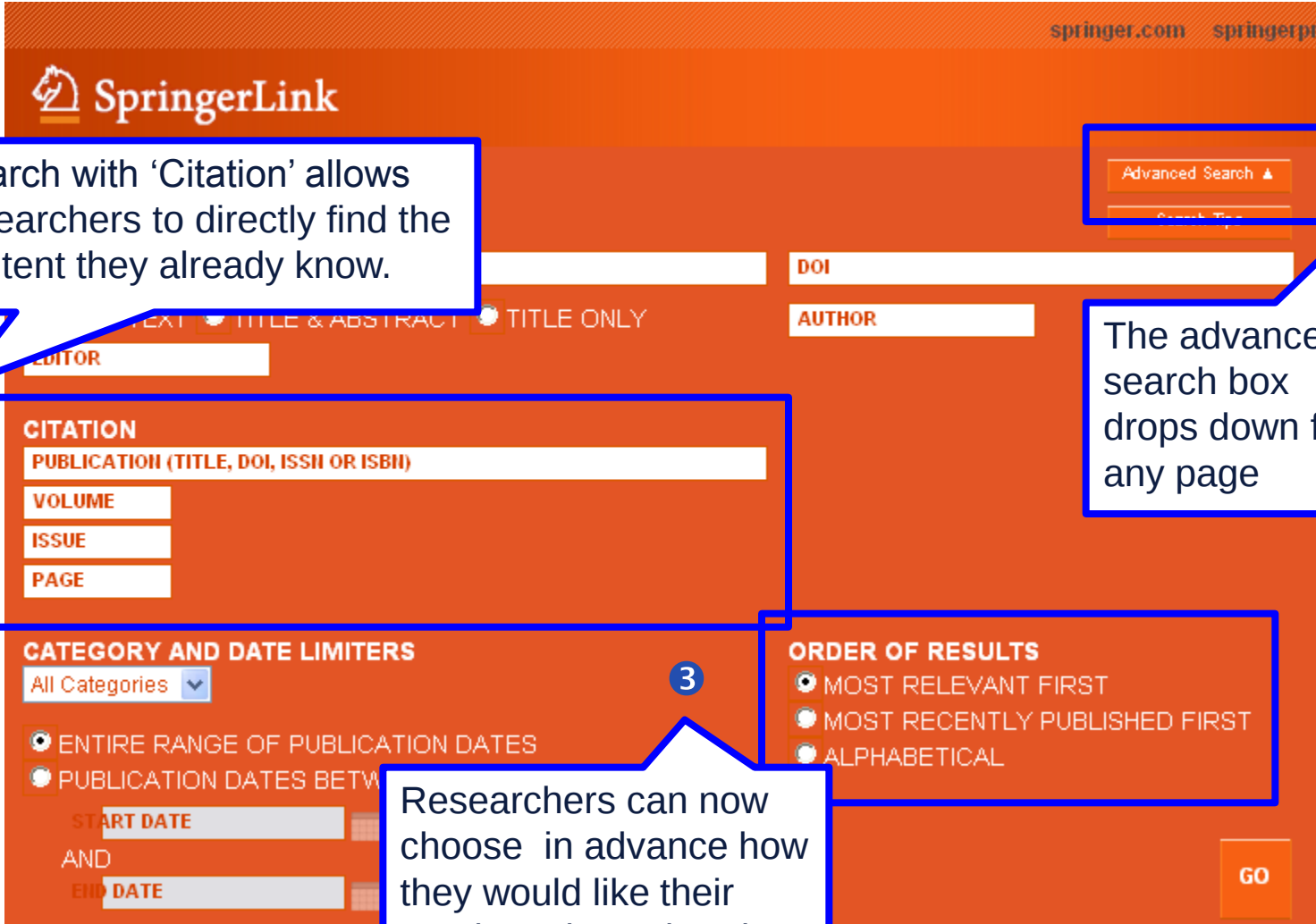


The screenshot shows the SpringerLink homepage. At the top, there is a navigation bar with the SpringerLink logo and links to springer.com and springerprotocols. Below this is a search bar with the text "SEARCH FOR ALL CONTENT" and a "GO" button. To the right of the search bar are links for "Advanced Search" and "Search Tips". Below the search bar is a navigation menu with links for HOME, MY SPRINGERLINK, BROWSE, TOOLS, and HELP. The BROWSE link is highlighted. Below the navigation menu is a section titled "BROWSE" with a link to "4,479,079 Content Items". To the left of this section is a "Subject Collection" list with links to Architecture and Design, Behavioral Science, Biomedical and Life Sciences, Business and Economics, and Chemistry and Materials Science. To the right of the subject collection is a section titled "BROWSE PUBLICATIONS BY CONTENT TYPE" with a background image of a molecular structure. Below this section is a table with four columns: Journals (2,107), Books (32,857), Book Series (1,038), and eRef (148).

BROWSE PUBLICATIONS BY CONTENT TYPE			
Journals	Books	Book Series	eRef
2,107	32,857	1,038	148

- 1 Quick Search Box is now in the same location on EVERY page of the site. Users no longer have to go looking for it!

Searching on SpringerLink | Advanced Search



The screenshot shows the SpringerLink Advanced Search page. It features a top navigation bar with the SpringerLink logo and a search bar. Below the search bar, there are several sections for refining the search. Callout 1 points to the 'Advanced Search' button. Callout 2 points to the 'CITATION' search type. Callout 3 points to the 'ORDER OF RESULTS' section.

Search with 'Citation' allows researchers to directly find the content they already know.

The advanced search box drops down from any page

Researchers can now choose in advance how they would like their results to be ordered.

SpringerLink

springer.com springerpress.com

Advanced Search ▲

Search Type

DOI

AUTHOR

TEXT TITLE & ABSTRACT TITLE ONLY

EDITOR

CITATION

PUBLICATION (TITLE, DOI, ISSN OR ISBN)

VOLUME

ISSUE

PAGE

CATEGORY AND DATE LIMITERS

All Categories ▼

☒ ENTIRE RANGE OF PUBLICATION DATES

☐ PUBLICATION DATES BETWEEN

START DATE

AND

END DATE

ORDER OF RESULTS

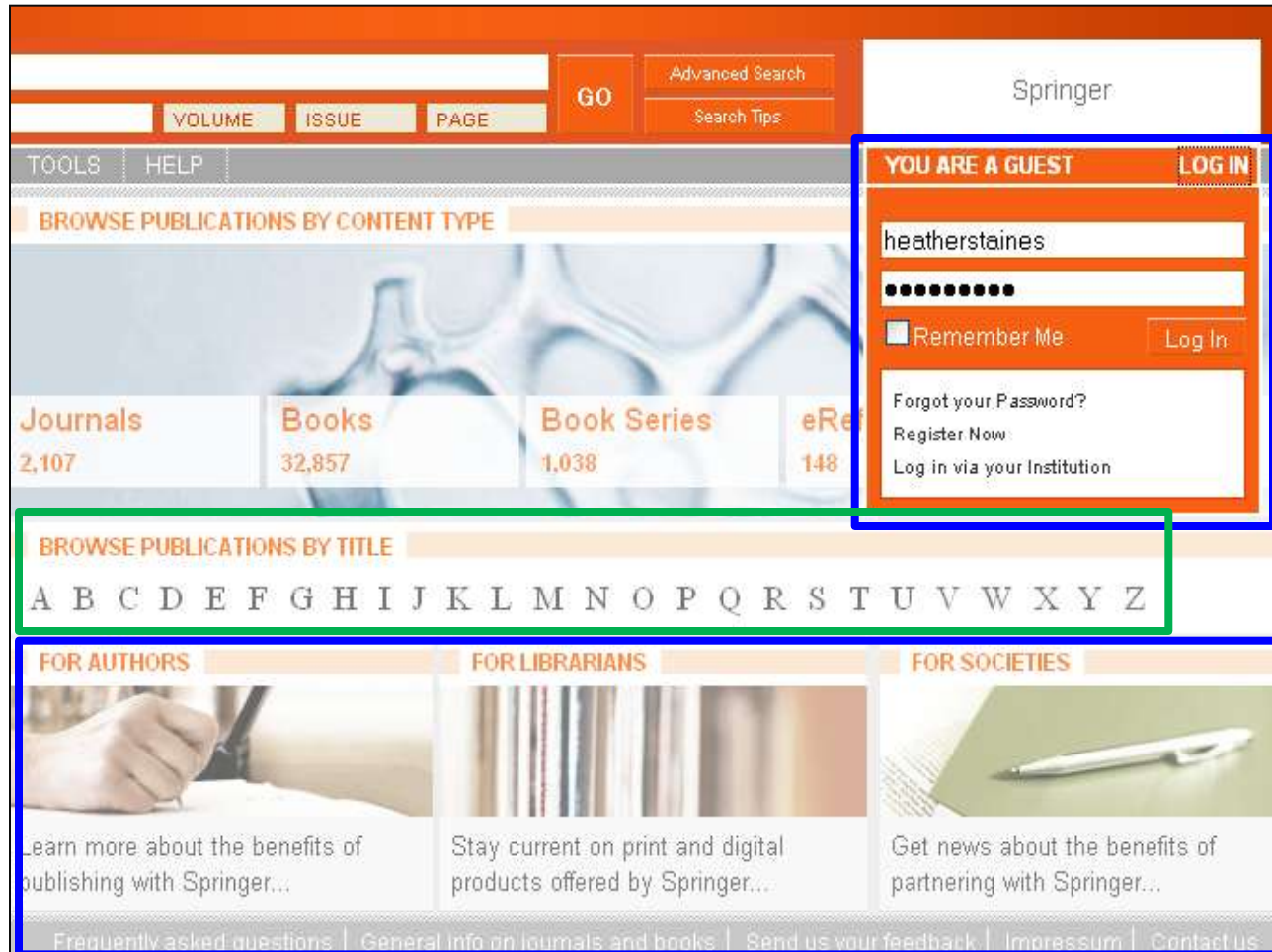
☒ MOST RELEVANT FIRST

☐ MOST RECENTLY PUBLISHED FIRST

☐ ALPHABETICAL

GO

The Home Page

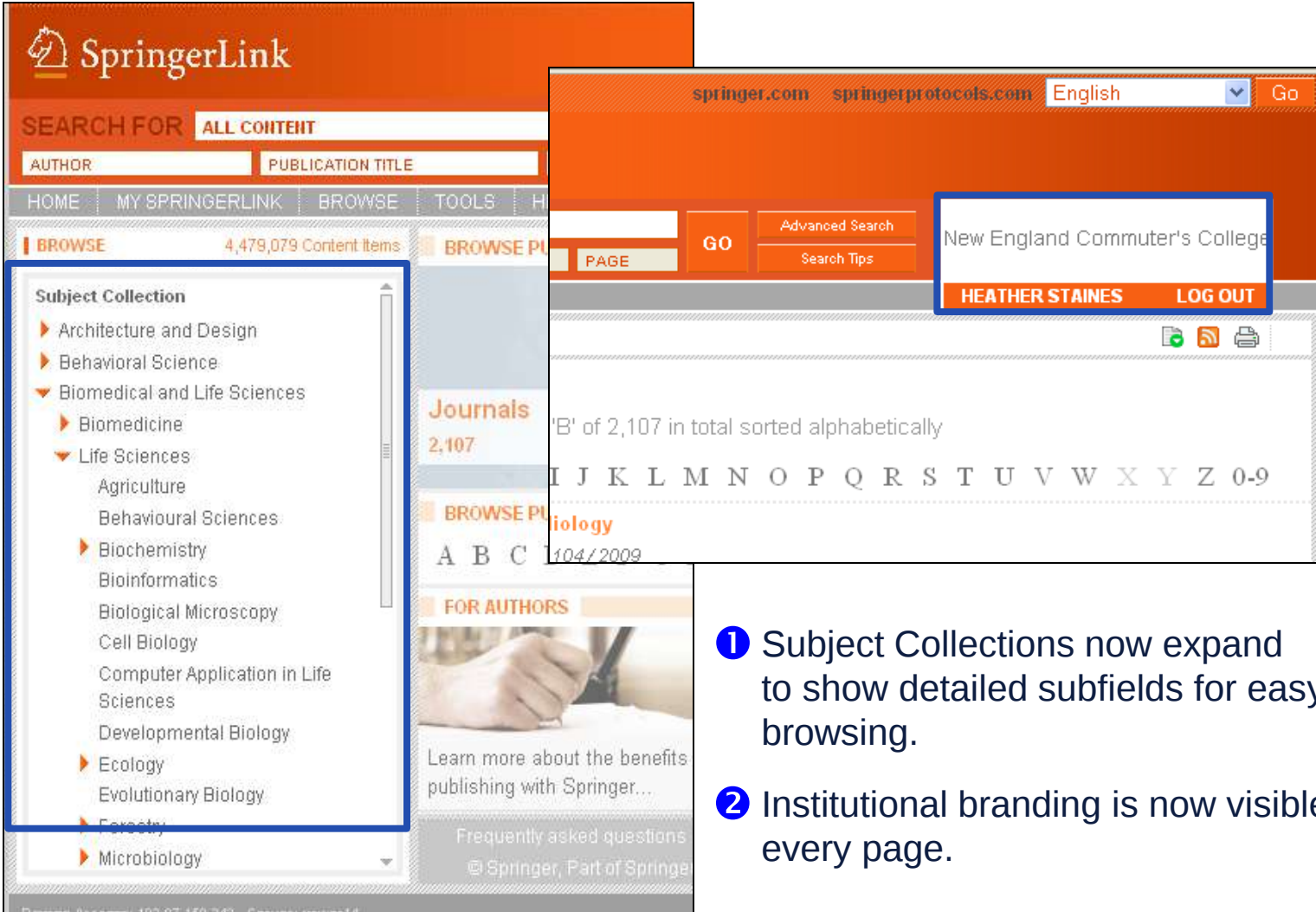


The screenshot shows the Springer home page with several key features highlighted by colored boxes:

- Search Bar:** Located at the top, it includes a search input field, a "GO" button, and links for "Advanced Search" and "Search Tips".
- Navigation Bar:** Below the search bar, there are links for "TOOLS" and "HELP".
- Content Type Navigation:** A section titled "BROWSE PUBLICATIONS BY CONTENT TYPE" features a large image of a molecular structure. Below it, there are four categories: "Journals" (2,107), "Books" (32,857), "Book Series" (1,038), and "eReferences" (148).
- Login Box:** A blue-bordered box highlights the "YOU ARE A GUEST" section, which includes a "LOG IN" button, a username field (containing "heatherstaines"), a password field (represented by dots), a "Remember Me" checkbox, and a "Log In" button. Below this, there are links for "Forgot your Password?", "Register Now", and "Log in via your Institution".
- A-Z List:** A green-bordered box highlights the "BROWSE PUBLICATIONS BY TITLE" section, which displays a horizontal list of letters from A to Z.
- Service Sections:** A blue-bordered box highlights the bottom section, which is divided into three columns: "FOR AUTHORS", "FOR LIBRARIANS", and "FOR SOCIETIES". Each column contains an image and a brief description of the services offered.
- Footer:** At the bottom, there is a row of links: "Frequently asked questions", "General info on journals and books", "Send us your feedback", "Impressum", and "Contact us".

- 1 Login box available from every page. No need to return to home page to login.
- 2 New A-Z List reduces the need for scrolling.
- 3 Easy access to services on springer.com.

The Home Page

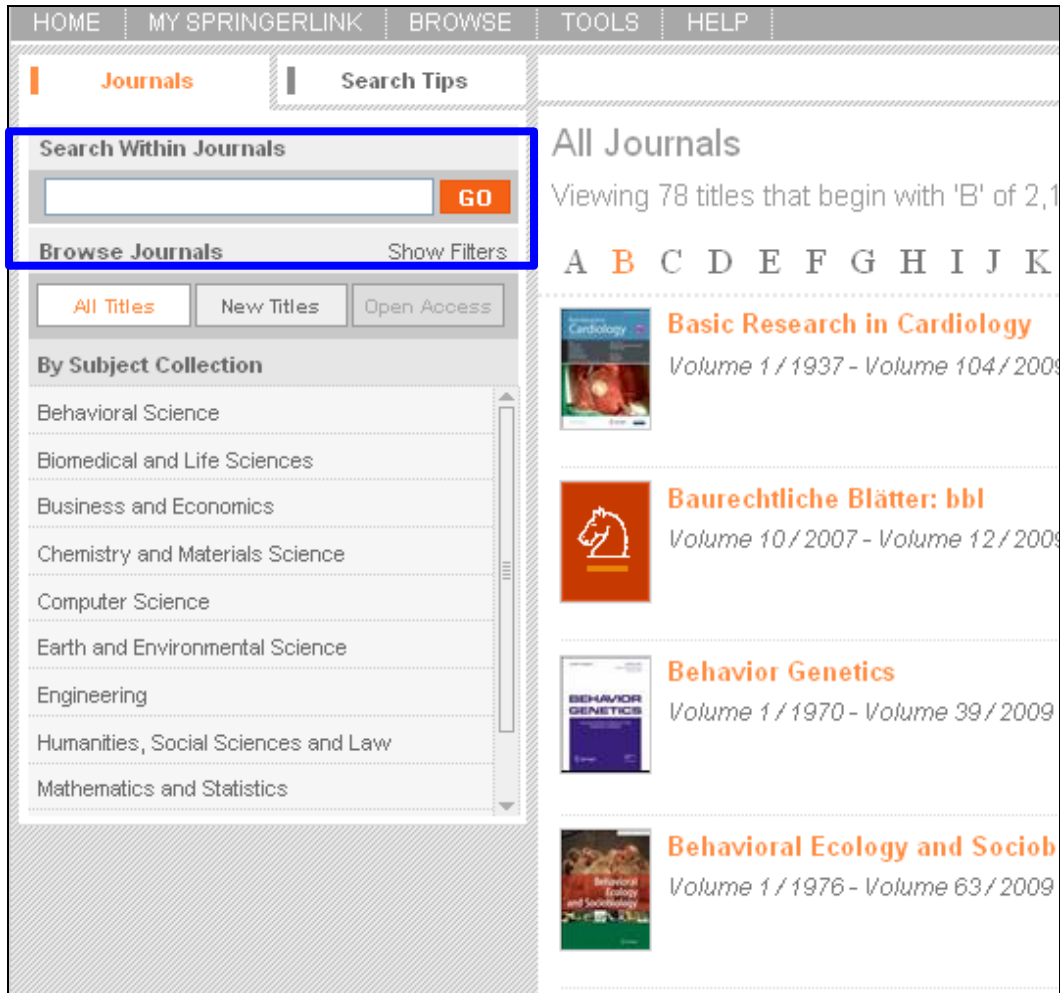


The screenshot displays the SpringerLink home page. On the left, a 'Subject Collection' list is expanded, showing various scientific fields. On the right, the top navigation bar includes a search bar, a language selector, and a user profile for 'HEATHER STAINES'. Below the navigation bar, there are sections for 'Journals' and 'BROWSE P...', and a 'FOR AUTHORS' section at the bottom.

1 Subject Collections now expand to show detailed subfields for easy browsing.

2 Institutional branding is now visible on every page.

Search within Content Type



HOME | MY SPRINGERLINK | BROWSE | TOOLS | HELP

Journals | Search Tips

Search Within Journals

GO

Browse Journals Show Filters

All Titles New Titles Open Access

By Subject Collection

- 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
- Mathematics and Statistics

All Journals

Viewing 78 titles that begin with 'B' of 2,1

A B C D E F G H I J K

 **Basic Research in Cardiology**
Volume 1 / 1937 - Volume 104 / 2009

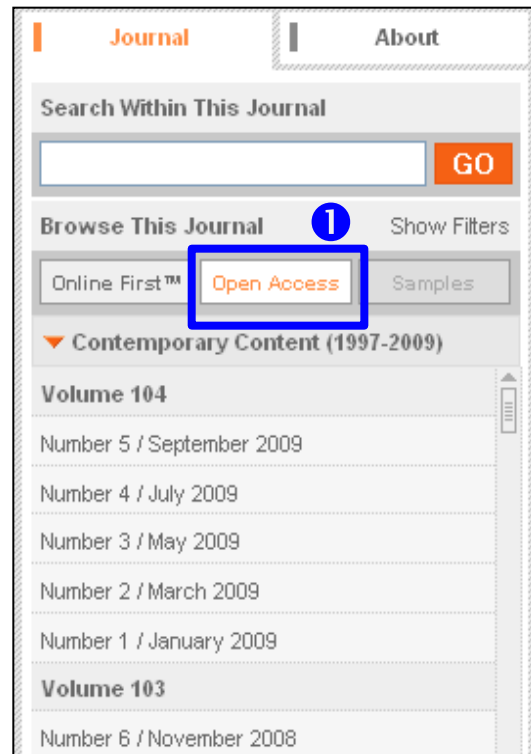
 **Baurechtliche Blätter: bbl**
Volume 10 / 2007 - Volume 12 / 2009

 **Behavior Genetics**
Volume 1 / 1970 - Volume 39 / 2009

 **Behavioral Ecology and Sociobiology**
Volume 1 / 1976 - Volume 63 / 2009

- 1 Search within Journals or eBooks allows for easy searching within specific content types.

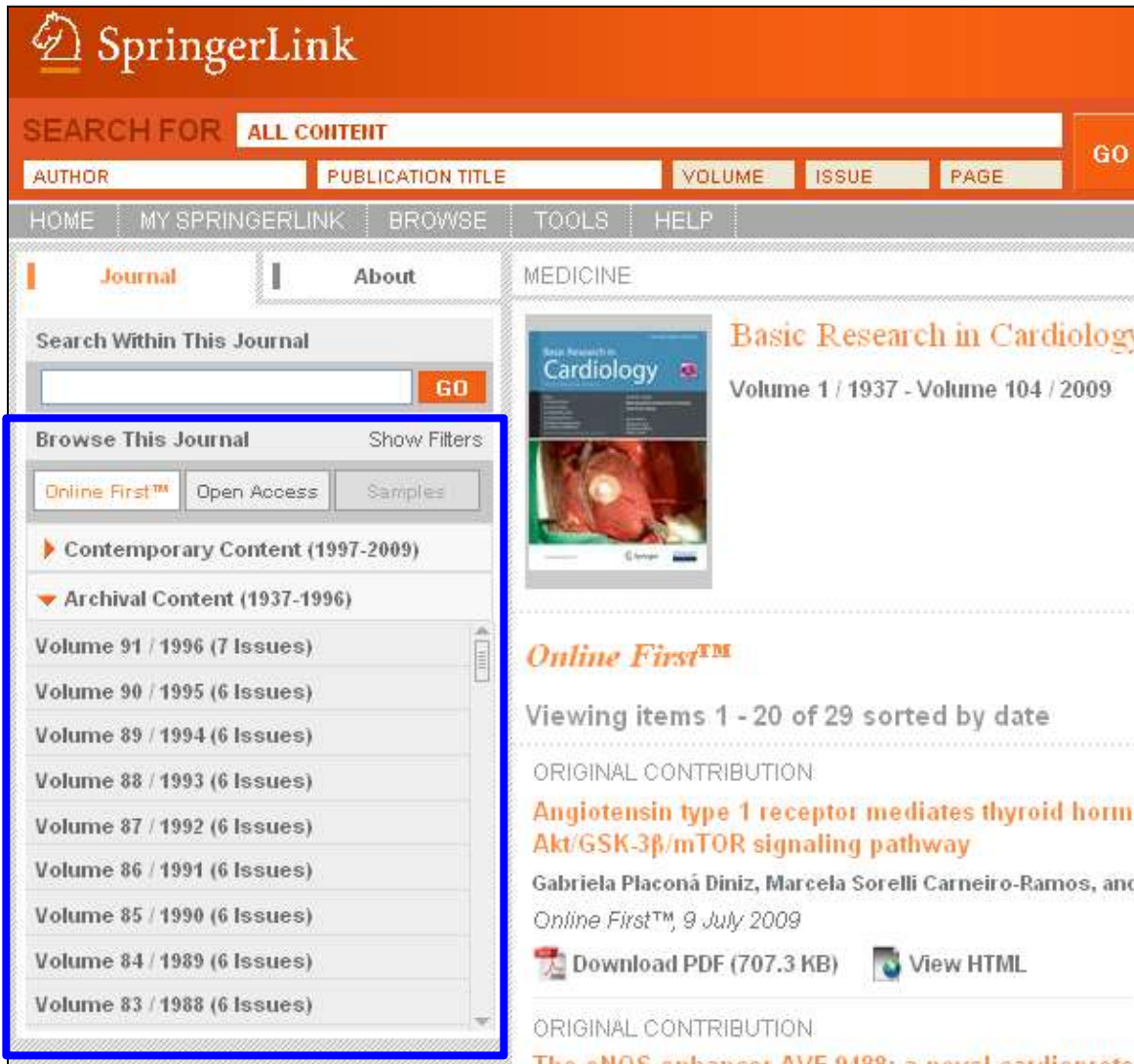
Journal Features



- 1 Articles can be filtered to show Online First and Open Access articles only.
- 2 The journal history notes indicate any title changes, mergers or title splits.



Browsing Journal Content



SpringerLink

SEARCH FOR **ALL CONTENT** **GO**

AUTHOR PUBLICATION TITLE VOLUME ISSUE PAGE

HOME MY SPRINGERLINK BROWSE TOOLS HELP

Journal About MEDICINE

Search Within This Journal **GO**

Browse This Journal Show Filters

Online First™ Open Access Samples

► Contemporary Content (1997-2009)

▼ Archival Content (1937-1996)

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)

Basic Research in Cardiology
Volume 1 / 1937 - Volume 104 / 2009

Online First™

Viewing items 1 - 20 of 29 sorted by date

ORIGINAL CONTRIBUTION

Angiotensin type 1 receptor mediates thyroid hormone Akt/GSK-3 β /mTOR signaling pathway

Gabriela Placoná Diniz, Marcela Sorelli Carneiro-Ramos, and
Online First™, 9 July 2009

Download PDF (707.3 KB) View HTML

ORIGINAL CONTRIBUTION

The eNOS enhancer AVE 8189: a novel cardioprotective

- 1 All journal content available is instantly visible, including archival content.

The Issue Page

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 Journal information is clearly visible.
- 2 Volume and issue number also clearly noted.

Revealing the Abstract

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

2

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 Click "Show Abstract" to reveal the abstract.
- 2 The abstract can be reviewed without leaving the search results.

Related Documents

1



Related | Issue | Journal

View Related Documents

Journal Article

Expression of H₂O 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 H₂O scavenging hemoglobin is involved in the timing of bolting in *Arabidopsis thaliana* Kim

MEDICINE

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 myocardium
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) (10 µM) significantly increased oxygen consumption (V_{O₂}) and myocardial energetics.

- 1 The new SpringerLink shows researchers the most closely related documents on article and chapter level.

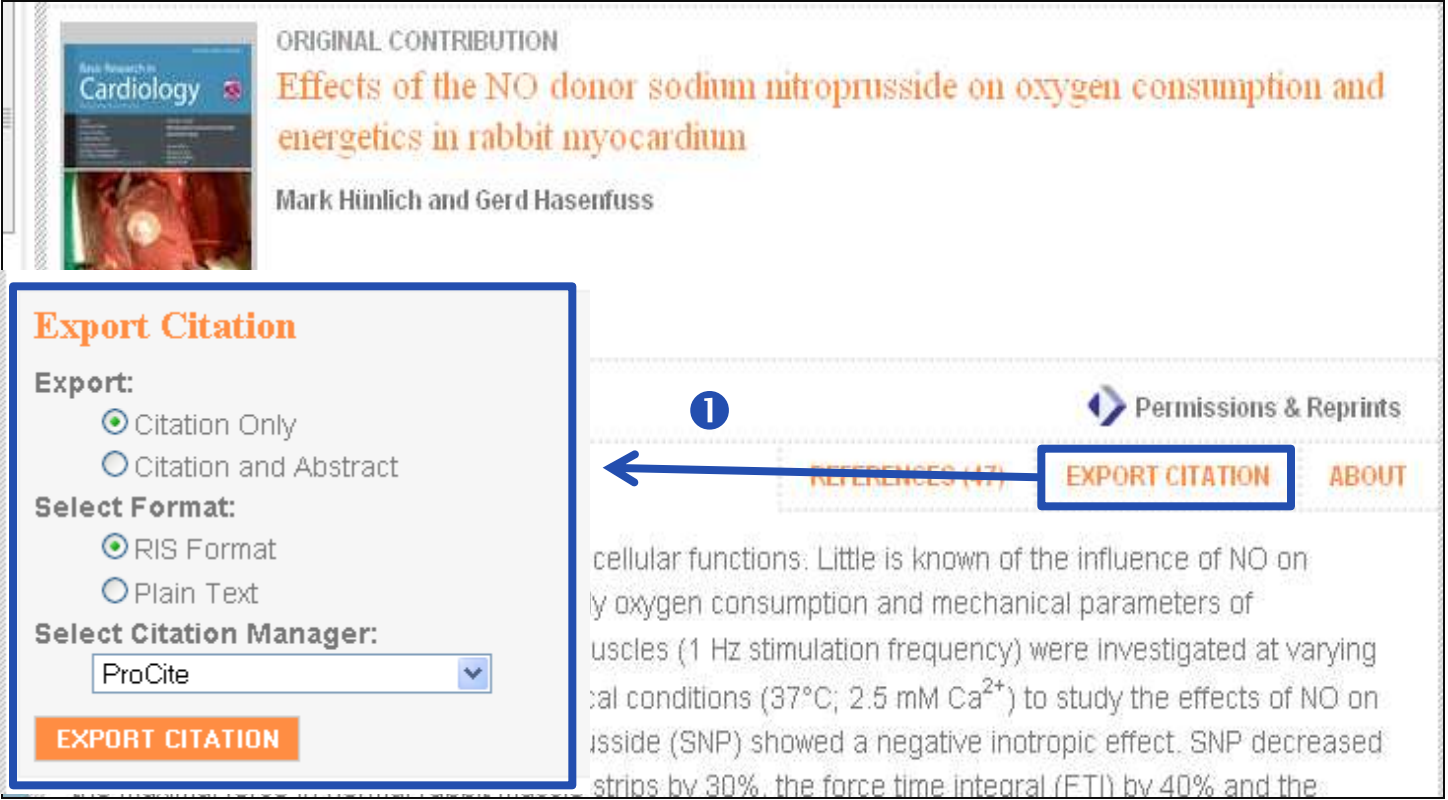
Mousing over Related Documents



The screenshot displays the SpringerLink interface. On the left, a sidebar titled 'View Related Documents' (marked with a blue circle 1) lists several journal articles. The first article, 'Expression of NO scavenging hemoglobin is involved in the timing of bolting in *Arabidopsis thaliana*' by Kim Henrik Hebelstrup, is highlighted. The main content area shows the full details of this article from the journal 'PLANTA'. The article title is 'Expression of NO scavenging hemoglobin is involved in the timing of bolting in *Arabidopsis thaliana*' by Kim Henrik Hebelstrup and Erik Østergaard Jensen. It is from Volume 227, Number 4, Pages 917-927. Below the title, there are links to 'Download PDF' and 'HTML'. The abstract text is visible, starting with '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 energetics. The NO donor sodium nitroprusside (SNP) showed a negative inotropic effect. SN

- ① Mousing over a “Related Documents” causes a mini-abstract screen to pop up, so researchers can review an item without leaving the original article!

Export 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 (47) **EXPORT CITATION** ABOUT

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

- ❶ Export Citation tool is easily visible and supports the most popular citation programs

References & “Cited By”



The screenshot shows the article page for "Expression of NO scavenging hemoglobin is involved in the timing of bolting in *Arabidopsis thaliana*" by Kim Henrik Hebelstrup and Erik Østergaard Jensen. The page is from the journal *Planta*, Volume 227, Number 4, 917-927, DOI: 10.1007/s00425-007-0667-z. The article is marked as an "ORIGINAL ARTICLE". Below the article title, there are links for "Download PDF (650.6 KB)", "View HTML", "Permissions & Reprints", "REFERENCES (39)", "CITED BY (1)", "EXPORT CITATION", and "ABOUT". The "REFERENCES (39)" and "CITED BY (1)" links are highlighted with blue boxes and numbered 1 and 2 respectively. The abstract text is visible below the links.

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

Download PDF (650.6 KB) View HTML Permissions & Reprints

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

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 are easily viewed from the abstract page.
- 2 “Cited By” links to articles which cite the current article.

Thank you!

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