

# Journal of American Science

# Journal of American Science

Marsland Press  
PO Box 180432  
Richmond Hill, New York 11418, USA

Websites:  
<http://www.sciencepub.net>  
<http://www.jofamericanscience.org>

Emails:  
[editor@sciencepub.net](mailto:editor@sciencepub.net)  
[editor@americanscience.org](mailto:editor@americanscience.org)  
[americansciencej@gmail.com](mailto:americansciencej@gmail.com)

Phone: (347) 321-7172

Cover design: CAO, Zhaolong; MA, Hongbao  
Photograph: YOUNG, Mary

Journal of American Science 2013;9(4) Part 2



Volume 9, Number 4, Part 2 April 25, 2013 ISSN:1545-1003

# Journal of American Science



**MARSLAND PRESS**  
Multidisciplinary Academic Journal Publisher

Websites:  
<http://www.sciencepub.net>  
<http://www.jofamericanscience.org>

Emails:  
[editor@sciencepub.net](mailto:editor@sciencepub.net)  
[editor@americanscience.org](mailto:editor@americanscience.org)  
[americansciencej@gmail.com](mailto:americansciencej@gmail.com)

# The Journal of American Science

The *Journal of American Science* is an international journal with a purpose to enhance our natural and scientific knowledge dissemination in the world. Any valuable paper that describes natural phenomena and existence or any reports that convey scientific research and pursuit is welcome. Papers submitted could be reviews, objective descriptions, research reports, opinions/debates, news, letters, and other types of writings that are nature and science related. All the manuscripts will be processed in a professional peer review. After the peer review, the journal will make the best efforts to publish all the valuable works as soon as possible.

**Editor-in-Chief:** Hongbao Ma ([mahongbao@gmail.com](mailto:mahongbao@gmail.com)), PhD, Professor

**Associate Editors-in-Chief:** Shen Cherng, Jingjing Z Edmondson, Qiang Fu, Yongsheng Ma

**Editors:** Amit Chaudhry, Ashish Chauhan, George Chen, Mark Hansen, Mary Herbert, Wayne Jiang, Chuan Liang, Mark Lindley, Hua Liu, Margaret Ma, Mike Ma, Jagmohan Singh Negi, Da Ouyang, Xiaofeng Ren, Ajaya Kumar Sahoo, Shufang Shi, Tracy X Qiao, Pankaj Sah, George Warren, Qing Xia, Yonggang Xie, Shulai Xu, Lijian Yang, Yan Young, Mona Saad Ali Zaki, Tina Zhang, Ruanbao Zhou, Yi Zhu

**Web Design:** Jenny Young; Hongbao Ma

## Introductions to Authors

### 1. General Information

**(1) Goals:** As an international journal published both in print and on internet, *The Journal of American Science* is dedicated to the dissemination of fundamental knowledge in all areas of nature and science. The main purpose of *The Journal of American Science* is to enhance our knowledge spreading in the world. It publishes full-length papers (original contributions), reviews, rapid communications, and any debates and opinions in all the fields of nature and science.

**(2) What to Do:** *The Journal of American Science* provides a place for discussion of scientific news, research, theory, philosophy, profession and technology - that will drive scientific progress. Research reports and regular manuscripts that contain new and significant information of general interest are welcome.

**(3) Who:** All people are welcome to submit manuscripts in any fields of nature and science.

**(4) Distributions:** Web version of the journal is opened to the world. The printed journal will be distributed to the selected libraries and institutions. For the subscription of other readers please contact with: [editor@americanscience.org](mailto:editor@americanscience.org) or [americansciencej@gmail.com](mailto:americansciencej@gmail.com) or [editor@sciencepub.net](mailto:editor@sciencepub.net).

**(5) Publication fee:** US\$320/paper.

**(6) Advertisements:** The price will be calculated as US\$400/page, i.e. US\$200/a half page, US\$100/a quarter page, etc. Any size of the advertisement is welcome.

### 2. Manuscripts Submission

**(1) Submission Methods:** Electronic submission through email is encouraged and hard copies plus an IBM formatted computer diskette would also be accepted.

**(2) Software:** The Microsoft Word file will be preferred.

**(3) Font:** Normal, Times New Roman, 10 pt, single space.

**(4) Indent:** Type 4 spaces in the beginning of each new paragraph.

**(5) Manuscript:** Don't use "Footnote" or "Header and Footer".

**(6) Cover Page:** Put detail information of authors and a short title in the cover page.

**(7) Title:** Use Title Case in the title and subtitles, e.g. "Debt and Agency Costs".

**(8) Figures and Tables:** Use full word of figure and table, e.g. "Figure 1. Annual Income of Different Groups", "Table 1. Annual Increase of Investment".

**(9) References:** Cite references by "last name, year", e.g. "(Smith, 2003)". References should include all the authors' last names and initials, title, journal, year, volume, issue, and pages etc.

#### Reference Examples:

**Journal Article:** Hacker J, Hentschel U, Dobrindt U. Prokaryotic chromosomes and disease. *Science* 2003;301(34):790-3.

**Book:** Berkowitz BA, Katzung BG. Basic and clinical evaluation of new drugs. In: Katzung BG, ed. Basic and clinical

pharmacology. Appleton & Lance Publisher. Norwalk, Connecticut, USA. 1995:60-9.

**(10) Submission Address:** [editor@sciencepub.net](mailto:editor@sciencepub.net), PO Box 180432, Richmond Hill, New York 11418, USA; 347-321-7172.

**(11) Reviewers:** Authors are encouraged to suggest 2-8 competent reviewers with their name and email.

### 3. Manuscript Preparation

Each manuscript is suggested to include the following components but authors can do their own ways:

**(1) Title page:** including the complete article title; each author's full name; institution(s) with which each author is affiliated, with city, state/province, zip code, and country; and the name, complete mailing address, telephone number, facsimile number (if available), and e-mail address for all correspondence.

**(2) Abstract:** including Background, Materials and Methods, Results, and Discussions.

**(3) Key Words.**

**(4) Introduction.**

**(5) Materials and Methods.**

**(6) Results.**

**(7) Discussions.**

**(8) References.**

**(9) Acknowledgments.**

**4. Prescript:** when you submit manuscript(s) to the journal, you are sure and agree the following: All the authors have participated sufficiently in this work and agree responsibility for the contents of the article(s). There is no plagiarism or any other problem. The author(s) are full responsible for the contents of the paper(s) and the author(s) are full responsible for any plagiarism or other problems of the paper(s). The article(s) is (are) not published elsewhere. Both the journal and authors agree that the journal and author(s) have the same right for the copyright of the article(s), i.e. either of the journal or author(s) can use it by anyway without noting the other party.

**5. Copyright and Responsibility of Authors to their Articles:** When the manuscript(s) is submitted to the journal, the authors agree the following: All the authors have participated sufficiently in this work; The article is not published elsewhere; Authors are responsibility on the contents of the article; The journal and author(s) have same right for the copyright of the article and either of the journal or author(s) can use it by anyway without noting the other party.

#### Journal Address:

Marsland Press  
PO Box 180432, Richmond Hill, New York 11418, USA  
Telephone: 347-321-7172

Emails: [editor@americanscience.org](mailto:editor@americanscience.org); [americansciencej@gmail.com](mailto:americansciencej@gmail.com); [sciencepub@gmail.com](mailto:sciencepub@gmail.com)

Websites: <http://www.jofamericanscience.org>;  
<http://www.sciencepub.net>;

# Marsland Press

The Marsland Press is an American publisher to publish books and journals. The purpose of Marsland Press is to enhance our natural and scientific knowledge dissemination in the world under the free publication principle. Books and papers submitted could be reviews, objective descriptions, research reports, opinions/debates, news, letters, and other types of writings that are nature and science related. All manuscripts submitted will be peer reviewed and the valuable papers will be considered for the publication after the peer review. The Authors are responsible to the contents of their articles.

## Introductions to Authors

### 1. General Information

**(1) Goals:** Marsland Press is dedicated to the dissemination of fundamental knowledge in all areas of nature and science. The main purpose of the Marsland Press is to enhance our knowledge spreading in the world under the free publication principle. It publishes books, full-length papers (original contributions), reviews, rapid communications, and any debates and opinions in all the fields of nature and science.

**(2) What to Do:** The Marsland Press provides a place for discussion of scientific news, research, theory, philosophy, profession and technology - that will drive scientific progress. Research reports and regular manuscripts that contain new and significant information of general interest are welcome.

**(3) Who:** All people are welcome to submit manuscripts in any fields of nature and science.

**(4) Distributions:** Web version of the journal is opened to the world. The books and journals are distributed to the selected libraries. For the subscription of other readers please contact with: [editor@sciencepub.net](mailto:editor@sciencepub.net), [sciencepub@gmail.com](mailto:sciencepub@gmail.com).

**(5) Advertisements:** The price will be calculated as US\$400/page, i.e. US\$200/a half page, US\$100/a quarter page, etc. Any size of the advertisement is welcome.

**(6) Copyright:** When you submit this manuscript(s) to Marsland Press, you are sure and agree the following: You have participated sufficiently in this work; This article is not published elsewhere; All Authors agree and responsibility the contents of this article; You agree that the journal and author(s) have same right for the copyright of this article and either of the journal or author(s) can use it by anyway without noting the other party.

### 2. Manuscripts Submission

**(1) Submission Methods:** Electronic submission through email is encouraged and hard copies plus an IBM formatted computer diskette would also be accepted.

**(2) Software:** The Microsoft Word file will be preferred.

**(3) Font:** Normal, Times New Roman, 10 pt, single space.

**(4) Indent:** Type 4 spaces in the beginning of each new paragraph.

**(5) Manuscript:** Don't use "Footnote" or "Header and Footer".

**(6) Cover Page:** Put detail information of authors and a short title in the cover page.

**(7) Title:** Use Title Case in the title and subtitles, e.g. "**Debt and Agency Costs**".

**(8) Figures and Tables:** Use full word of figure and table, e.g. "Figure 1. Annual Income of Different Groups", Table 1. Annual Increase of Investment".

**(9) References:** Cite references by "last name, year", e.g. "(Smith, 2003)". References should include all the authors' last names and initials, title, journal, year, volume, issue, and pages etc.

#### Reference Examples:

**Journal Article:** Hacker J, Hentschel U, Dobrindt U. Prokaryotic chromosomes and disease. *Science* 2003;301(34):790-3.

**Book:** Berkowitz BA, Katzung BG. Basic and clinical evaluation of new drugs. In: Katzung BG, ed. Basic and clinical pharmacology. Appleton & Lance Publisher. Norwalk, Connecticut, USA. 1995:60-9.

**(10) Submission Address:** [sciencepub@gmail.com](mailto:sciencepub@gmail.com), Marsland Press, PO Box 180432, Richmond Hill, New York 11418, USA, 347-321-7172; <http://www.sciencepub.net>.

**(11) Reviewers:** Authors are encouraged to suggest 2-8 competent reviewers with their name and email.

### 2. Paper Manuscript Preparation

Each manuscript is suggested to include the following components but authors can do their own ways:

**(1) Title page:** including the complete article title; each author's full name; institution(s) with which each author is affiliated, with city, state/province, zip code, and country; and the name, complete mailing address, telephone number, facsimile number (if available), and e-mail address for all correspondence.

**(2) Abstract:** including Background, Materials and Methods, Results, and Discussions.

**(3) Key Words.**

**(4) Introduction.**

**(5) Materials and Methods.**

**(6) Results.**

**(7) Discussions.**

**(8) Acknowledgments.**

**(9) Correspondence to.**

**(10) Submission date**

**(11) References.**

Marsland Press publishes several journals. To cover the cost of online hosting, internet servicing, editing, handling, etc, it currently charges the publication fee for us\$100-640/article. Processed by different groups, the publication fees for different journals are different:

[Life Science Journal (life) charges us\$640/article (no reduce for this journal)].

[Journal of American Science (am) charges US\$320/article (no reduce for this journal)].

[Nature And Science (ns) costs us\$150/article].

[New York Science Journal (ny), World Rural Observations (rural), Researcher (research), Report and Opinion (report), Academia Arena (aa), Stem Cell (stem) and Cancer Biology (cb) cost us\$100/article].

As the journals' prescript, when you submit manuscript(s) to the journal(s) of Marsland Press, you are sure and agree the following: All the authors have participated sufficiently in this work and agree responsibility for the contents of the article(s). There is no plagiarism or any other problem. The author(s) are full responsible for the contents of the paper(s) and the author(s) are full responsible for any plagiarism or other problems of the paper(s). The article(s) is (are) not published elsewhere. Both the journal and authors agree that the journal and author(s) have the same right for the copyright of the article(s), i.e. either of the journal or author(s) can use it by anyway without noting the other party.

You are encouraged to cite and link the papers published by the journals of Marsland Press (cite in different journals preferred)! We hope that you can help to improve the journals by citing and indexing them in various sources such as the Internet.

#### Journal Address:

Marsland Press

PO Box 180432

Richmond Hill, New York 11418, The United States

Telephone: 347-321-7172

[editor@sciencepub.net](mailto:editor@sciencepub.net); <http://www.sciencepub.net>

**Volume 9, Number 4 (Cumulative No.62) Part 2 April 25, 2013 ISSN:1545-1003**

# Journal of American Science

Marsland Press  
PO Box 180432  
Richmond Hill, New York 11418, USA

Websites:  
<http://www.sciencepub.net>  
<http://www.jofamericanscience.org>

Emails:  
[editor@sciencepub.net](mailto:editor@sciencepub.net)  
[editor@americanscience.org](mailto:editor@americanscience.org)  
[americansciencej@gmail.com](mailto:americansciencej@gmail.com)

Phone: (347) 321-7172

Cover design: CAO, Zhaolong; MA, Hongbao  
Photograph: YOUNG, Mary

Copyright © 2013 Marsland Press

