

# World Journal of *Anesthesiology*

*World J Anesthesiol* 2011 December 27; 1(1): 1-3



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2011-2015

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# World Journal of *Anesthesiology*

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**AIM AND SCOPE**

*World Journal of Anesthesiology* (*World J Anesthesiol*, *WJA*, online ISSN 2218-6182, DOI: 10.5313) is a bimonthly peer-reviewed, online, open-access, journal supported by an editorial board consisting of 121 experts in anesthesiology from 28 countries.

The aim of *WJA* is to report rapidly new theories, methods, techniques and knowledge in the field of anesthesiology. *WJA* covers general anesthesia, local anesthesia, obstetric anesthesia, pediatric anesthesia, neurosurgical anesthesia, cardiovascular anesthesia, organ transplantation anesthesia, anesthesia complications, anesthesia monitoring, new techniques, quality control, airway management, volume therapy, pain diagnosis and treatment, and intensive care, as well as anesthesia-related traditional Chinese medicine, epidemiology and nursing. The journal also publishes original articles and reviews that report the results of applied and basic research in fields related to anesthesiology, such as immunology, pathophysiology, cell biology, pharmacology, medical genetics, and pharmacology of Chinese herbs. In a word, *WJA* publishes articles related to any aspects of anesthesiology.

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## What is the purpose of launching *World Journal of Anesthesiology*?

Zhi-Yi Zuo

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**Figure 1** Editor-in-Chief of the *World Journal of Anesthesiology*. Zhi-Yi Zuo, MD, PhD, Professor, Department of Anesthesiology, PO Box 800710, University of Virginia, Charlottesville, VA 22908, United States.

### Abstract

The launch of *World Journal of Anesthesiology (WJA)* is great news for the community of anesthesiology. Anesthesiology is a rapidly evolving medical specialty. The practice of anesthesia is broad and has an important impact on our society. Thus, it is necessary to have a multi-modal system to rapidly disseminate anesthesiology-related knowledge. *WJA's* preparatory work was initiated on December 3, 2010, will be published on December 27, 2011. The *WJA* Editorial Board has now been established and consists of 121 distinguished experts from 28 countries. It will publish various formats of papers including original studies, review, commentary, guidelines, case report, book review and letters to the editor. The publication of the accepted papers will be quick and it is free of charge for readers to download and read any articles in the journal. Thus, *WJA* should be an excellent choice for anyone to consider publishing anesthesiology-related papers. Congratulations to the birth of *WJA*, a new member of World series journal family.

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**Key words:** Anesthesiology; Journal; Open access; Peer-reviewed; Perioperative medicine

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### INTRODUCTION

I am Zhi-Yi Zuo, MD, PhD, Professor, Department of Anesthesiology, University of Virginia (Figure 1) and the Editor-in-Chief of *World Journal of Anesthesiology (World J Anesthesiol, WJA)*, online ISSN 2218-6182, DOI: 10.5313). I am very pleased to announce that the first issue of *WJA*, whose preparatory work was initiated on December 3, 2010, will be published on December 27, 2011. *WJA* is a bimonthly peer-reviewed, online, open-access, journal supported by an editorial board consisting of 121 experts in anesthesiology from 28 countries. With the advance of modern technology, electronic and open-access journals are a preferred place for scientists to publish their work. This format is often the choice for publishers that want to establish a new journal. The benefits for authors who publish in these journals are multiple. The

obvious ones include that the author's work will be published immediately after it has been accepted and that the paper will be accessible by anyone in the world so long as the person has an internet access. This is exciting news because the journal should serve as an excellent channel to rapidly publish and disseminate the work in the field of anesthesiology.

As the Editor-in-Chief for *WJA*, it is a great honor for me to introduce the Journal to everyone. I also would like to invite everyone to contribute to the journal. This includes writing, reading and commenting on articles in the journal as well as providing us with feedbacks on how we do with the journal.

Anesthesiology is a rapidly evolving specialty. It involves advance in technology (such as development of various monitoring techniques and equipment), pharmacology and knowledge developed in many other specialties (such as internal medicine). This is because anesthesiologists not only need to provide proper anesthesia service to the patients but also have to protect patients from injury or harm during surgery or procedure. Preventing any unnecessary injury or "do no harm" is the most important duty for anesthesiologists to perform. This duty will require anesthesiologists to have a broad range of medical knowledge, such as pathophysiology of various diseases, because patients with various diseases will need surgery and anesthesia. Since safety or keeping our patient safe has been a focus for anesthesia practice for many decades, anesthesiology has been cited by Institute of Medicine of the United States as an exemplifying specialty in medicine in achieving safe practice<sup>[1]</sup>.

Anesthesiology practice is broad and has a great impact on our society. Each year, ~50 million patients will have surgery under anesthesia in the United States<sup>[2]</sup>. In addition, there is an increased number of patients will receive anesthesia for invasive procedures, such as endoscopic procedures for gastrointestinal system. In addition to providing anesthesia service to these patients, anesthesiology practice also includes pain management and intensive care<sup>[3]</sup>. Knowledge and practice on the last two fields have inevitably helped the development and growth of modern anesthesiology.

The nature of rapid evolvement and breadth of anesthesiology requires multiple modals to disseminate its knowledge. One such a way is through scientific journals. Currently, there are ~20 journals that are anesthesiology-related. However, most of them are printing journals. It often takes 6 mo or longer for those journals to publish an accepted paper. *WJA* is a bi-monthly peer-reviewed, open-access journal and will take a full advantage of this type of journals.

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## CONTENTS OF PEER REVIEW

In order to guarantee the quality of articles published in the journal, *WJA* usually invites three experts to comment on the submitted papers. The contents of peer re-

view include: (1) whether the contents of the manuscript are of great importance and novelty; (2) whether the experiment is complete and described clearly; (3) whether the discussion and conclusion are justified; (4) whether the citations of references are necessary and reasonable; and (5) whether the presentation and use of tables and figures are correct and complete.

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## SCOPE

The aim of *WJA* is to report rapidly new theories, methods, techniques and knowledge in the field of anesthesiology. *WJA* covers general anesthesia, local anesthesia, obstetric anesthesia, pediatric anesthesia, neurosurgical anesthesia, cardiovascular anesthesia, organ transplantation anesthesia, anesthesia complications, anesthesia monitoring, new techniques, quality control, airway management, volume therapy, pain diagnosis and treatment, and intensive care, as well as anesthesia-related traditional Chinese medicine, epidemiology and nursing. The journal also publishes original articles and reviews that report the results of applied and basic research in fields related to anesthesiology, such as immunology, pathophysiology, cell biology, pharmacology, medical genetics, and pharmacology of Chinese herbs. In a word, *WJA* publishes articles related to any aspects of anesthesiology.

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## COLUMNS

The types of articles published in *WJA* will include: (1) Editorial: To introduce and comment on the substantial advance, development and focus topics in the field; (2) Frontier: To review the most representative achievements and comment on the current research status in important fields, and propose directions for the future research; (3) Topic Highlight: there are three formats that are (A) 10 invited review articles on a hot topic, (B) a commentary on common issues of this hot topic, and (C) a commentary on the 10 individual articles; (4) Observation: To update information on old and new questions, highlight unsolved problems, and provide strategies on how to solve the questions; (5) Guidelines for Clinical Practice: To publish guidelines for clinical practice; (6) Review: To systemically review the most representative progress and unsolved problems in the major scientific disciplines, comment on the current research status, and make suggestions on the future work; (7) Original Articles: To report the innovative and valuable findings of original studies in anesthesiology; (8) Brief Articles: To briefly report the novel and innovative findings of original studies in anesthesiology; (9) Case Report: To report a rare or typical case and educational points associated with the case; (10) Letters to the Editor: To discuss and make reply to the contributions published in *WJA*, or to introduce and comment on a controversial issue with general interest; (11) Book Reviews: To introduce and comment on quality monographs of anesthesiology; and

(12) Guidelines: To introduce consensus and guidelines reached by international and national academic authorities or associations worldwide on the research in anesthesiology.

Finally, I would like to congratulate the birth of *WJA* and welcome everyone on the editorial board on board. With the care of everyone including our authors, readers and editorial board members, *WJA* will have a bright future. Let us all hope that *WJA* will become a leading anesthesiology journal soon.

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## REFERENCES

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**Events Calendar 2012**

February 6-11, 2012  
SCA 15th Annual Comprehensive  
Review and Update of Perioperative  
Echo - Society of Cardiovascular  
Anesthesiologists  
San Diego, CA, United States

February 23-26, 2012  
SPA/AAP Winter Meeting - The  
Society for Pediatric Anesthesia/  
American Academy of Pediatrics  
Tampa, FL, United States

February 29-March 2, 2012  
International Federation of Dental  
Anesthesiology Societies Meeting  
2012  
Waimea, HI, United States

March 4-9, 2012  
CRASH 2012: Colorado Review of  
Anesthesia for SurgiCenters and  
Hospitals Vail  
Colorado, CO, United States

March 11-14, 2012  
17th Annual Update On  
Cardiopulmonary Bypass - Society  
Of Cardiovascular Anesthesiologists  
Snowmass Village, CO, United  
States

April 18-20, 2012  
The 28th International Conference  
of the Egyptian Society of  
Anesthesiologists (Egyptian  
Anesthesia 2012)  
Cairo, Egypt

April 19-22, 2012  
2012 CSA Annual Meeting  
- California Society of  
Anesthesiologists  
Dana Point, CA, United States

April 28-May 2, 2012  
SCA 34th Annual Meeting  
and Workshops - Society for  
Cardiovascular Anesthesiologists  
Boston, MA, United States

July 20-22, 2012  
GSA 2012 Summer Meeting -  
Georgia Society of Anesthesiologists  
Greensboro, GA, United States

September 6-9, 2012  
Texas Society of Anesthesiologists  
Annual Meeting 2012  
San Antonio, TX, United States

October 13-17, 2012  
2012 ASA American Society of  
Anesthesiologists Annual Meeting  
Washington, DC, United States

November 2-4, 2012  
Society of Academic  
Anaesthesiology Associations 2012  
Annual Meeting  
San Francisco, CA, United States

December 26-28, 2012  
ICACCM 2012 : International  
Conference on Anesthesiology and  
Critical Care Medicine  
Bangkok, Thailand

**GENERAL INFORMATION**

*World Journal of Anesthesiology* (*World J Anesthesiol*, *WJA*, online ISSN 2218-6182, DOI: 10.5313) is a bimonthly peer-reviewed, online, open-access (OA), journal supported by an editorial board consisting of 121 experts in anesthesiology from 28 countries.

The biggest advantage of the OA model is that it provides free, full-text articles in PDF and other formats for experts and the public without registration, which eliminates the obstacle that traditional journals possess and usually delays the speed of the propagation and communication of scientific research results. The open access model has been proven to be a true approach that may achieve the ultimate goal of the journals, i.e. the maximization of the value to the readers, authors and society.

**Maximization of personal benefits**

The role of academic journals is to exhibit the scientific levels of a country, a university, a center, a department, and even a scientist, and build an important bridge for communication between scientists and the public. As we all know, the significance of the publication of scientific articles lies not only in disseminating and communicating innovative scientific achievements and academic views, as well as promoting the application of scientific achievements, but also in formally recognizing the "priority" and "copyright" of innovative achievements published, as well as evaluating research performance and academic levels. So, to realize these desired attributes of *WJA* and create a well-recognized journal, the following four types of personal benefits should be maximized. The maximization of personal benefits refers to the pursuit of the maximum personal benefits in a well-considered optimal manner without violation of the laws, ethical rules and the benefits of others. (1) Maximization of the benefits of editorial board members: The primary task of editorial board members is to give a peer review of an unpublished scientific article via online office system to evaluate its innovativeness, scientific and practical values and determine whether it should be published or not. During peer review, editorial board members can also obtain cutting-edge information in that field at first hand. As leaders in their field, they have priority to be invited to write articles and publish commentary articles. We will put peer reviewers' names and affiliations along with the article they reviewed in the journal to acknowledge their contribution; (2) Maximization of the benefits of authors: Since *WJA* is an open-access journal, readers around the world can immediately download and read, free of charge, high-quality, peer-reviewed articles from *WJA* official website, thereby realizing the goals and significance of the communication between authors and peers as well as public reading; (3) Maximization of the benefits of readers: Readers can read or use, free of charge, high-quality peer-reviewed articles without any limits, and cite the arguments, viewpoints, concepts, theories, methods, results, conclusion or facts and data of pertinent literature so as to validate the innovativeness, scientific and practical values of their own research achievements, thus ensuring that their articles have novel arguments or viewpoints, solid evidence and correct conclusion; and (4) Maximization of the benefits of employees: It is an iron law that a first-class journal is unable to exist without first-class editors, and only first-class editors can create a first-class academic journal. We insist on strengthening our team cultivation and construction so that every employee, in an open, fair and transparent environment, could contribute their wisdom to edit and publish high-quality articles, thereby realizing the maximization of the personal benefits

of editorial board members, authors and readers, and yielding the greatest social and economic benefits.

**Aims and scope**

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- 2 **Lin GZ**, Wang XZ, Wang P, Lin J, Yang FD. Immunologic effect of Jianpi Yishen decoction in treatment of Pixu-diarrhoea. *Shijie Huaren Xiaohua Zazhi* 1999; **7**: 285-287

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- 3 **Tian D**, Araki H, Stahl E, Bergelson J, Kreitman M. Signature of balancing selection in Arabidopsis. *Proc Natl Acad Sci USA* 2006; In press

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- 4 **Diabetes Prevention Program Research Group**. Hypertension, insulin, and proinsulin in participants with impaired glucose tolerance. *Hypertension* 2002; **40**: 679-686 [PMID: 12411462 PMCID:2516377 DOI:10.1161/01.HYP.0000035706.28494.09]

*Both personal authors and an organization as author*

- 5 **Vallancien G**, Emberton M, Harving N, van Moorselaar RJ; Alf-One Study Group. Sexual dysfunction in 1, 274 European men suffering from lower urinary tract symptoms. *J Urol* 2003; **169**: 2257-2261 [PMID: 12771764 DOI:10.1097/01.ju.0000067940.76090.73]

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- 6 21st century heart solution may have a sting in the tail. *BMJ* 2002; **325**: 184 [PMID: 12142303 DOI:10.1136/bmj.325.7357.184]

*Volume with supplement*

- 7 **Geraud G**, Spierings EL, Keywood C. Tolerability and safety

of frovatriptan with short- and long-term use for treatment of migraine and in comparison with sumatriptan. *Headache* 2002; **42** Suppl 2: S93-99 [PMID: 12028325 DOI:10.1046/j.1526-4610.42.s2.7.x]

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- 8 **Banit DM**, Kaufer H, Hartford JM. Intraoperative frozen section analysis in revision total joint arthroplasty. *Clin Orthop Relat Res* 2002; (**401**): 230-238 [PMID: 12151900 DOI:10.1097/00003086-200208000-00026]

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- 9 Outreach: Bringing HIV-positive individuals into care. *HRS-A Careaction* 2002; 1-6 [PMID: 12154804]

### Books

*Personal author(s)*

- 10 **Sherlock S**, Dooley J. Diseases of the liver and biliary system. 9th ed. Oxford: Blackwell Sci Pub, 1993: 258-296

*Chapter in a book (list all authors)*

- 11 **Lam SK**. Academic investigator's perspectives of medical treatment for peptic ulcer. In: Swabb EA, Azabo S. Ulcer disease: investigation and basis for therapy. New York: Marcel Dekker, 1991: 431-450

*Author(s) and editor(s)*

- 12 **Breedlove GK**, Schorfheide AM. Adolescent pregnancy. 2nd ed. Wiczorek RR, editor. White Plains (NY): March of Dimes Education Services, 2001: 20-34

*Conference proceedings*

- 13 **Harnden P**, Joffe JK, Jones WG, editors. Germ cell tumours V. Proceedings of the 5th Germ cell tumours Conference; 2001 Sep 13-15; Leeds, UK. New York: Springer, 2002: 30-56

*Conference paper*

- 14 **Christensen S**, Oppacher F. An analysis of Koza's computational effort statistic for genetic programming. In: Foster JA, Lutton E, Miller J, Ryan C, Tettamanzi AG, editors. Genetic programming. EuroGP 2002: Proceedings of the 5th European Conference on Genetic Programming; 2002 Apr 3-5; Kinsdale, Ireland. Berlin: Springer, 2002: 182-191

**Electronic journal** (list all authors)

- 15 Morse SS. Factors in the emergence of infectious diseases. *Emerg Infect Dis* serial online, 1995-01-03, cited 1996-06-05; 1(1): 24 screens. Available from: URL: <http://www.cdc.gov/ncidod/eid/index.htm>

**Patent** (list all authors)

- 16 **Pagedas AC**, inventor; Ancel Surgical R&D Inc., assignee. Flexible endoscopic grasping and cutting device and positioning tool assembly. United States patent US 20020103498. 2002 Aug 1

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