

《医用生物力学》杂志稿约

《医用生物力学》杂志由中华人民共和国教育部主管、上海交通大学主办,是国内唯一一本公开发行,以积极反映生物力学基础研究与应用研究成果,推动国内外学术交流,促进医、生、理、工各学科相互了解和合作为目的学术性刊物。本刊为中国科技论文统计源(CSTPC);美国《化学文摘》(CA)、波兰《哥白尼索引》(IC)、俄罗斯《文摘杂志》(AJ)、荷兰《文摘与引文数据库》(Scopus)来源期刊;2015年入选北京大学图书馆《中文核心期刊要目总览》(2014年版)。为确保稿件质量和杂志编辑工作的规范化,请作者在撰稿和投稿前,仔细阅读本稿约,并严格执行。凡不符合要求者,一律作退稿处理。

1 征稿范围

《医用生物力学》杂志为专业性学术类科技期刊,主要介绍生物力学领域有关力学生物学、器官-组织生物力学、细胞-亚细胞-分子生物力学、感觉系统生物力学、骨骼肌肉系统生物力学、航空航天生物力学、颌面口腔生物力学、呼吸系统生物力学、康复工程生物力学、心血管系统生物力学、血液流变学、医用材料生物力学、运动医学生物力学等的新成果和新经验。本刊为双月刊,每双月25日出版。

本刊欢迎有关生物力学基础和临床研究的论著、文献综述。除中文稿件外,本刊也欢迎具有创新性的英文稿件。

2 投稿要求

2.1 来稿必须提交单位正式推荐信(介绍信),并同时提交《著作权转让协议》。推荐信应对稿件的真实性、是否涉及保密、署名有无争议、是否侵权及有无一稿两投等项加以说明。当论文的主体是以人为研究对象时,作者必须提供单位、地区或国家性的伦理委员会批准文件,并保留受试对象或者其亲属的知情同意书以备审查。

2.2 来稿应具有科学性、真实性、逻辑性、实用性和创新性。重点突出,论点鲜明,层次清晰,数据可靠,论据充分,文字简练,语句通顺,标点正确,用字规范,避免文、图、表重复。论著不应超过6500字,综述不应超过6000字(不包括图表和参考文献)。

2.3 本刊从2010年起全部实行网上投稿,请登录<http://www.medbiomechanics.com>或<http://www.mechno-biology.com>(医用生物力学杂志网站),按提示完成投稿操作;同时将单位介绍信、《著作权转让协议》邮寄到本刊编辑部(上海市黄浦区制造局路639号《医用生物力学》编辑部,200011),或者将扫描件发到编辑部电子信箱(shengwulixue@163.com)。作者随时可上网查询稿件的处理情况。

2.4 本刊为具有国际领先水平的创新性科研成果或国际首报论文开辟“快速通道”,提供快速同行审稿,并在审稿通过后快速发表。凡要求以“快速通道”发表的论文,作者应提供关于论文创新性的说明并附加至少一份非本单位的专家推荐信。符合标准者可快速审核,优先发表。

3 撰稿要求

3.1 格式:中文标题二号黑体、居中;作者署名小四号楷体、居中;作者单位小五号宋体、居中;中文摘要和关

关键词小五号宋体;英文标题、署名、单位、摘要和关键词均为 Times New Roman 体。正文文字为五号宋体,1.5 倍行距,单栏排列,图文混排。“参考文献”四字,小五号黑体。参考文献六号字,中文为宋体,英文、数字用 Times New Roman 体。标题层次采用阿拉伯数字分级编号,一般不超过3级。各级标题序号后空1格接写标题,标题末不加标点符号。格式如下:

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论文要点不能作为层次标题。论著稿件的正文必须包含但不仅限于以下6部分内容:中英文摘要;前言;材料与方法;结果;讨论;参考文献。

3.2 **题名:**力求简明、醒目,反映出文章的主题。除公知公用者外,尽量不用外文缩略语,不用副题。中、英文题名含义应一致。

3.3 **基金项目:**论文所涉及的课题若取得部、省级以上基金资助或属攻关项目,请脚注于文题页下方,如:基金项目:“××基金项目(基金号)”。

3.4 **作者署名:**作者应为参与选题设计、资料分析、撰写或修改关键内容的人员,以承担该项研究工作所负责任及所起作用的大小依次排列。对论文有贡献的其他人员,可在文末予以致谢。如系合作课题,请在作者名后右上角注1、2或3,单位、邮政编码分列。

在每篇文章的作者中一般确定一名通信作者。通信作者一般是课题负责人或研究生导师,应熟悉论文的全部内容,对文章负全部责任。通信作者的姓名、职称、电子信箱等以脚注的形式列于文题页下方。

3.5 **摘要:**所有论文均须附中、英文摘要。论著类论文采用结构式摘要,必须包括目的(Objective)、方法(Methods)、结果(Results)及结论(Conclusions)四部分,各部分冠以相应的标题。结论部分应该说明该研究的临床意义。述评、综述等采用指示性摘要。英文摘要前须列出英文题名、全部作者姓名(汉语拼音,姓在前,姓的每个字母均大写,名字首字母大写,作者间以逗号相隔)、工作单位名称、所在城市名、邮政编码和国名。

3.6 **关键词:**所有稿件须标引中、英文关键词3~8个,应从文题、摘要、正文中选取与本文研究或讨论的中心问题有关的词。请尽量使用美国国立医学图书馆编辑的最新版 Index Medicus 中《医学主题词表》(MeSH)和 Ei Thesaurus 内所列的规范词。列关键词时,英文每个术语的首字母大写,中英文关键词之间以分号相隔。

3.7 **讨论:**文章必须针对研究目的、围绕实验结果展开论述,可适当引用相关文献进行对比论证,在此基础上提出自己的论点,论点应客观合理、紧扣主题,不要夸大或偏离主题。对于研究中的不足之处和下一阶段的工作设想也可在讨论部分加以论述。

3.8 **图表:**宜少而精,设计正确,合理易懂。凡用文字已说明的问题,尽量不重复用图表。表格一律采用三线表(即顶线、栏目线和底线,如有纵向合计,可在底线上边加分界线)。统计学处理结果如 t 、 P 值,可直接写在表内或在表的底线下方注明。一文有多图、多表时,应编序号。全文图片不宜超过6幅。

图表须有中英文标题,图表中如有引用他刊者,应注明出处,并需要取得出版社(编辑部)的同意。

照片应清晰可辨,对比度好,层次分明;黑白、彩色照片均可;高宽之比5:7左右。特殊情况下,也可提供黑白及彩色正片(X线片、CT片、幻灯片)或负片。全面照片须遮掩双眼,否则应提供被照者的书面同意。组织学图片应注明放大倍数和染色方法,电子显微镜照片须标明长度标尺,如1 μm 。

3.9 计量单位:采用 GB 3100 ~ 3102—1993《量和单位》,以单位符号表示。注意单位名称和单位符号不能混用。来稿请采用法定计量单位,符号一律采用标准国际符号,用正体书写,并注意字母的大小写,例如 50 毫克/(千克·天)应写为 50 mg/(kg·d)或 $50 \text{ mg} \cdot \text{kg}^{-1} \cdot \text{d}^{-1}$ 。应尽可能使用单位符号,也可与非物理单位(如:人、次、台等)的汉字构成组合形式的单位,如次/min。量符号必须用斜体字母(pH 例外),矢量、张量符号用黑斜体字母表示。在首次出现不常用的法定计量单位处用括号加注与旧制单位的换算系数,下文再出现时只列法定计量单位。人体及动物体内的压力单位可以使用 mmHg 或 cmH_2O ,但文中首次出现时用括号加注($1 \text{ mmHg} = 0.133 \text{ kPa}$)。

3.10 数字:执行 GB/T 15835—2011《出版物上数字用法》的规定,公历世纪、年代、年、月、日、时刻、计数、计量均用阿拉伯数字。数字采用三位分节法,每 3 位空 1/4 汉字格,不用分节符号,如 5 000(不用 5,000),但序数词和年份、页数、部队番号、仪表型号、标准号不分节。数值范围表示方法如下:4 ~ 6 kg, 5.2% ~ 11.3%, $4 \times 10^9 \sim 10 \times 10^9$, $36^\circ \sim 42^\circ 18'$ 。附有单位的数值相乘,按下列方式书写:4 cm × 3 cm × 5 cm,不应写成 $4 \times 3 \times 5 \text{ cm}^3$ 。

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3.13 参考文献:录著格式执行 GB/T 7714—2015《信息与文献 参考文献著录规则》,采用顺序编码制著录,文献角码依次放在文章相应部位右上角,顺序与文后参考文献表一致。参考文献表中的序号编码加中括号。应以作者亲自阅读过的近 5 年的国内外文献为主。勿引用内部资料、未发表的观察资料和个人通信资料。参考文献必须与原文核对无误。已被采用但尚未刊出的稿件,可列入参考文献,但须在刊名后加方括号注明在印刷中(in press)。文献的作者不超过 3 位时,全部列出;如 3 位以上,只列出前 3 位,后面加“等”字或“*et al*”。作者的姓名一律姓氏在前、名字在后,外国人的名字采用首字母缩写的形式,缩写名后不加缩写点;不同作者姓名间用逗号分开。中文期刊用全名,外文期刊刊名采用缩写,按照 Index Medicus 中的刊名缩写格式。

参考文献中各文献类型符号为:普通图书[M],期刊[J],会议录[C],报告[R],学位论文[D],专利[P],标准[S],电子文献[EB/OL]。若论文集的出版者不详,可用[s. n.]代表。举例如下:

- [1] 胡飞, 顾冬云, 戴尅戎, 等. 基于非线性时间序列法研究人体步行稳定性[J]. 医用生物力学, 2012, 27(1): 51-57.
- [2] SCHMOELZ W, ONDER U, MARTIN A, *et al*. Non-fusion instrumentation of the lumbar spine with a hinged pedicle screw rod system: An *in vitro* experiment [J]. Eur Spine J, 2009, 18(10): 1478-1485.
- [3] 张兆顺, 崔桂香, 许春晓. 湍流大涡数值模拟的理论和应用[M]. 北京: 清华大学出版社, 2008: 72-76.
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- [11] 全国术语标准化技术委员会. GB/T 15237.1—2000 术语工作:词汇[S]. 2000.
- [12] Online Computer Library Center, Inc. History of OCLC [EB/OL]. <http://www.oclc.org/about/history/default.htm>.

3.14 **致谢**:置于正文后、参考文献前。用于对参与部分工作、提供技术性帮助、提供工作方便、给予指导,以及提供资助的团体或个人表示感谢,并应征得被致谢者本人同意。

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4.6 **优先出版**:从2013年起,本刊与中国知网合作,对录用稿件将推出优先数字出版,及时在中国知网网站和本刊网站上发布出版定稿论文,请注意浏览。

Instructions for Authors by *Journal of Medical Biomechanics*

The *Journal of Medical Biomechanics* (JMB) is the only bimonthly, peer-reviewed journal in public circulation with the aim of creating mutual understanding and cooperating among medicine, science, and engineering disciplines and is sponsored by Shanghai Jiao Tong University and supervised by Ministry of Education of People's Republic of China. JMB hopes to promote international academic exchanges in this field by publishing basic research and application results in medical biomechanics. The journal has been included in certain famous databases such as Chemical Abstract, Index Copernicus, and Scopus. In 2015, JMB was selected in the 2014 edition of *Guide to the Core Journals of China* by Peking University Library. To ensure the quality of articles and standardization of editing, please read the following instructions carefully and strictly abide by them when writing and submitting a manuscript. Any manuscripts that do not adhere to the requirements detailed in these instructions will be rejected.

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As an academic periodical, JMB seeks to publish articles relating to medical biomechanics and interdisciplinary fields, including basic, applied and clinical research. Areas that are covered include but are not limited to mechanobiology, organ-tissue biomechanics, molecular biomechanics, sensory system biomechanics, musculoskeletal biomechanics, aerospace biomechanics, oral biomechanics, respiratory system biomechanics, rehabilitation engineering biomechanics, vascular biomechanics, hemarheology, medical materials biomechanics, sports biomechanics. The journal is published on a bimonthly basis.

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2.2 All manuscripts should be scientifically sound, authentic, practical and innovative. Apart from outstanding emphases, sharp-cut contentions, clear arrangement, reliable data, and sufficient evidence, concise words, flowing sentences, correct punctuations and normal usage of words are also strictly required. Avoid repeating the same information in the text, figures and tables. Original articles should not exceed 6 500 words, and review article should not exceed 6 000 words (excluding figures and tables, references).

2.3 JMB launched the online submission system in 2010. Please go to the website <http://www.medbiomechanics.com> or <http://www.mechnobiology.com> to upload the required files following the guidelines of the online submission system. Please mail the recommendation letter and *Transfer of Copyright* docu-

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2.4 JMB has opened up a fast publication channel for manuscripts that report internationally-advanced innovative scientific results or has been first published internationally. In this case, the author should provide an innovation statement plus at least one recommendation letter from other department's expert. Manuscripts that meet the criterion for fast publication channel can enjoy top-priority and fast review.

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3.1 Format The text should be 1.5-spaced, one column arrangement, with the integration of graphs and text. The text needs one blank between sequence numbers of all levels of subheadings and content rather than any punctuation. The format is as follows:

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3.3 Fund project If the article is supported by national or municipal grants or is a national key scientific and technological project, the fund should be footnoted at the title page. For example: Fund project: the National Science Foundation of China (30810103908).

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- [1] SCHMOELZ W, ONDER U, MARTIN A, *et al*. Non-fusion instrumentation of the lumbar spine with a hinged pedicle screw rod system: An *in vitro* experiment [J]. *Eur Spine J*, 2009, 18(10): 1478-1485.
- [2] SAMBROOK J, FRITSCH EF, MANIATIS TM, *et al*. Laboratory manual [M]. 2nd ed. New York: Academic Press, 1989: 1-38.
- [3] HUNT JC, WRAY AA, MOIN P. Eddies, streams and convergence zones in turbulent flows [C]// Proceedings of the Summer Program, Center for Turbulence Research. California: Stanford University, 1988: 193-208.
- [4] World Health Organization. Factors regulating the immune response: Report of WHO Scientific Group [R]. Geneva: WHO, 1970.
- [5] TANGUAY M. Computation of bubbly cavitating flow in shock wave lithotripsy [D]. California: California Institute of Technology, 2004.
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